

Data File : VN057746.D
Acq On : 7 Sep 2019 12:32
Operator : JC/SP
Sample : VN0907WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Quant Time: Sep 08 06:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	212584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	331851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	304668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	175411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	240269	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
35) Dibromofluoromethane	7.57	113	158479	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.08	98	581566	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.40	95	220957	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	62538	18.525	ug/l	97
3) Chloromethane	2.03	50	59398	12.217	ug/l	97
4) Vinyl Chloride	2.16	62	54080	18.498	ug/l	95
5) Bromomethane	2.54	94	29731	22.142	ug/l	91
6) Chloroethane	2.68	64	30895	17.900	ug/l	90
7) Trichlorofluoromethane	3.00	101	79398	16.922	ug/l	98
8) Diethyl Ether	3.39	74	34269	18.279	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	56477	19.287	ug/l	94
10) Methyl Iodide	3.93	142	65837	22.692	ug/l	96
11) Tert butyl alcohol	4.76	59	48752	82.971	ug/l	99
12) 1,1-Dichloroethene	3.71	96	48188	18.290	ug/l	97
13) Acrolein	3.59	56	22336	79.932	ug/l	96
14) Allyl chloride	4.30	41	105319	17.493	ug/l	98
15) Acrylonitrile	4.96	53	147576	97.691	ug/l	97
16) Acetone	3.80	43	146856	92.277	ug/l	98
17) Carbon Disulfide	4.03	76	99081	16.599	ug/l	99
18) Methyl Acetate	4.30	43	77906	18.001	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	198846	17.978	ug/l	99
20) Methylene Chloride	4.52	84	60976	17.720	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	52666	18.997	ug/l	89
22) Diisopropyl ether	5.93	45	234673	18.426	ug/l	94
23) Vinyl Acetate	5.87	43	950001	92.157	ug/l	99
24) 1,1-Dichloroethane	5.82	63	120975	18.525	ug/l #	97
25) 2-Butanone	6.82	43	216354	94.929	ug/l	99
26) 2,2-Dichloropropane	6.81	77	97361	17.871	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	65944	18.951	ug/l	95
28) Bromochloromethane	7.18	49	63226	18.504	ug/l	97
29) Tetrahydrofuran	7.19	42	138216	94.038	ug/l	99
30) Chloroform	7.36	83	128950	18.950	ug/l	99
31) Cyclohexane	7.64	56	102946	17.735	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	104502	18.437	ug/l	99
36) 1,1-Dichloropropene	7.78	75	83980	19.023	ug/l	98
37) Ethyl Acetate	6.91	43	89268	20.368	ug/l	97
38) Carbon Tetrachloride	7.76	117	85274	20.173	ug/l	99

Data File : VN057746.D
Acq On : 7 Sep 2019 12:32
Operator : JC/SP
Sample : VN0907WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Quant Time: Sep 08 06:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	89668	19.202	ug/l	97
40) Benzene	8.03	78	250037	20.024	ug/l	99
41) Methacrylonitrile	7.19	41	137375	64.121	ug/l #	22
42) 1,2-Dichloroethane	8.11	62	113616	19.411	ug/l	99
43) Isopropyl Acetate	8.15	43	157395	18.709	ug/l #	95
44) Trichloroethene	8.82	130	59138	21.072	ug/l	96
45) 1,2-Dichloropropane	9.11	63	71270	20.407	ug/l	99
46) Dibromomethane	9.20	93	45227	20.189	ug/l	96
47) Bromodichloromethane	9.40	83	92767	19.485	ug/l #	98
48) Methyl methacrylate	9.19	41	77720	17.963	ug/l	97
49) 1,4-Dioxane	9.19	88	19254	382.474	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	473877	101.429	ug/l	99
52) Toluene	10.15	92	152354	20.130	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	87008	18.216	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	98280	19.045	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	61863	20.311	ug/l	97
56) Ethyl methacrylate	10.43	69	96058	19.759	ug/l	97
57) 1,3-Dichloropropane	10.70	76	108372	19.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	242522	98.331	ug/l	99
59) 2-Hexanone	10.75	43	334933	101.664	ug/l	98
60) Dibromochloromethane	10.90	129	59950	19.431	ug/l	99
61) 1,2-Dibromoethane	11.00	107	62059	21.224	ug/l	100
64) Tetrachloroethene	10.63	164	50067	21.078	ug/l	92
65) Chlorobenzene	11.43	112	165087	20.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	59881	21.654	ug/l	95
67) Ethyl Benzene	11.51	91	308404	20.112	ug/l	99
68) m/p-Xylenes	11.62	106	215902	40.879	ug/l	98
69) o-Xylene	11.95	106	103587	19.808	ug/l	96
70) Styrene	11.96	104	183509	20.280	ug/l	97
71) Bromoform	12.13	173	35433	19.277	ug/l #	99
73) Isopropylbenzene	12.25	105	301655	19.452	ug/l	99
74) N-amyl acetate	12.07	43	137883	17.799	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	91803	19.742	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	111178	27.601	ug/l #	100
77) Bromobenzene	12.53	156	71723	21.289	ug/l	86
78) n-propylbenzene	12.59	91	350769	19.038	ug/l	97
79) 2-Chlorotoluene	12.68	91	208858	18.621	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	256227	19.450	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	20074	15.499	ug/l	93
82) 4-Chlorotoluene	12.78	91	217723	18.847	ug/l	98
83) tert-Butylbenzene	13.00	119	220396	19.845	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	251813	19.297	ug/l	100
85) sec-Butylbenzene	13.17	105	291044	19.022	ug/l	98
86) p-Isopropyltoluene	13.29	119	254987	19.665	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	125461	19.920	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	126638	20.099	ug/l	100
89) n-Butylbenzene	13.62	91	238958	18.634	ug/l	100
90) Hexachloroethane	13.88	117	38706	19.051	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	126963	20.475	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17612	19.224	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090719\
Quantitation Report (Not Reviewed)

Data File : VN057746.D
Acq On : 7 Sep 2019 12:32
Operator : JC/SP
Sample : VN0907WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Quant Time: Sep 08 06:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	75356	20.313	ug/l	98
94) Hexachlorobutadiene	15.01	225	40095	22.174	ug/l	98
95) Naphthalene	15.13	128	208787	19.400	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	73057	20.545	ug/l	99

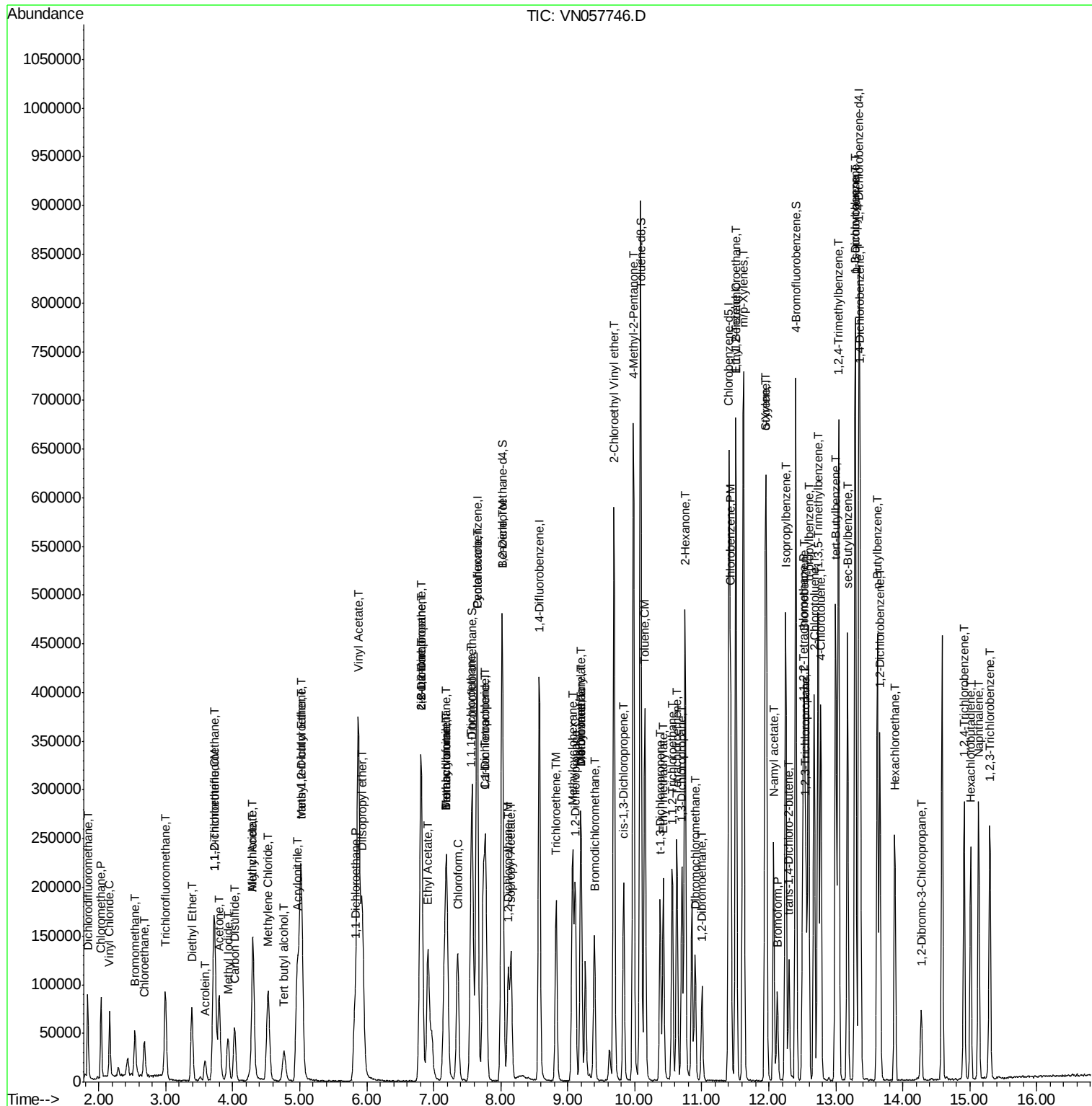
(#) = qualifier out of range (m) = manual integration (+) = signals summed

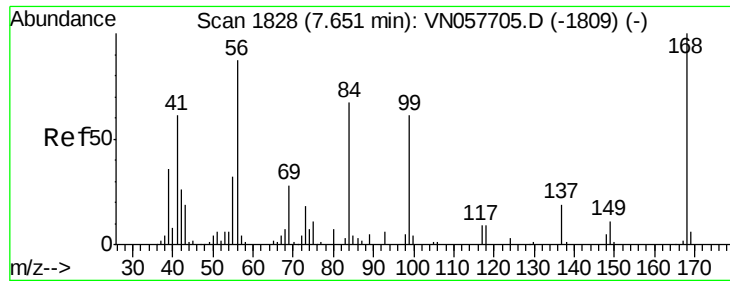
Data File : VN057746.D

```
Acq On       : 7 Sep 2019 12:32
Operator    : JC/SP
Sample      : VN0907WBS01
Misc       : 5.00mL/MSV0A_N/WATER
ALS Vial    : 7 Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Quant Time: Sep 08 06:31:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

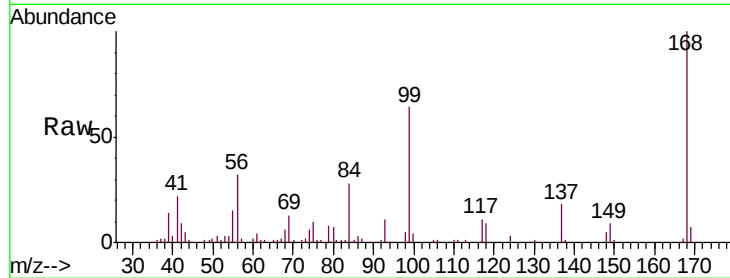
VN0907WBS01

Tgt Ion:168 Resp: 212584

Ion Ratio Lower Upper

168 100

99 63.1 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

80000

60000

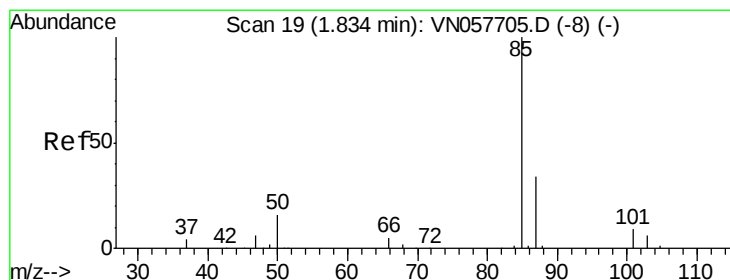
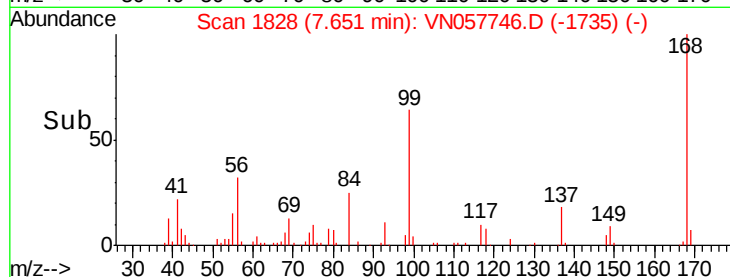
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.525 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057746.D

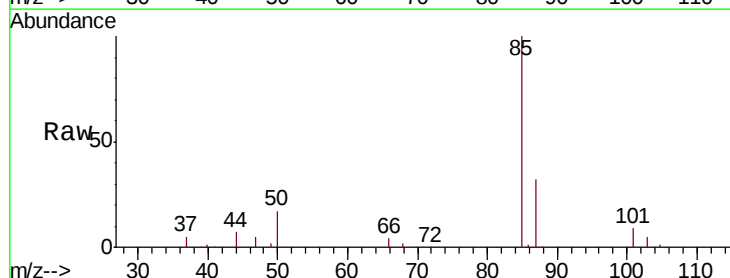
Acq: 7 Sep 2019 12:32

Tgt Ion: 85 Resp: 62538

Ion Ratio Lower Upper

85 100

87 32.5 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

30000

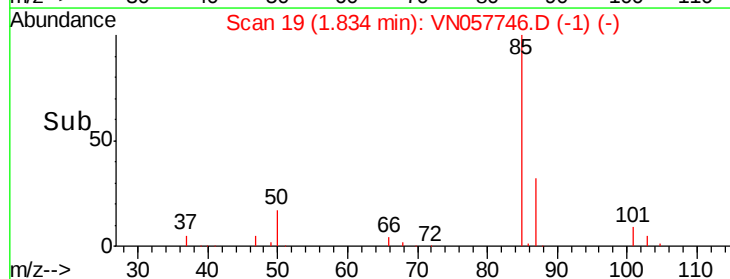
20000

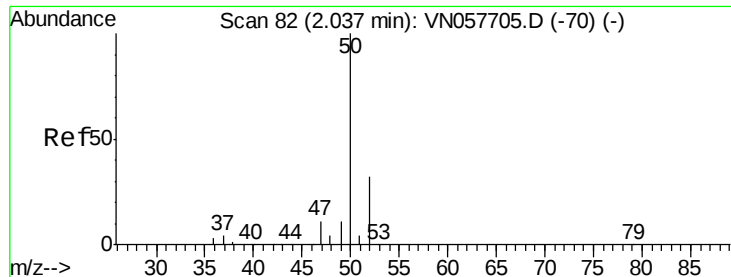
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 12.217 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

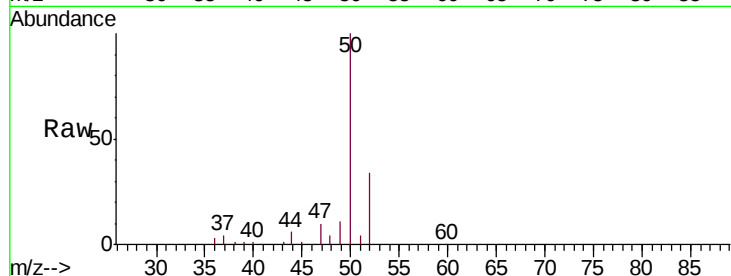
VN0907WBS01

Tgt Ion: 50 Resp: 59398

Ion Ratio Lower Upper

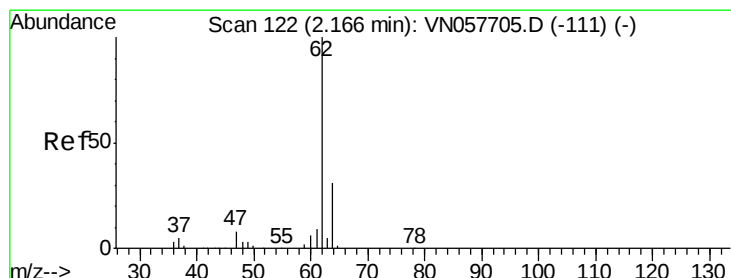
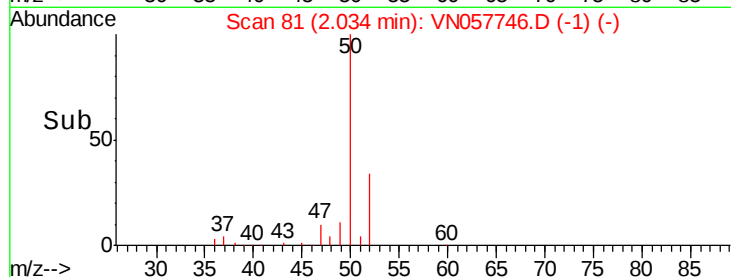
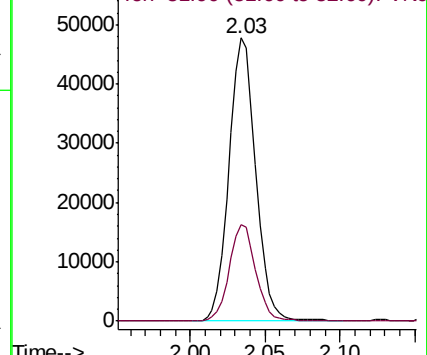
50 100

52 34.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.498 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN057746.D

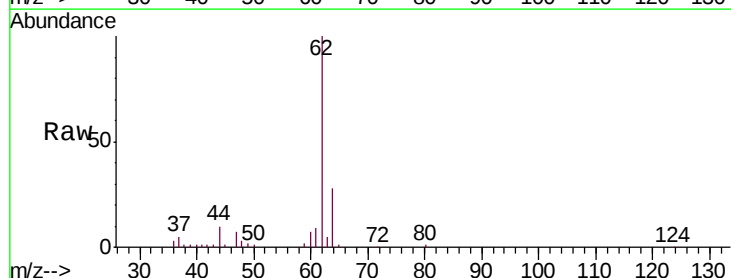
Acq: 7 Sep 2019 12:32

Tgt Ion: 62 Resp: 54080

Ion Ratio Lower Upper

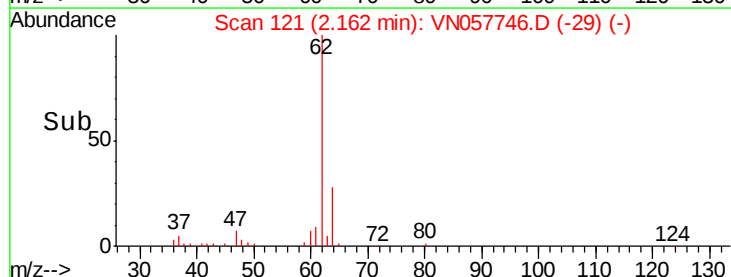
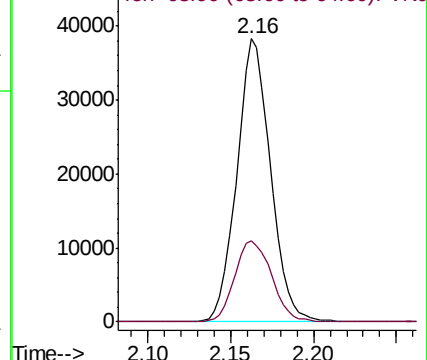
62 100

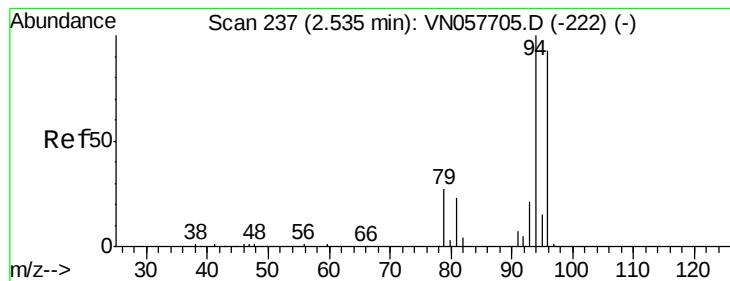
64 28.5 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 22.142 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

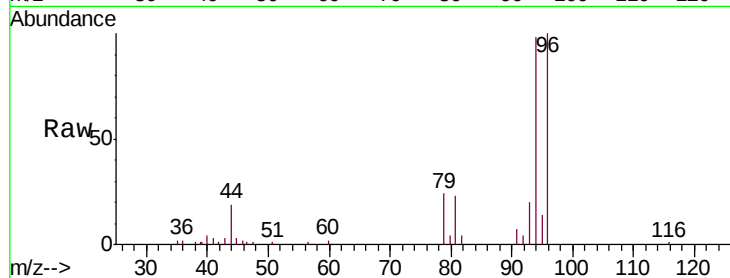
VN0907WBS01

Tgt Ion: 94 Resp: 29731

Ion Ratio Lower Upper

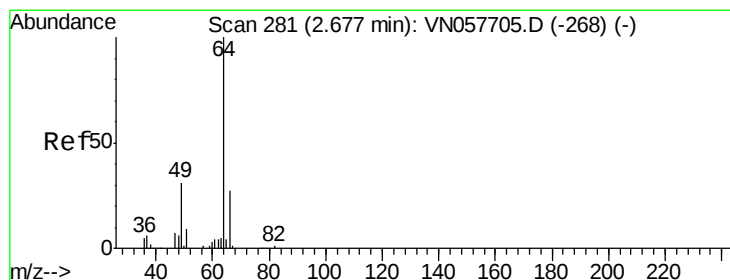
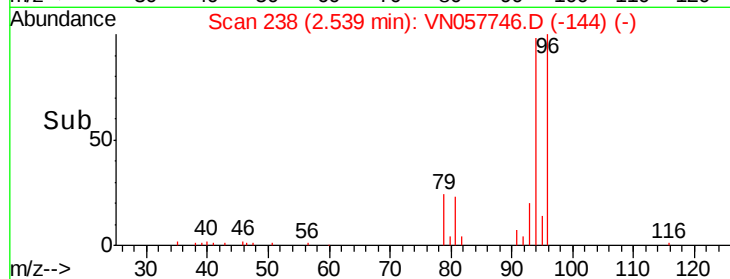
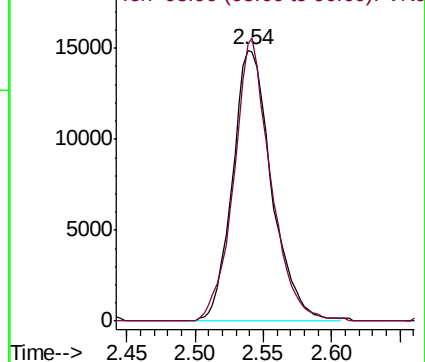
94 100

96 102.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.900 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN057746.D

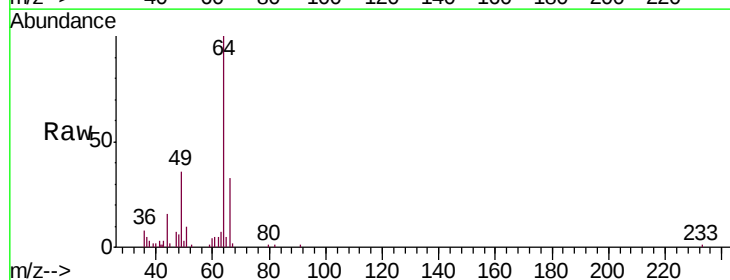
Acq: 7 Sep 2019 12:32

Tgt Ion: 64 Resp: 30895

Ion Ratio Lower Upper

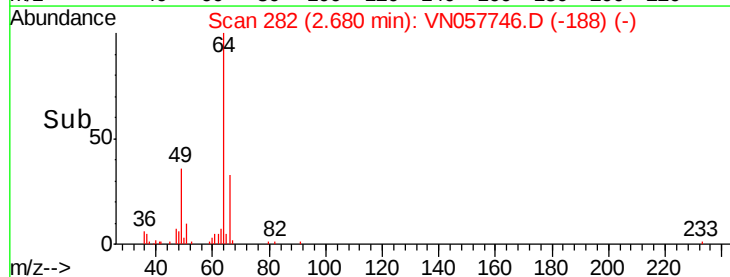
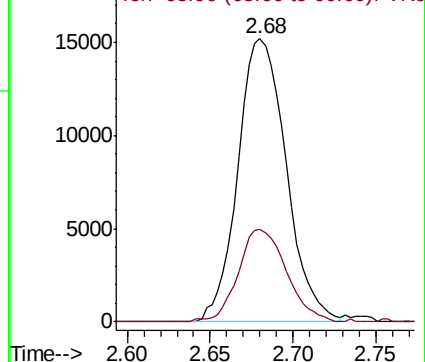
64 100

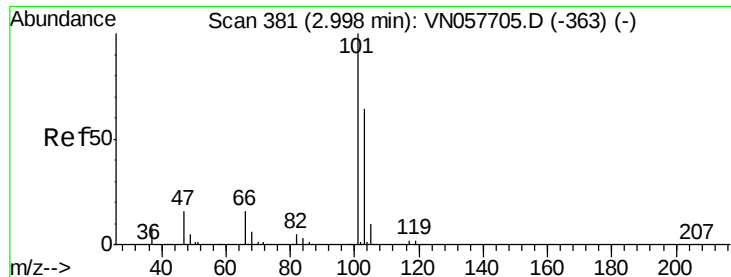
66 32.7 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



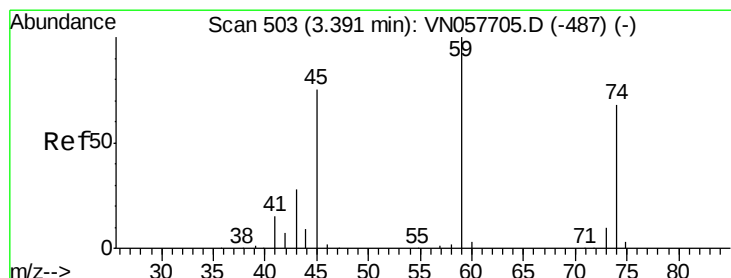
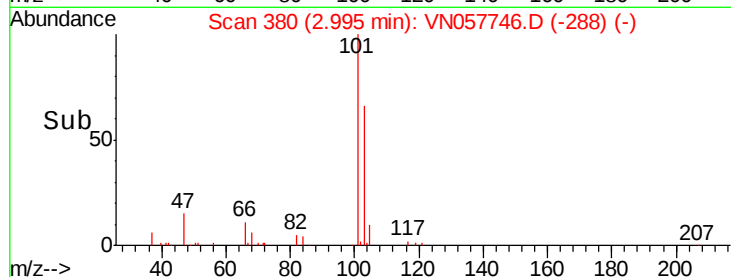
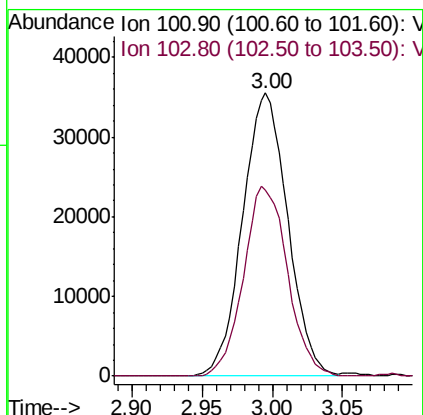
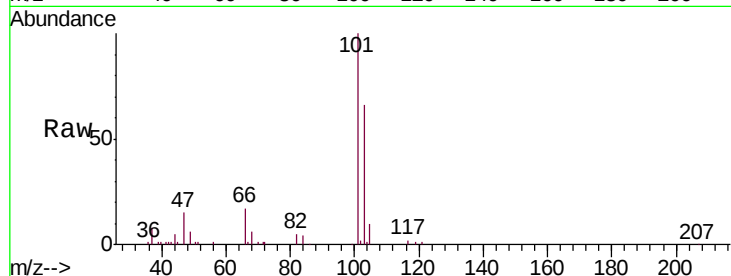


#7

Trichlorofluoromethane
Concen: 16.922 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

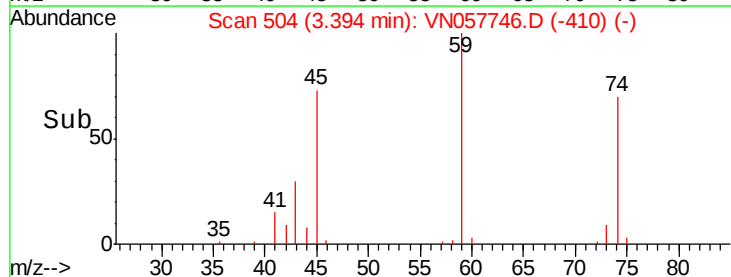
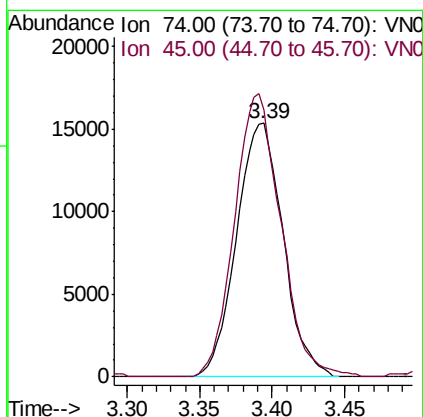
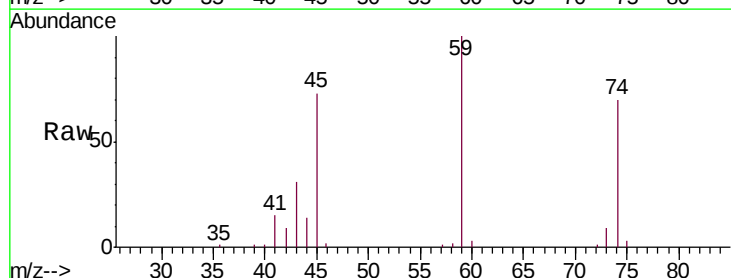
Tgt Ion:101 Resp: 79398
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0

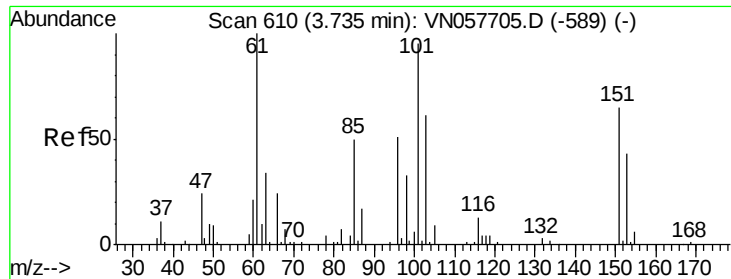


#8

Diethyl Ether
Concen: 18.279 ug/l
RT: 3.39 min Scan# 504
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 74 Resp: 34269
Ion Ratio Lower Upper
74 100
45 111.1 55.4 166.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.287 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

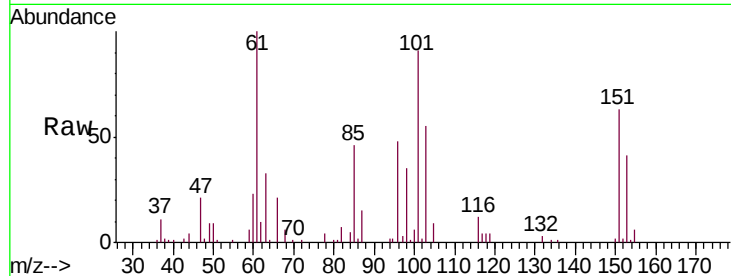
Tgt Ion:101 Resp: 56477

Ion Ratio Lower Upper

101 100

85 48.3 42.8 64.2

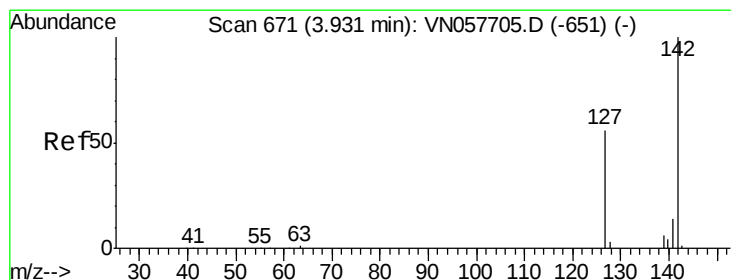
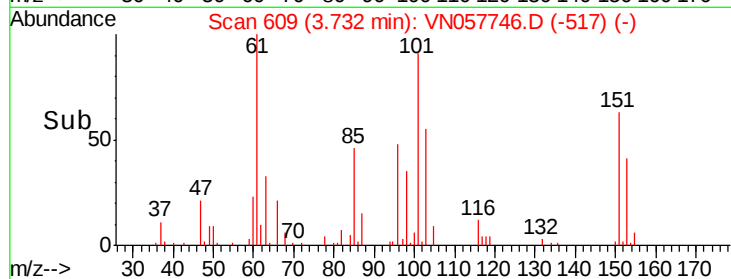
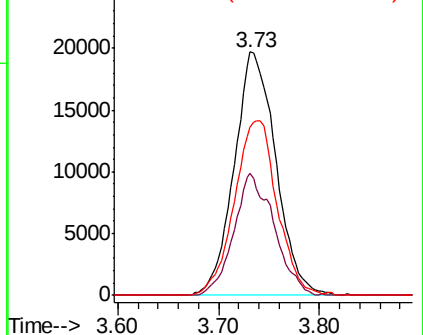
151 73.5 55.5 83.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.692 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

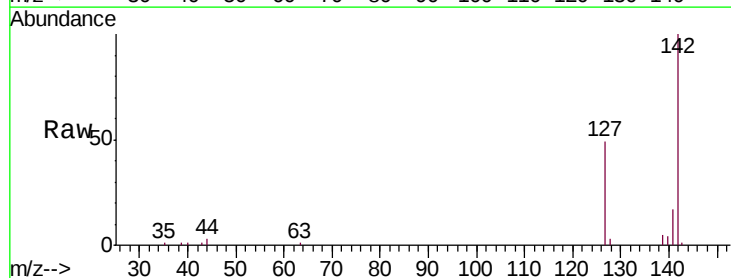
Tgt Ion:142 Resp: 65837

Ion Ratio Lower Upper

142 100

127 50.6 42.1 63.1

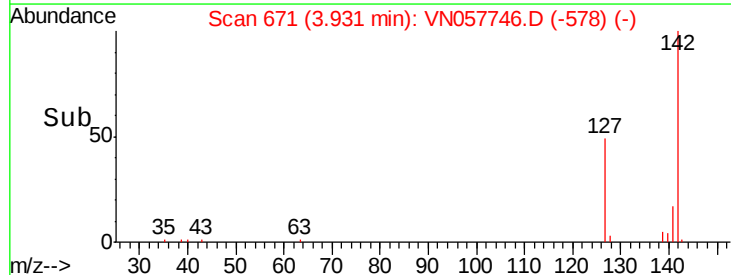
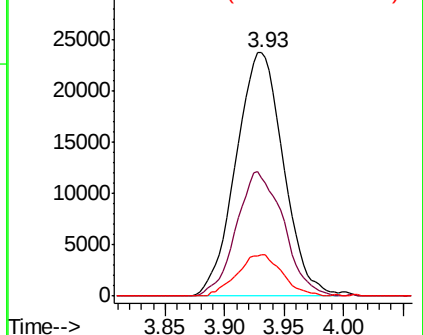
141 16.2 11.0 16.4

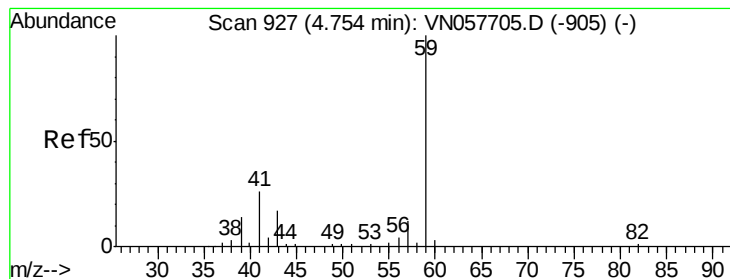


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



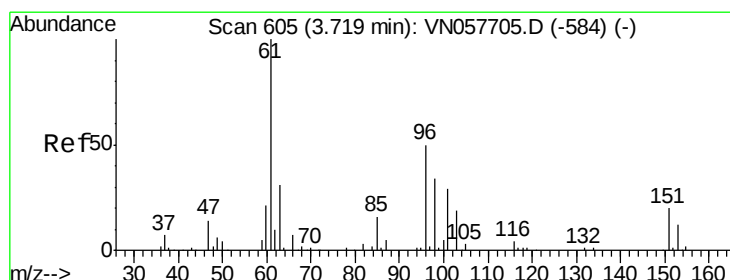
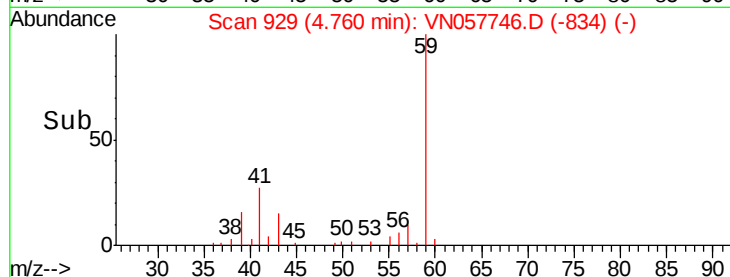
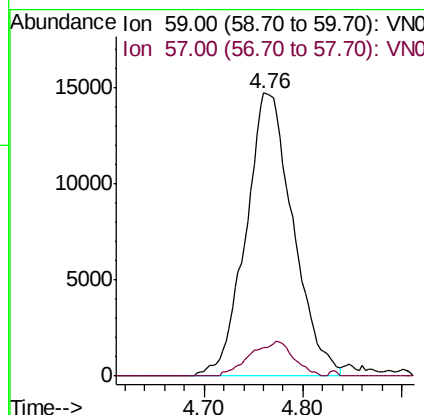
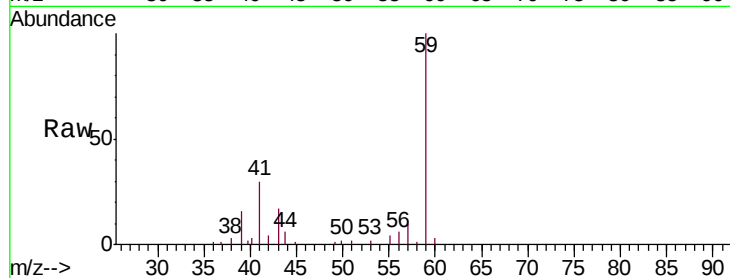


#11

Tert butyl alcohol
 Concen: 82.971 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

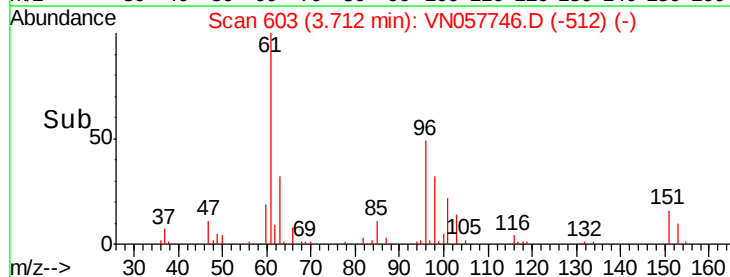
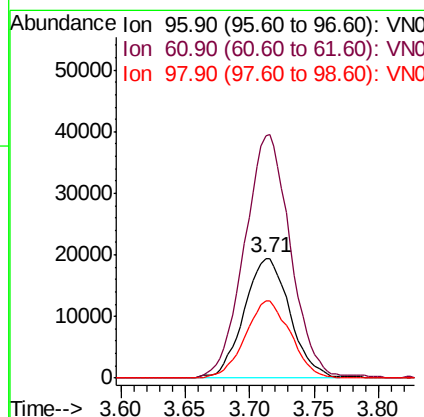
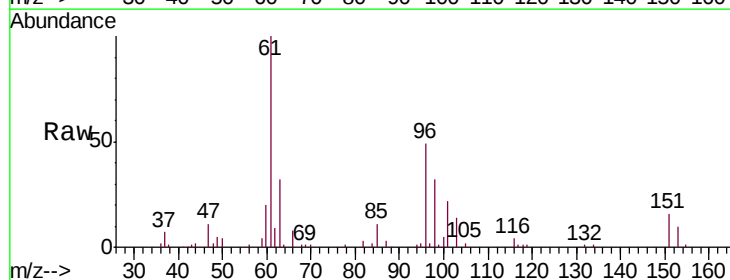
Tgt Ion: 59 Resp: 48752
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.9 13.3

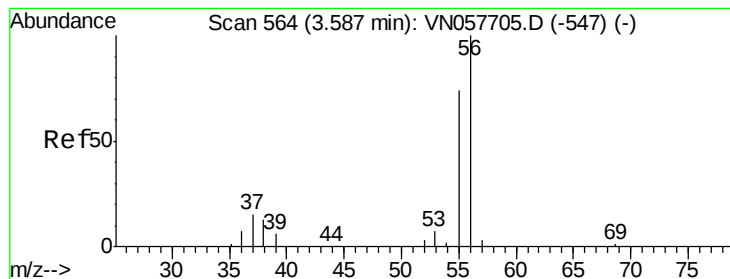


#12

1,1-Dichloroethene
 Concen: 18.290 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Tgt Ion: 96 Resp: 48188
 Ion Ratio Lower Upper
 96 100
 61 202.5 158.7 238.1
 98 64.9 53.8 80.8





#13

Acrolein

Concen: 79.932 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

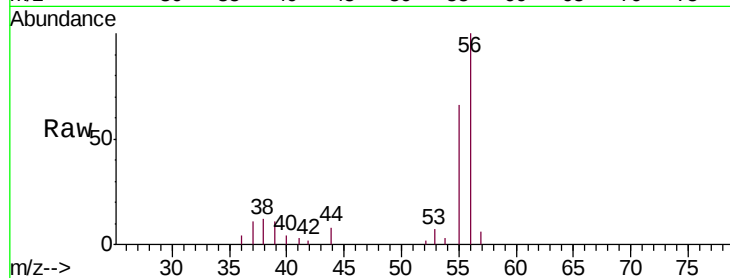
VN0907WBS01

Tgt Ion: 56 Resp: 22336

Ion Ratio Lower Upper

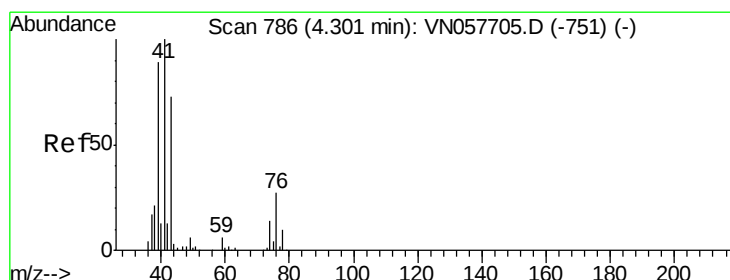
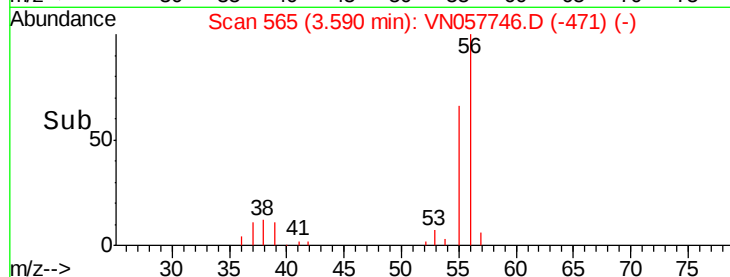
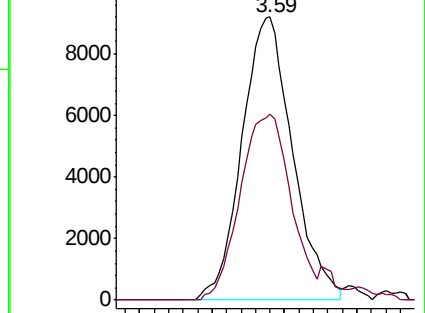
56 100

55 65.8 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.493 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

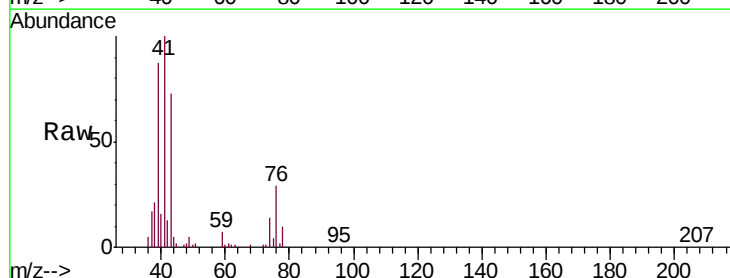
Tgt Ion: 41 Resp: 105319

Ion Ratio Lower Upper

41 100

39 82.5 67.5 101.3

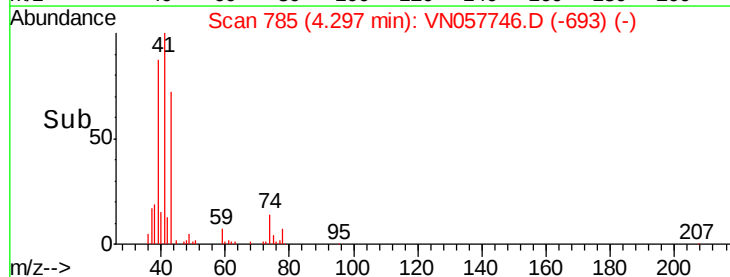
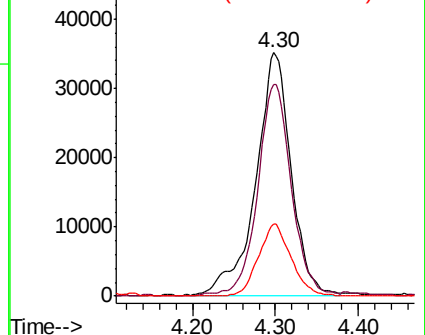
76 27.1 21.4 32.2

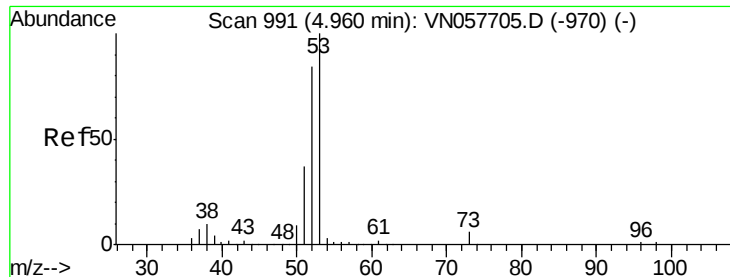


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

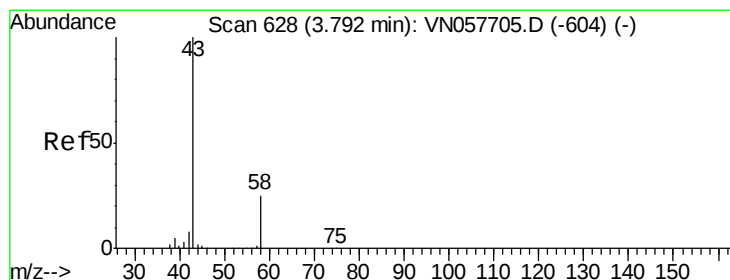
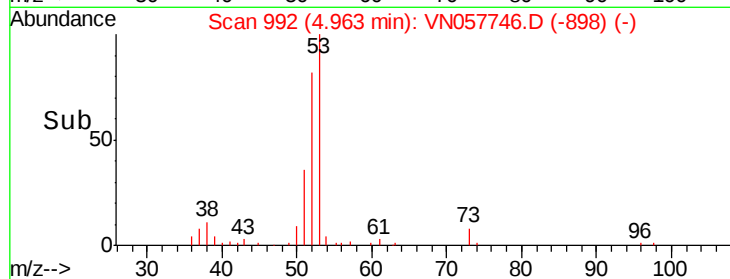
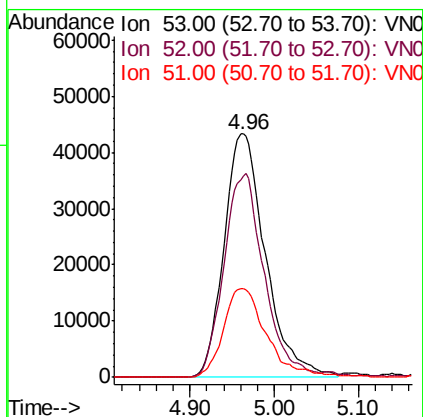
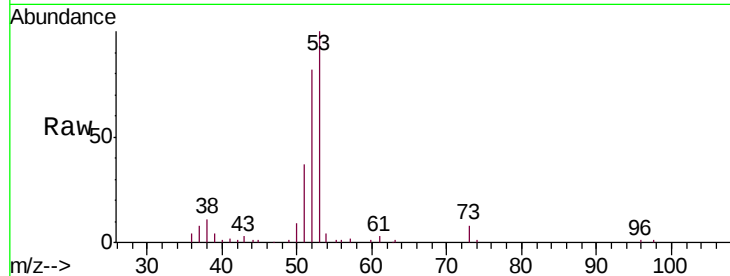




#15
 Acrylonitrile
 Concen: 97.691 ug/l
 RT: 4.96 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

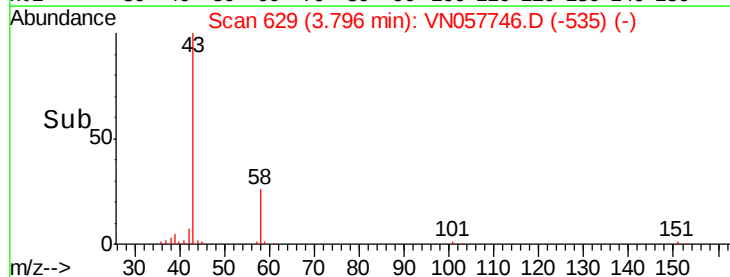
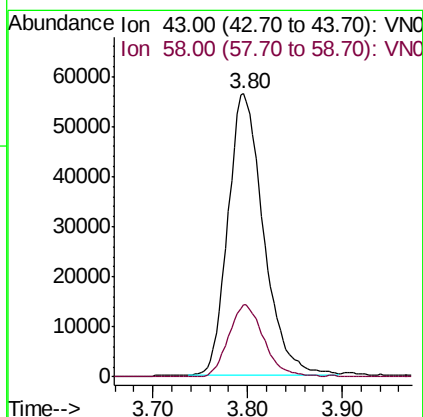
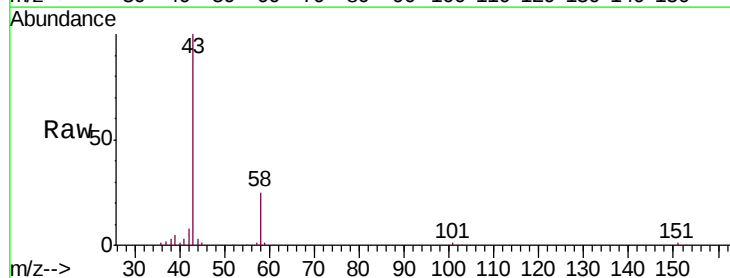
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

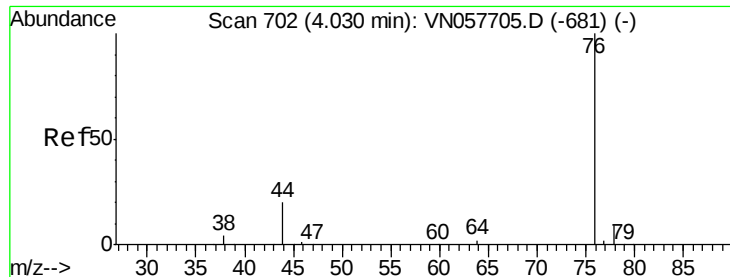
Tgt Ion: 53 Resp: 147576
 Ion Ratio Lower Upper
 53 100
 52 81.2 68.1 102.1
 51 38.0 30.4 45.6



#16
 Acetone
 Concen: 92.277 ug/l
 RT: 3.80 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Tgt Ion: 43 Resp: 146856
 Ion Ratio Lower Upper
 43 100
 58 25.6 19.8 29.8

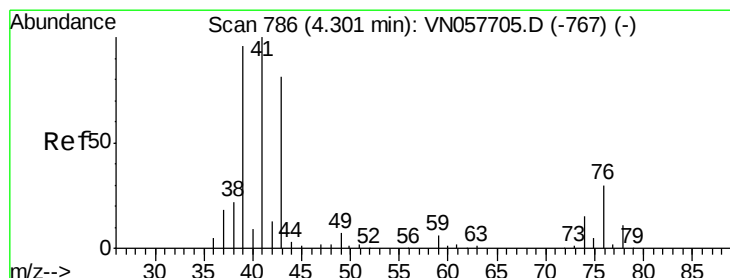
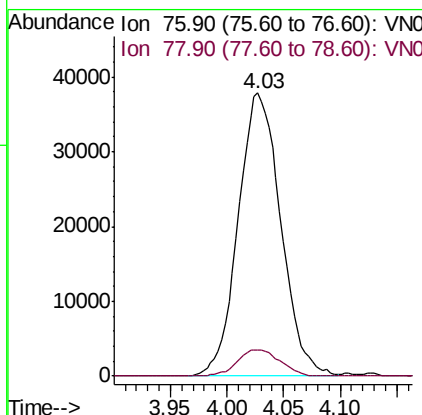
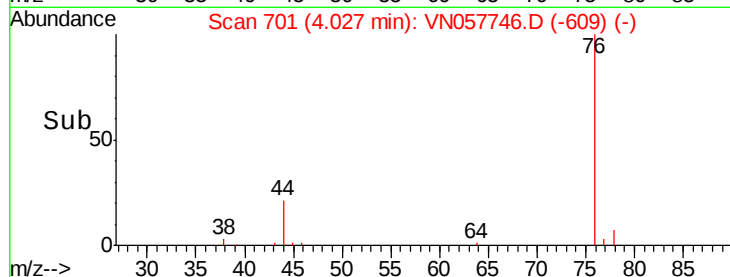
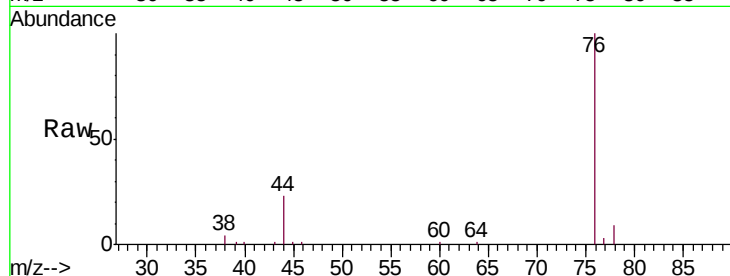




#17
Carbon Disulfide
Concen: 16.599 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

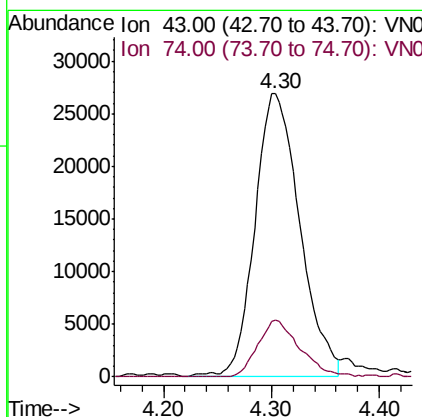
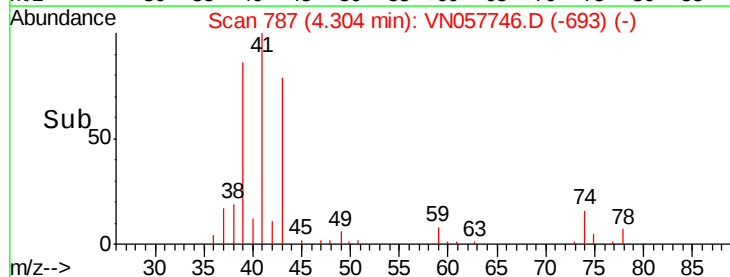
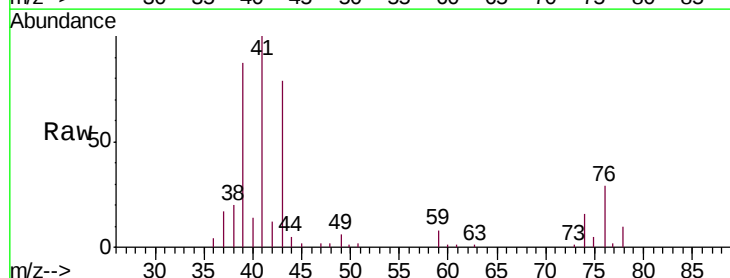
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

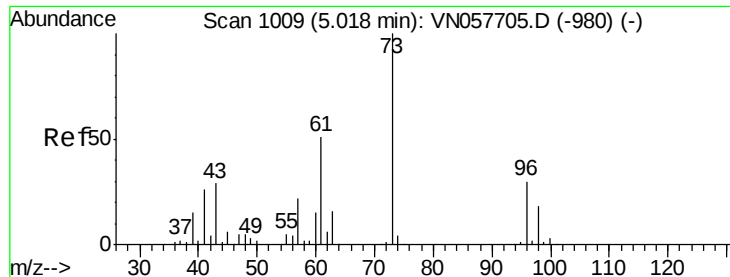
Tgt Ion: 76 Resp: 99081
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 18.001 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 43 Resp: 77906
Ion Ratio Lower Upper
43 100
74 18.7 15.3 22.9

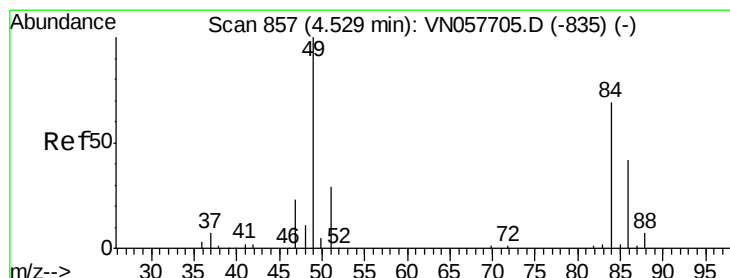
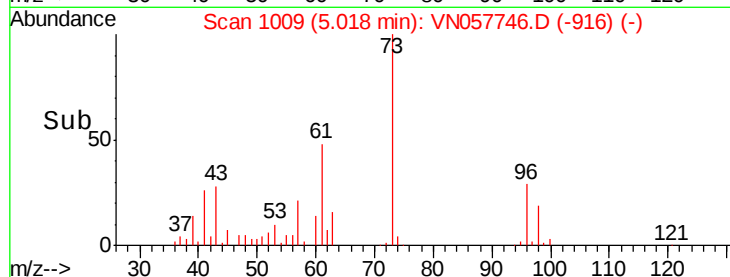
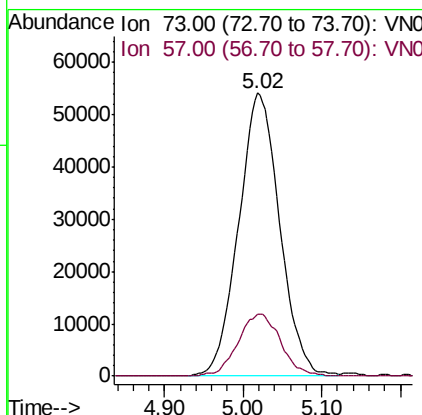
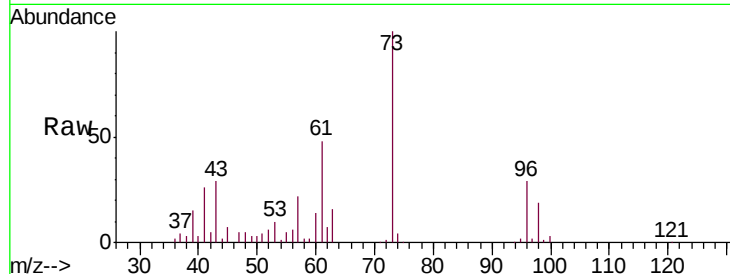




#19
Methyl tert-butyl Ether
Concen: 17.978 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

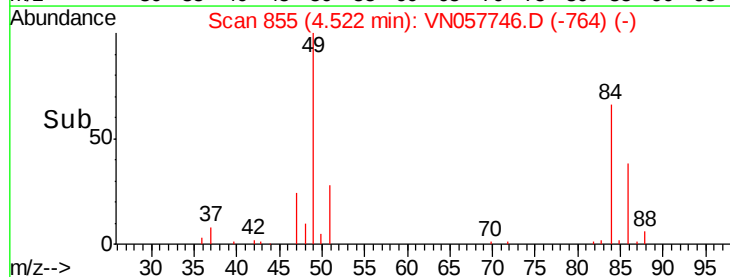
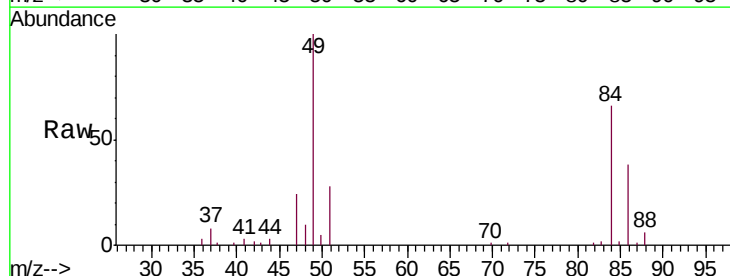
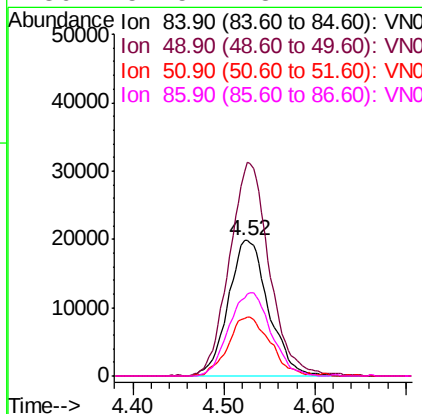
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

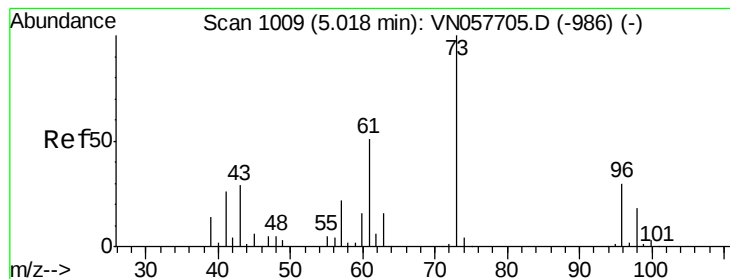
Tgt Ion: 73 Resp: 198846
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 17.720 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.01 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 84 Resp: 60976
Ion Ratio Lower Upper
84 100
49 151.3 115.0 172.6
51 42.3 33.8 50.8
86 57.5 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 18.997 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

VN0907WBS01

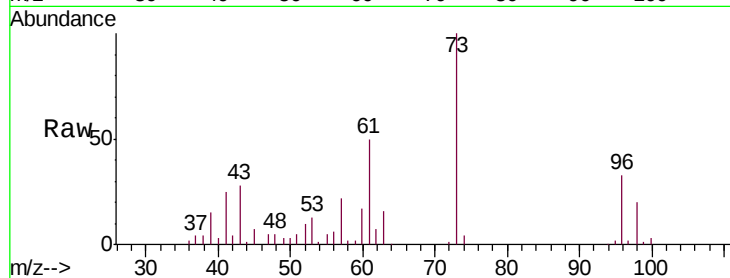
Tgt Ion: 96 Resp: 52666

Ion Ratio Lower Upper

96 100

61 150.0 135.8 203.8

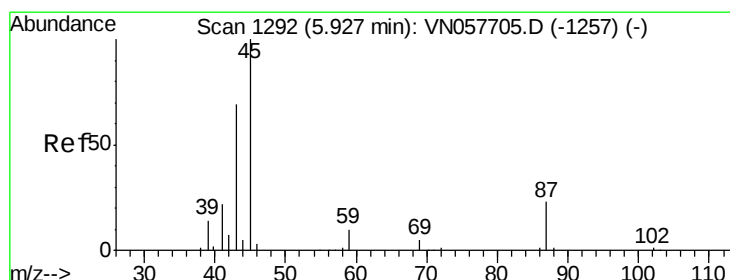
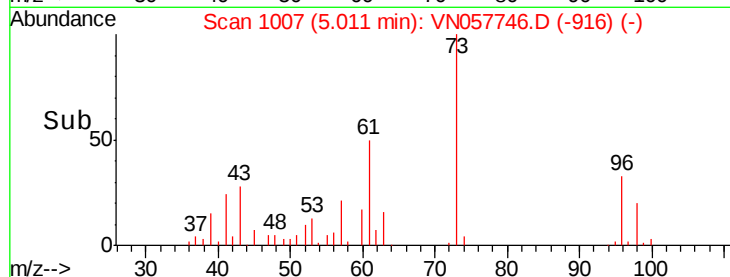
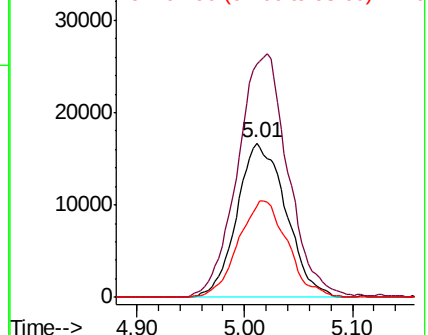
98 59.0 49.0 73.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.426 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Tgt Ion: 45 Resp: 234673

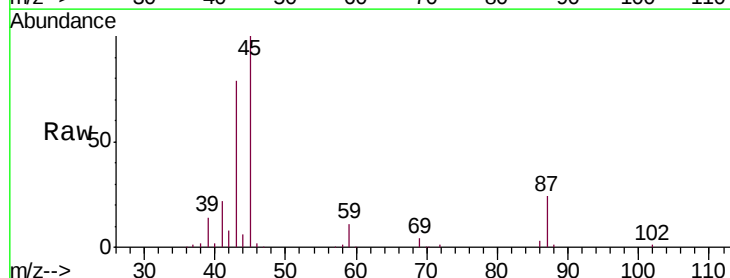
Ion Ratio Lower Upper

45 100

43 76.1 55.5 83.3

87 23.3 18.6 28.0

59 10.5 7.9 11.9

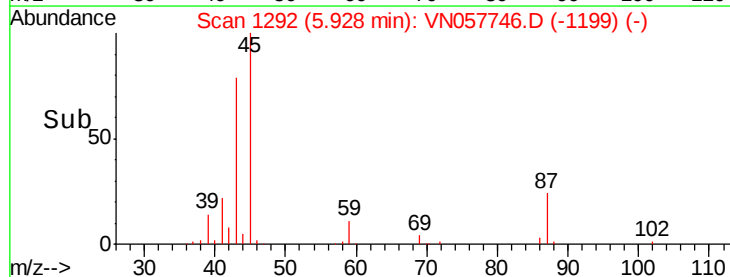
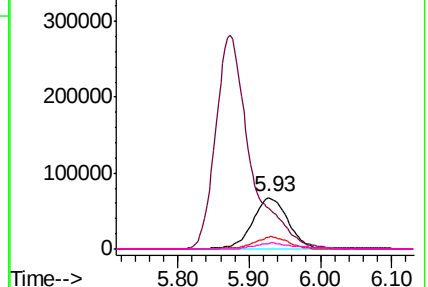


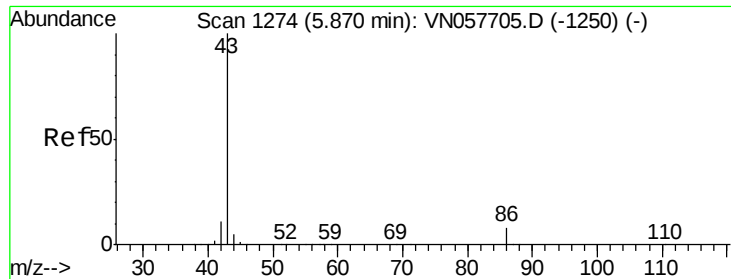
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

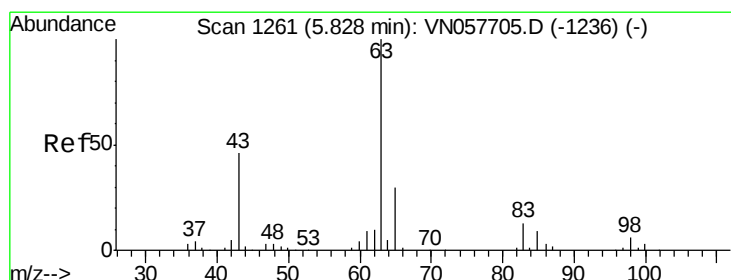
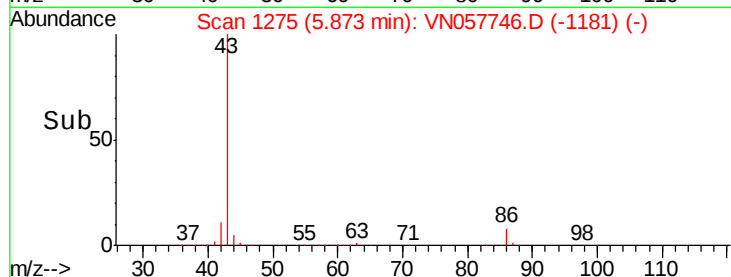
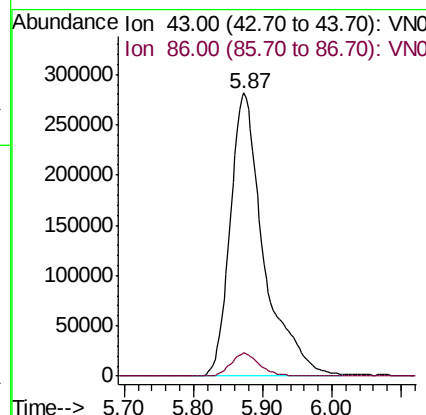
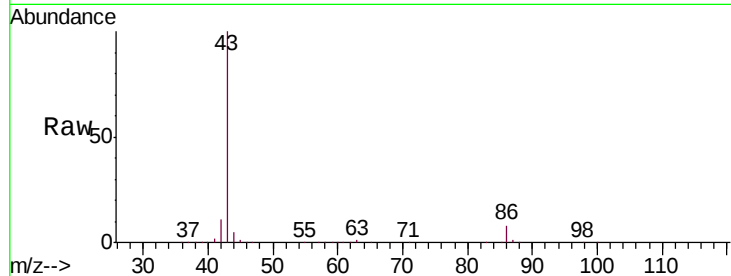




#23
 Vinyl Acetate
 Concen: 92.157 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

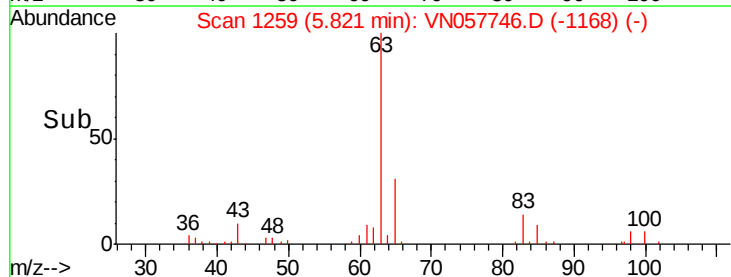
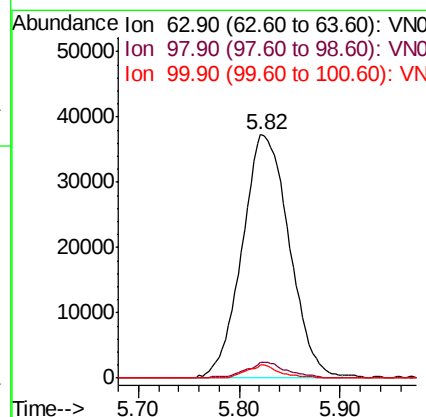
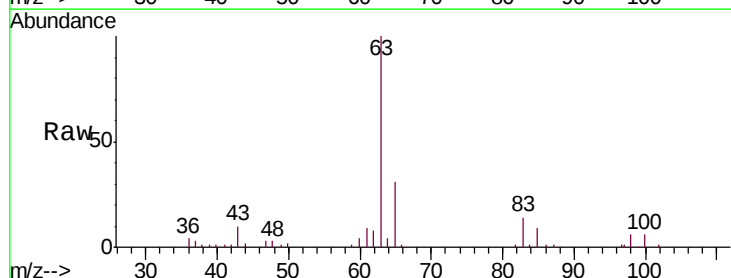
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

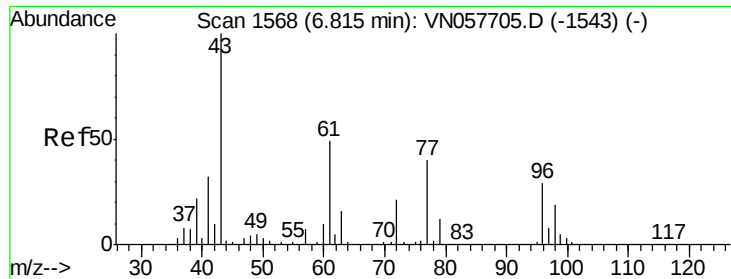
Tgt Ion: 43 Resp: 950001
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.2 9.4



#24
 1,1-Dichloroethane
 Concen: 18.525 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Tgt Ion: 63 Resp: 120975
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.8
 100 5.5 1.7 5.0#

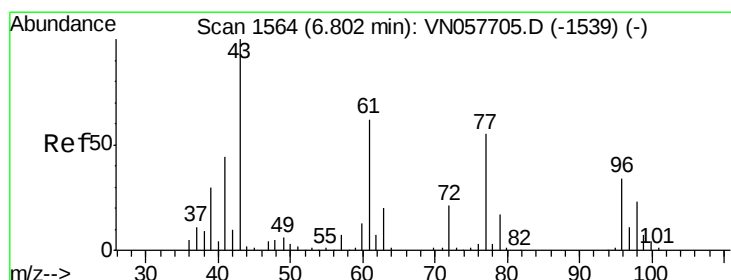
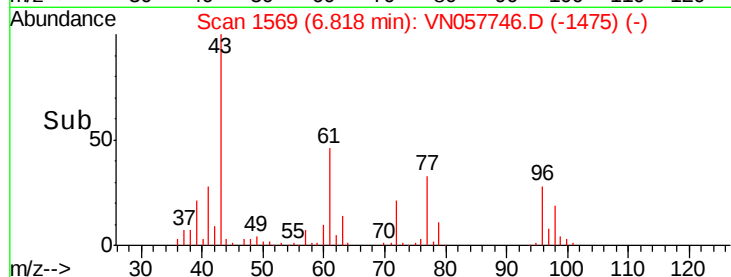
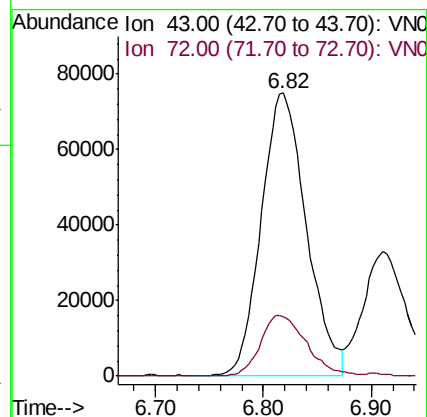
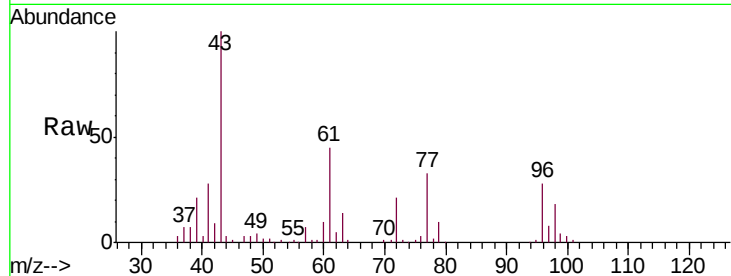




#25
2-Butanone
Concen: 94.929 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

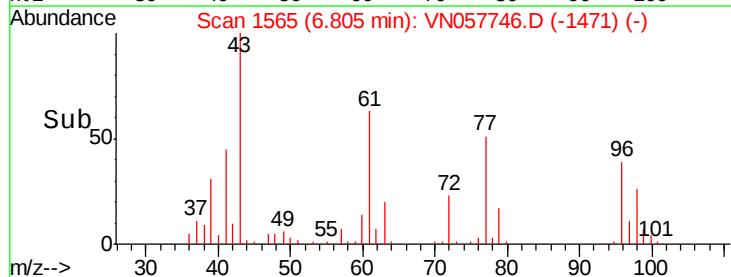
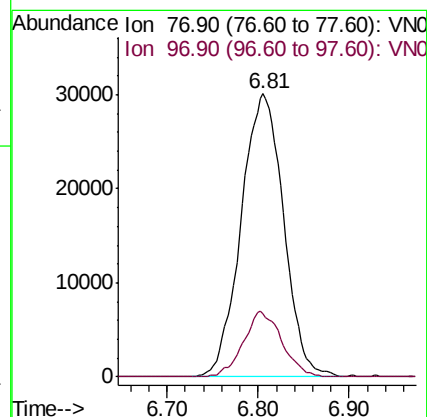
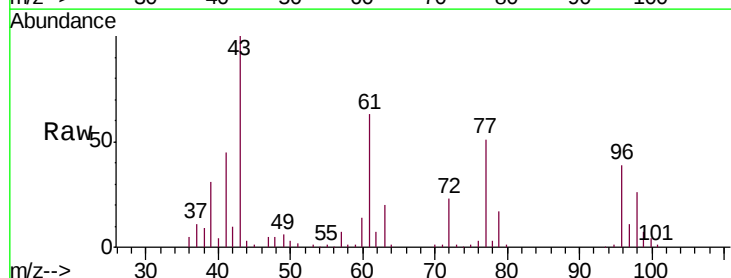
Instrument :
MSVOA_N
ClientSampled :
VN0907WBS01

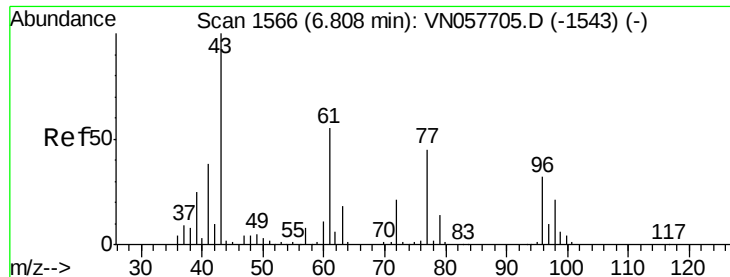
Tgt Ion: 43 Resp: 216354
Ion Ratio Lower Upper
43 100
72 21.0 17.0 25.6



#26
2,2-Dichloropropane
Concen: 17.871 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 77 Resp: 97361
Ion Ratio Lower Upper
77 100
97 21.0 10.1 30.1





#27

cis-1,2-Dichloroethene

Concen: 18.951 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

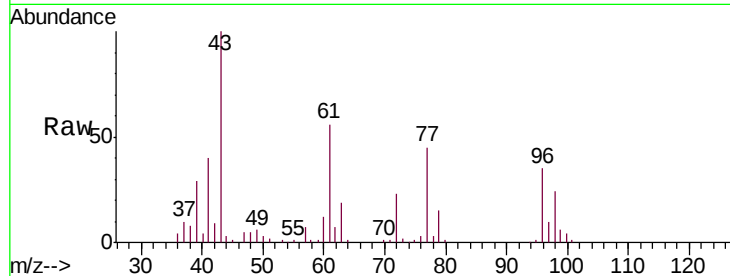
Tgt Ion: 96 Resp: 65944

Ion Ratio Lower Upper

96 100

61 171.6 0.0 360.6

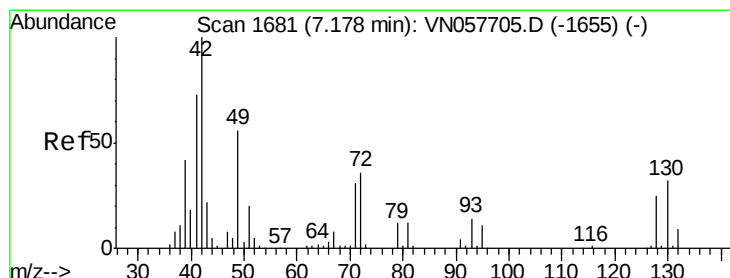
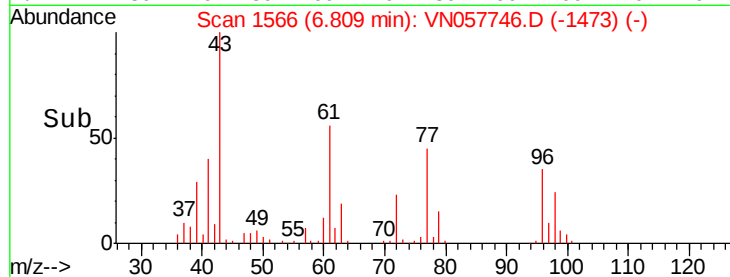
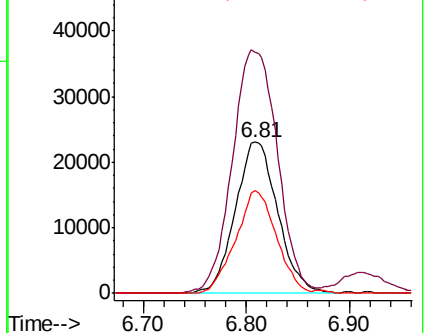
98 65.3 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.504 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

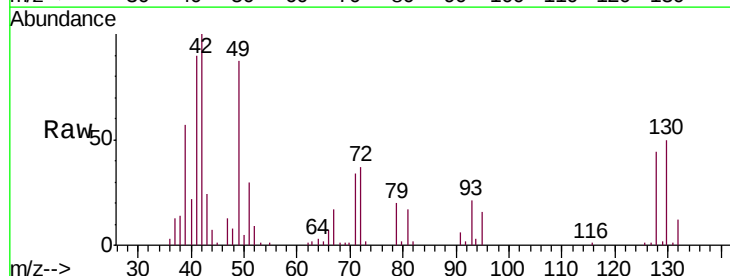
Tgt Ion: 49 Resp: 63226

Ion Ratio Lower Upper

49 100

129 0.6 0.0 2.4

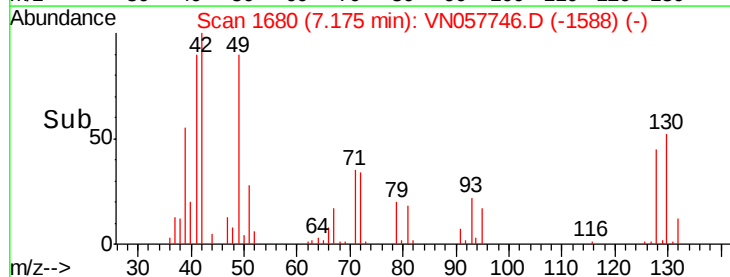
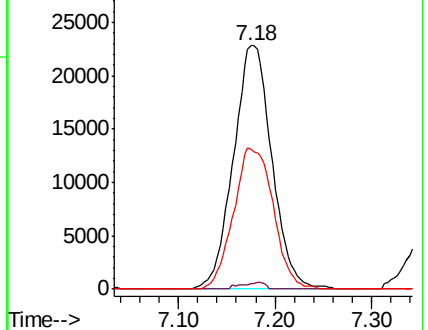
130 59.7 45.8 68.8

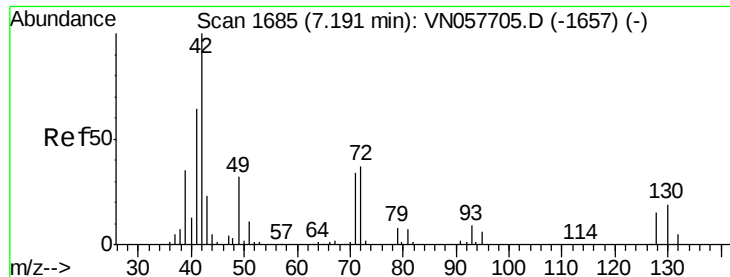


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

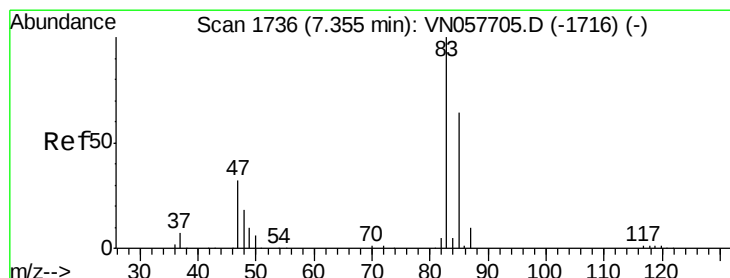
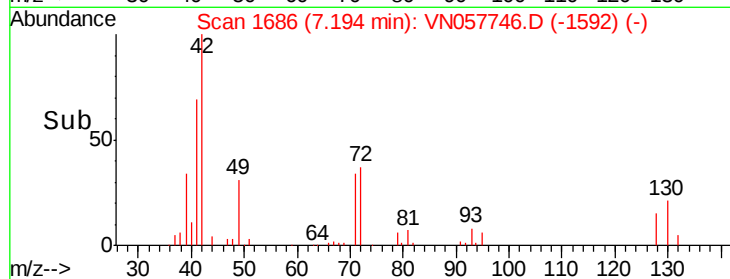
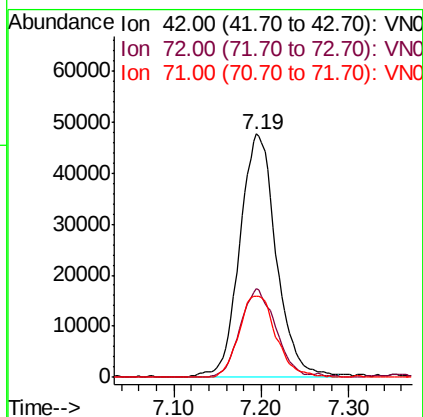
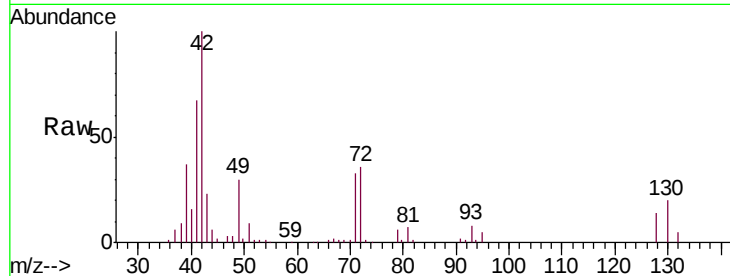




#29
Tetrahydrofuran
Concen: 94.038 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

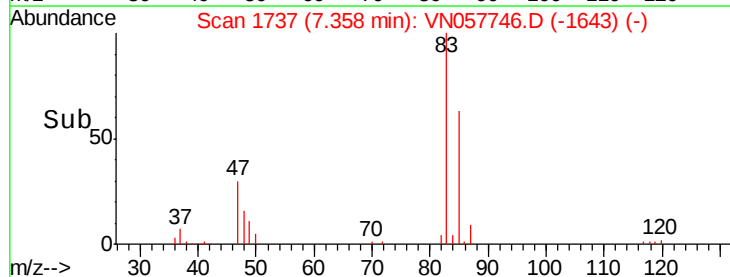
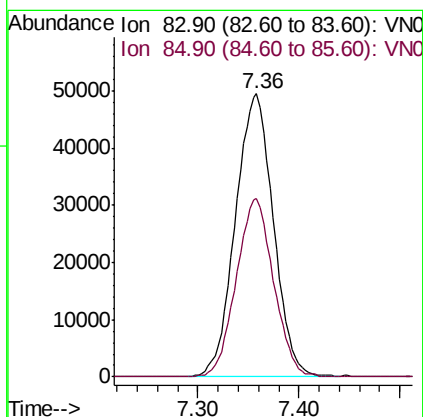
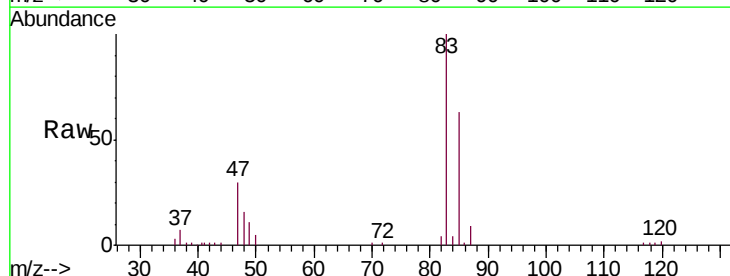
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

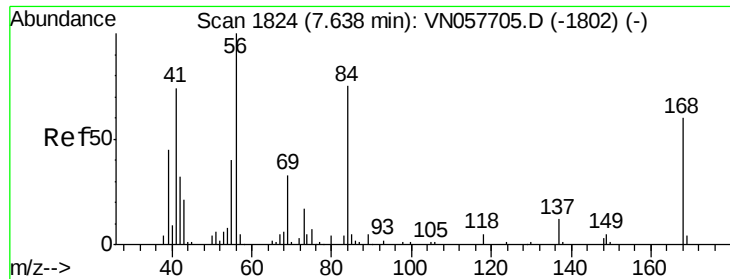
Tgt Ion: 42 Resp: 138216
Ion Ratio Lower Upper
42 100
72 35.5 29.2 43.8
71 34.0 27.0 40.4



#30
Chloroform
Concen: 18.950 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 83 Resp: 128950
Ion Ratio Lower Upper
83 100
85 63.2 51.3 76.9

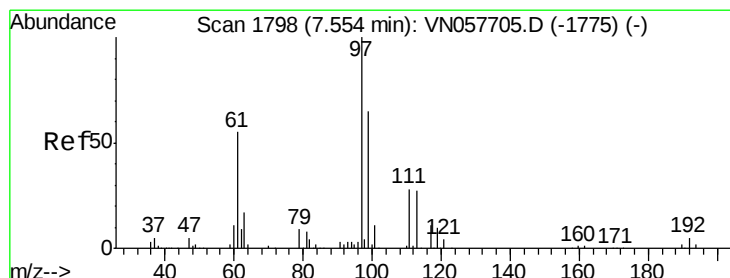
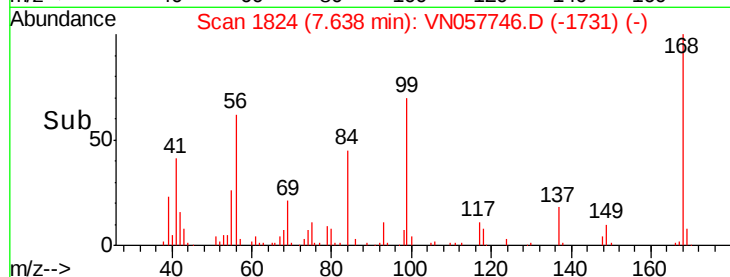
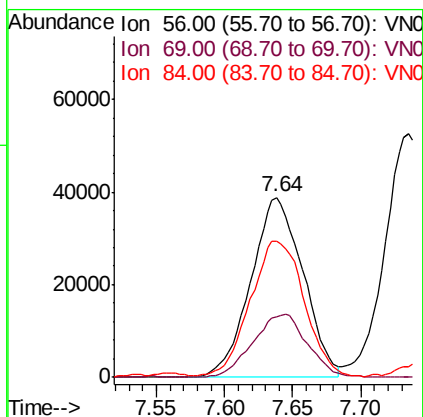
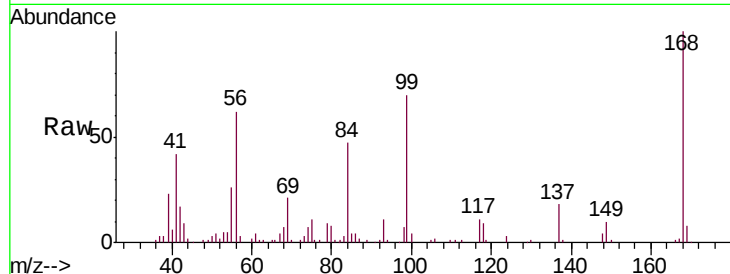




#31
Cyclohexane
Concen: 17.735 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

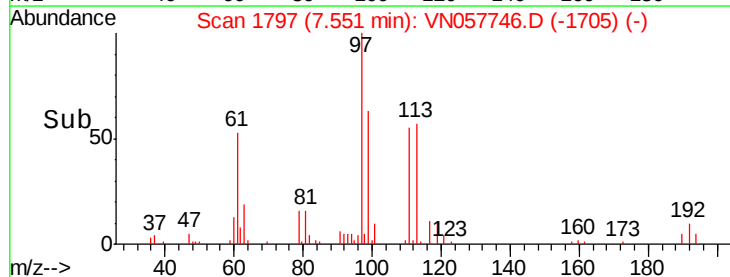
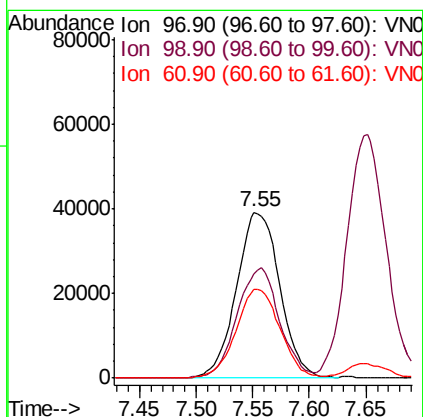
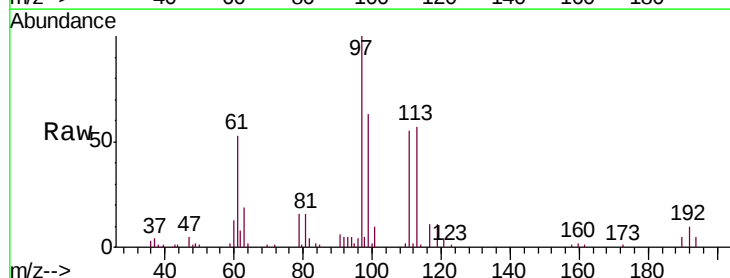
Instrument :
MSVOA_N
ClientSampled :
VN0907WBS01

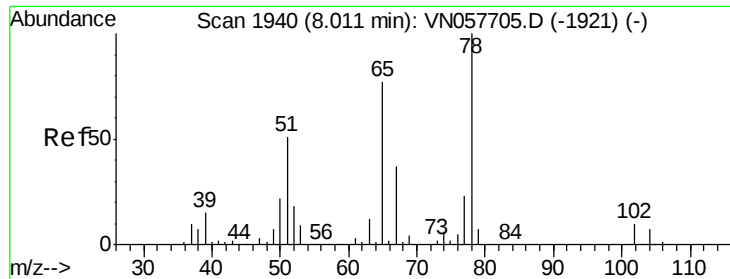
Tgt Ion: 56 Resp: 102946
Ion Ratio Lower Upper
56 100
69 34.0 26.2 39.2
84 75.0 59.8 89.8



#32
1,1,1-Trichloroethane
Concen: 18.437 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 97 Resp: 104502
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 54.4 42.8 64.2

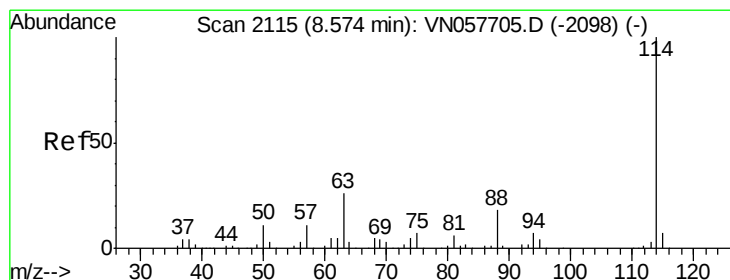
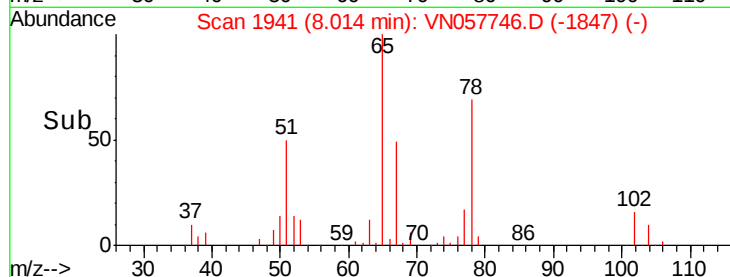
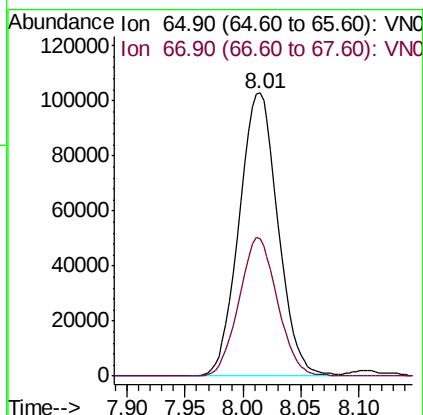
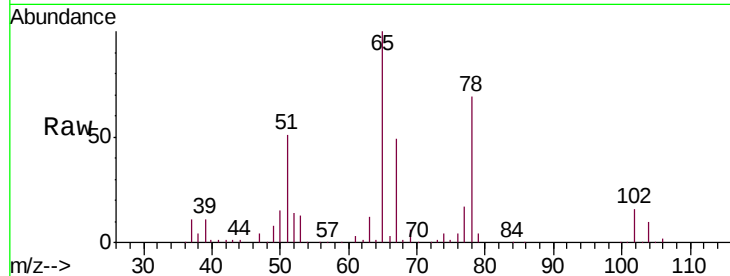




#33
 1,2-Dichloroethane-d4
 Concen: 46.460 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

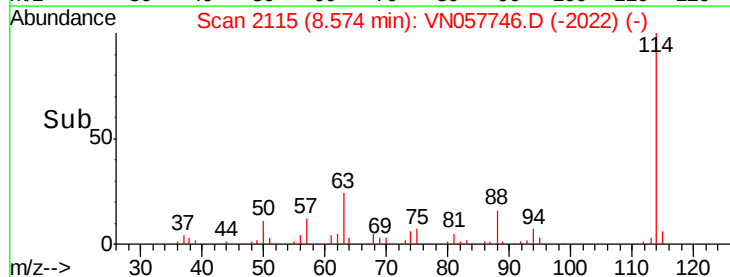
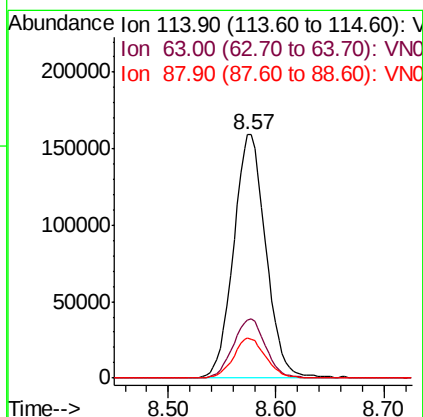
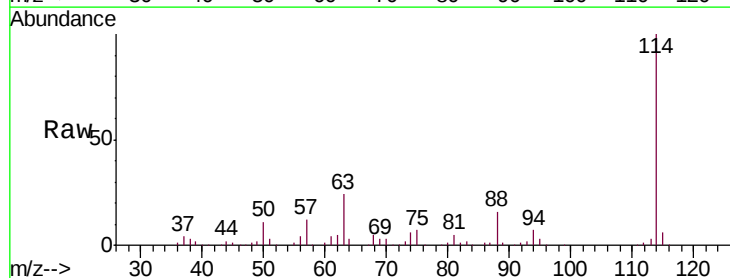
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

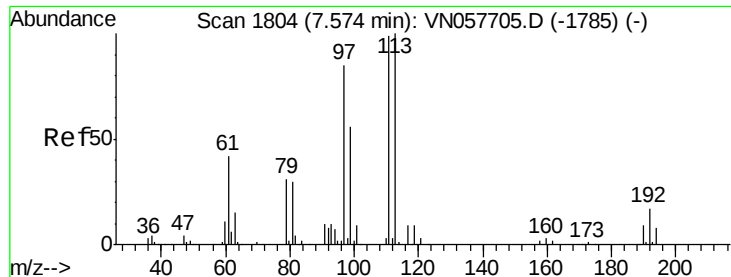
Tgt Ion: 65 Resp: 240269
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Tgt Ion: 114 Resp: 331851
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 52.4
 88 16.2 0.0 35.4

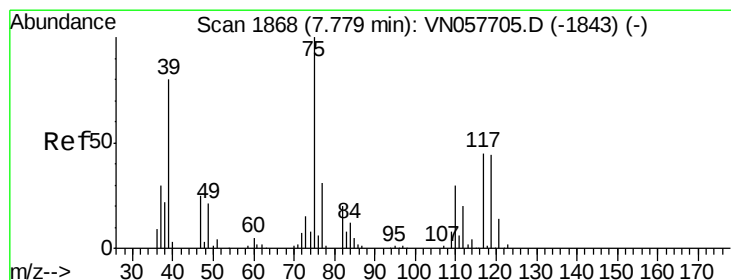
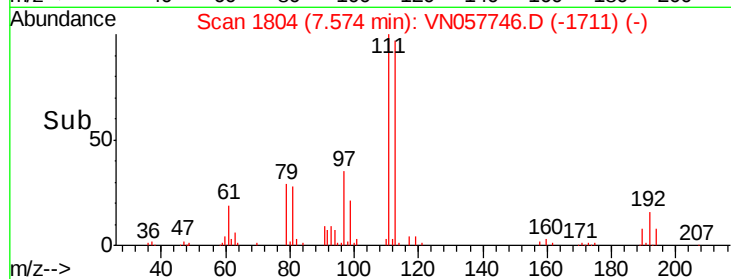
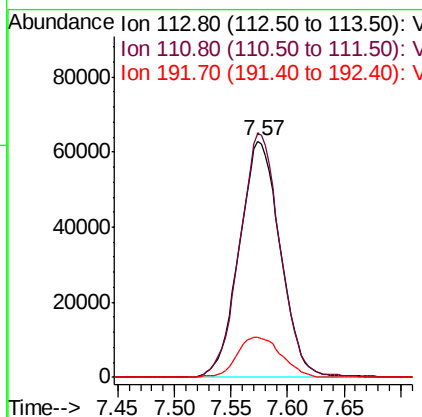
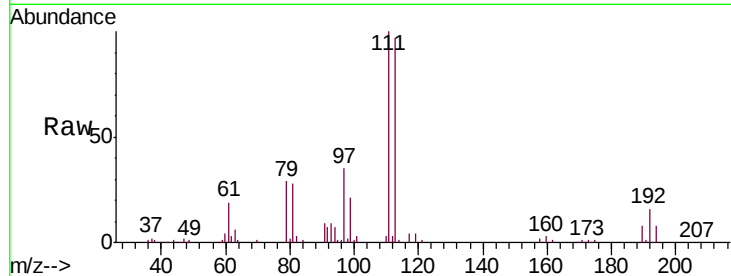




#35
 Dibromofluoromethane
 Concen: 52.430 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

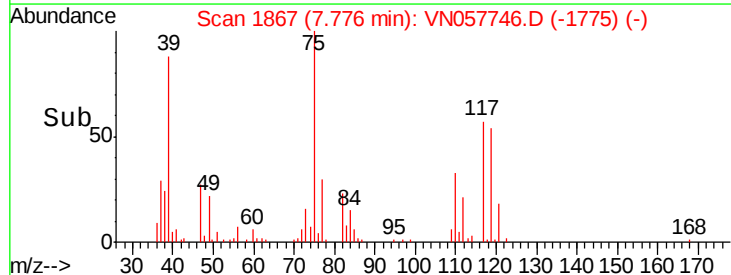
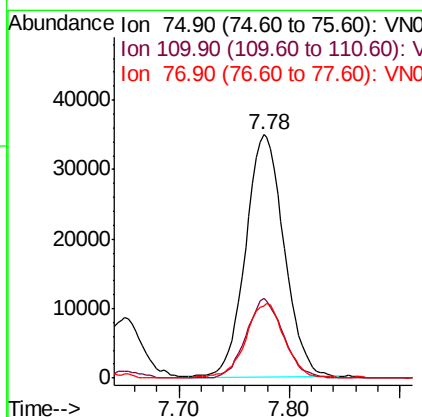
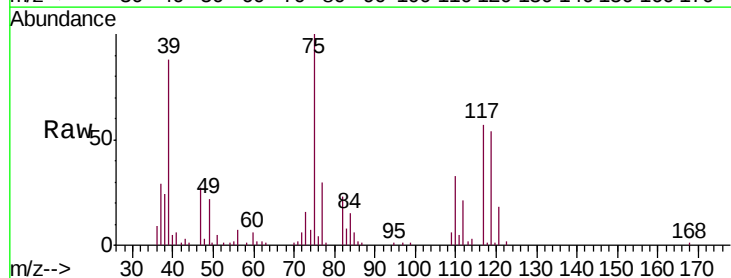
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

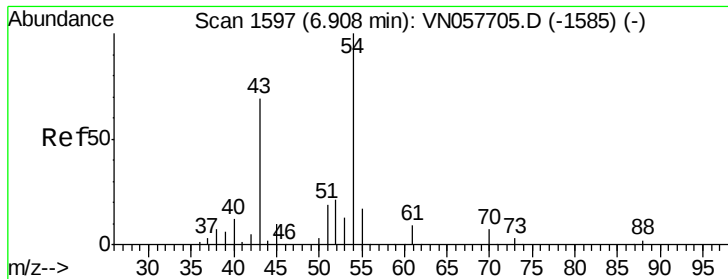
Tgt Ion:113 Resp: 158479
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.7 124.1
 192 18.5 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 19.023 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Tgt Ion: 75 Resp: 83980
 Ion Ratio Lower Upper
 75 100
 110 31.6 15.0 45.0
 77 31.2 24.6 37.0

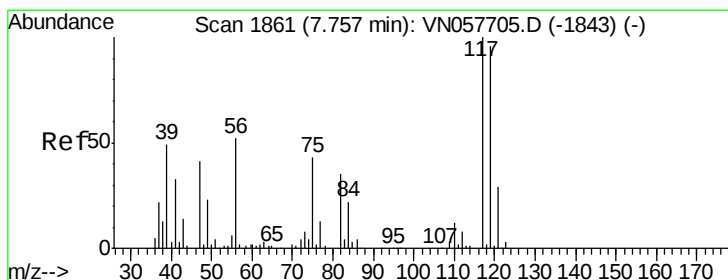
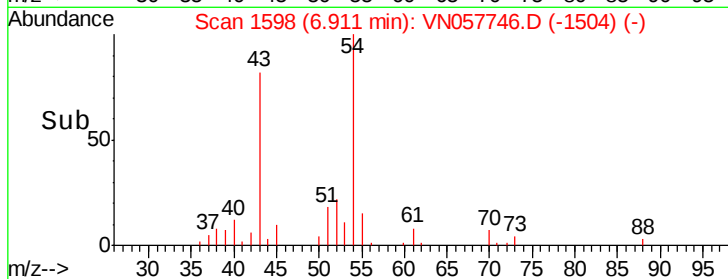
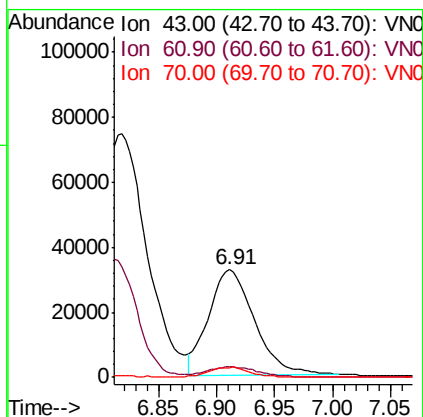
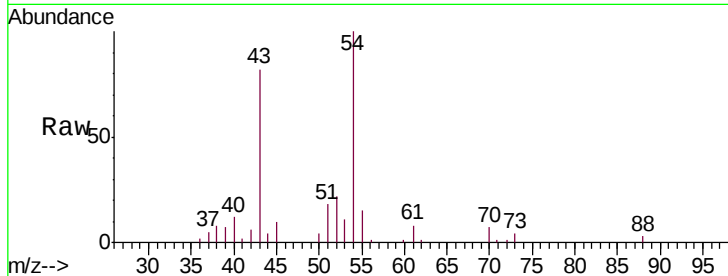




#37
Ethyl Acetate
Concen: 20.368 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

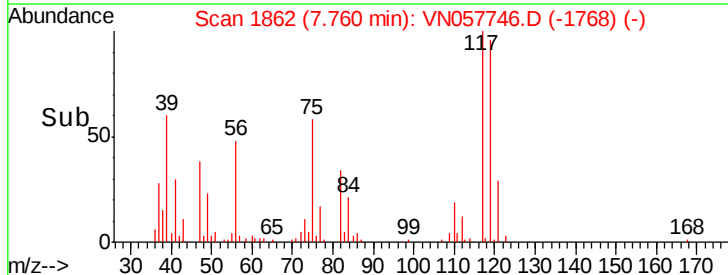
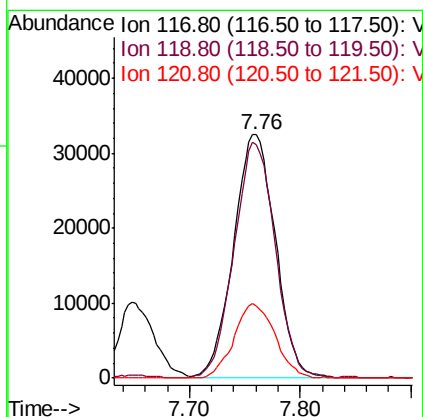
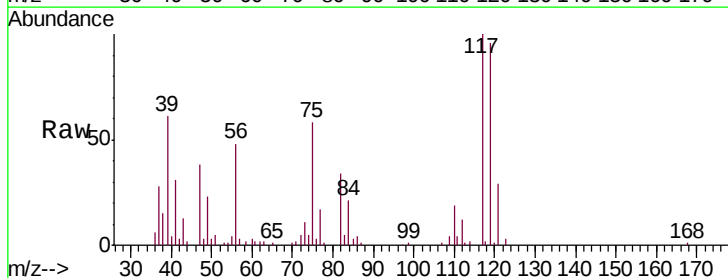
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

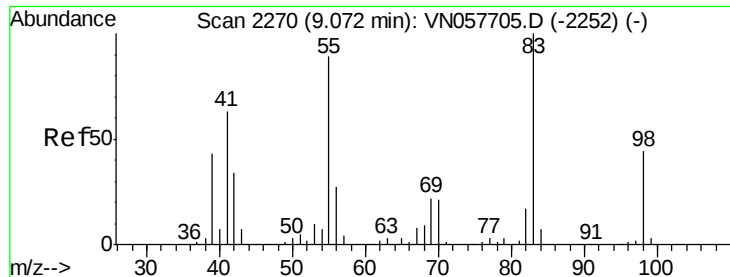
Tgt Ion: 43 Resp: 89268
Ion Ratio Lower Upper
43 100
61 10.6 9.8 14.8
70 8.2 6.7 10.1



#38
Carbon Tetrachloride
Concen: 20.173 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 117 Resp: 85274
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1
121 29.4 23.4 35.2

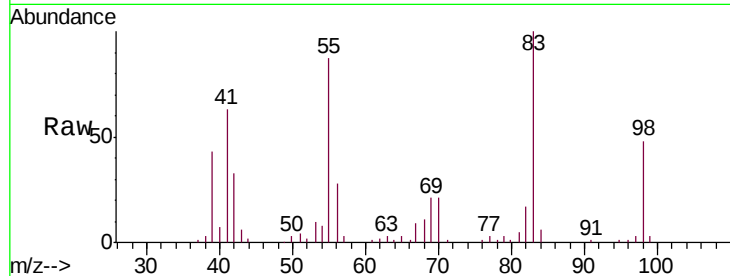




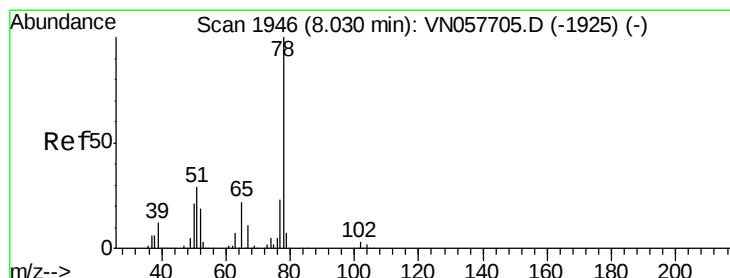
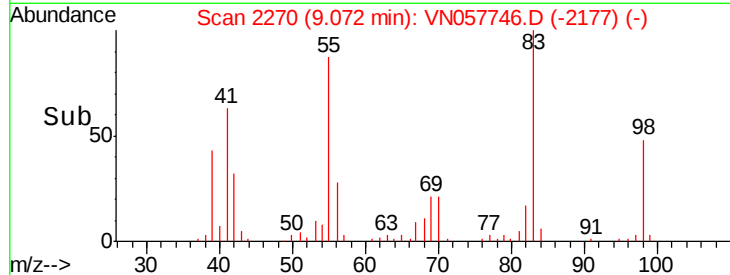
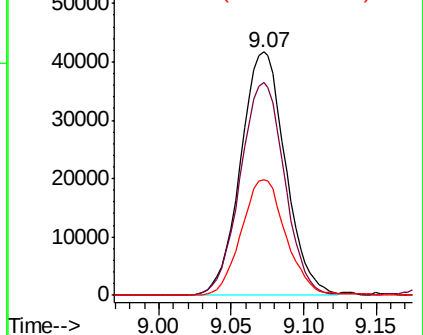
#39
Methylcyclohexane
Concen: 19.202 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion: 83 Resp: 89668
Ion Ratio Lower Upper
83 100
55 87.5 71.4 107.0
98 47.7 35.3 52.9

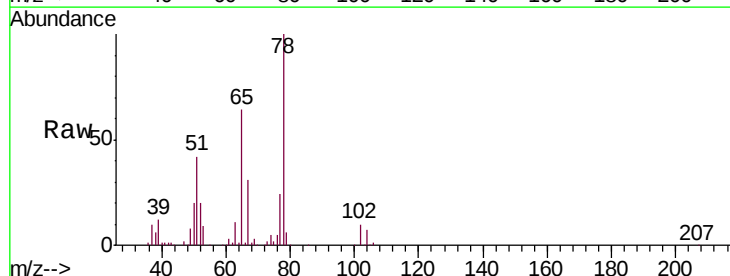


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

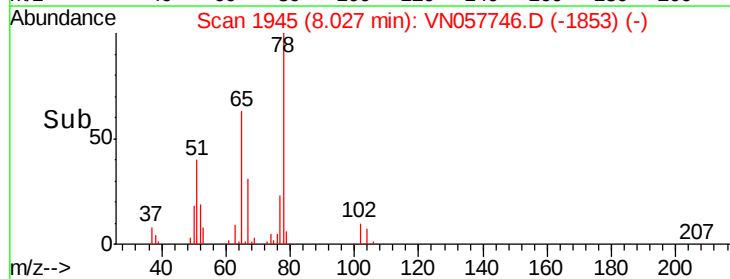
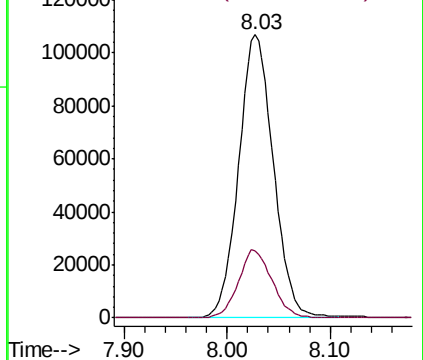


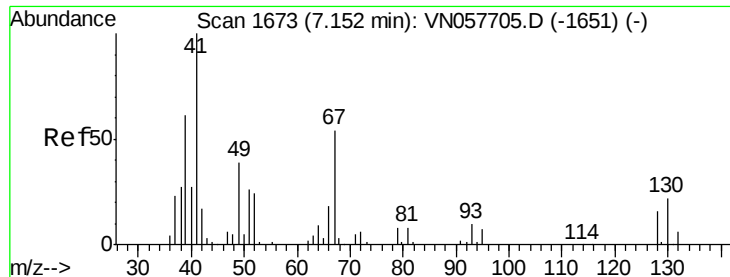
#40
Benzene
Concen: 20.024 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 78 Resp: 250037
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

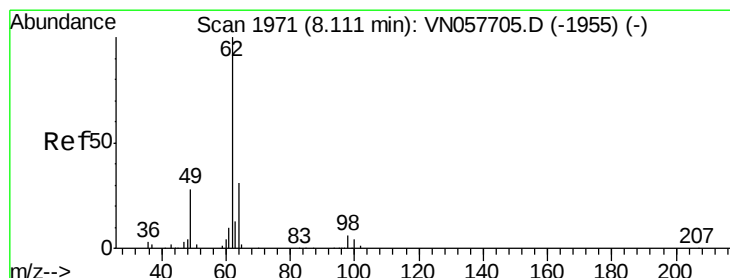
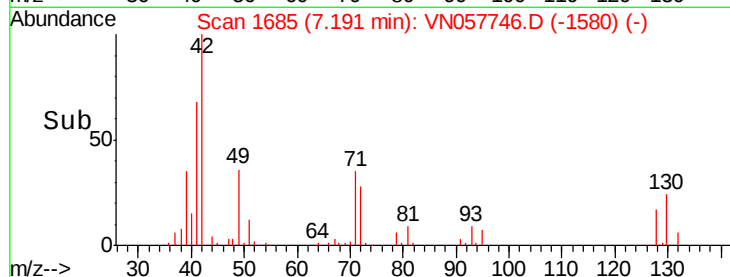
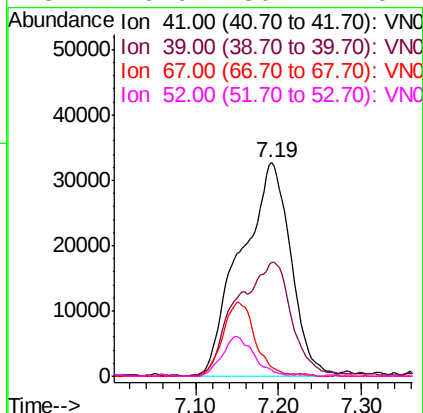
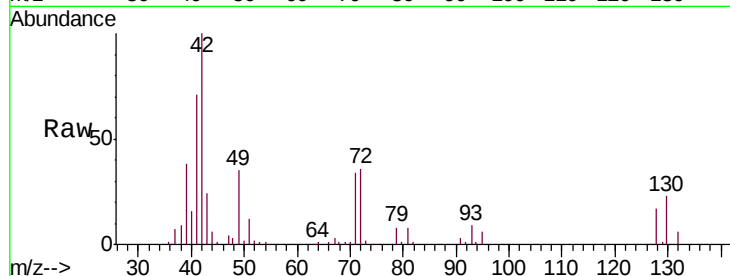




#41
Methacrylonitrile
Concen: 64.121 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.04 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

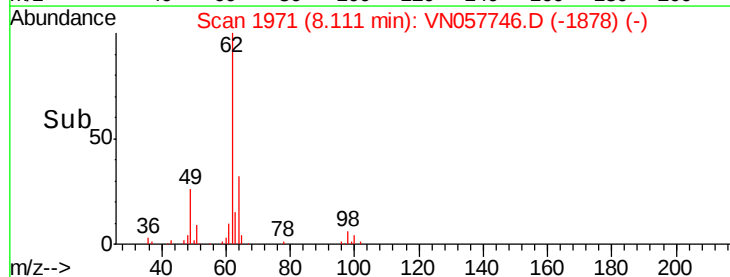
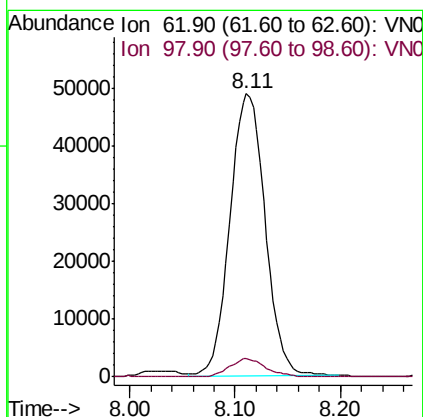
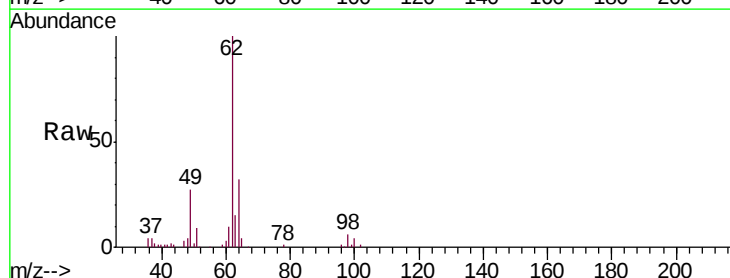
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

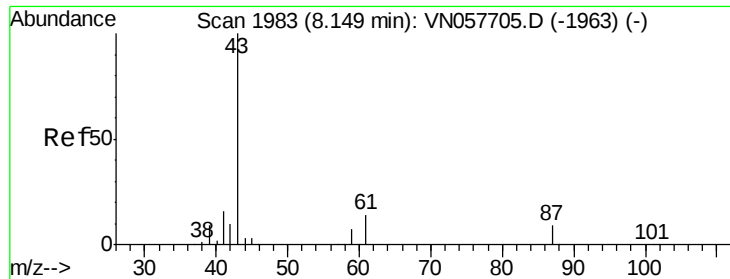
Tgt Ion: 41 Resp: 137375
Ion Ratio Lower Upper
41 100
39 0.0 43.6 65.4#
67 0.0 59.8 89.6#
52 0.0 30.7 46.1#



#42
1,2-Dichloroethane
Concen: 19.411 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 62 Resp: 113616
Ion Ratio Lower Upper
62 100
98 6.7 0.0 12.6





#43

Isopropyl Acetate

Concen: 18.709 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

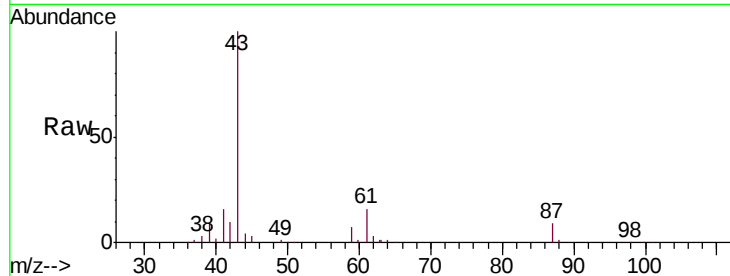
Tgt Ion: 43 Resp: 157395

Ion Ratio Lower Upper

43 100

61 16.2 12.8 19.2

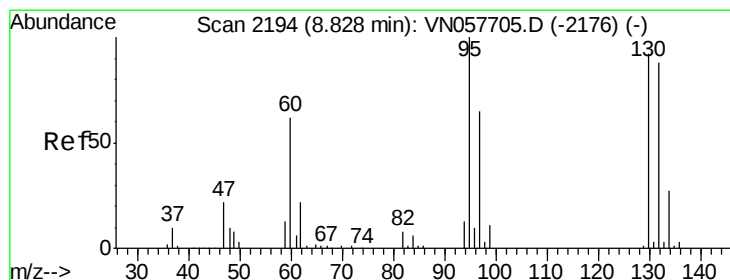
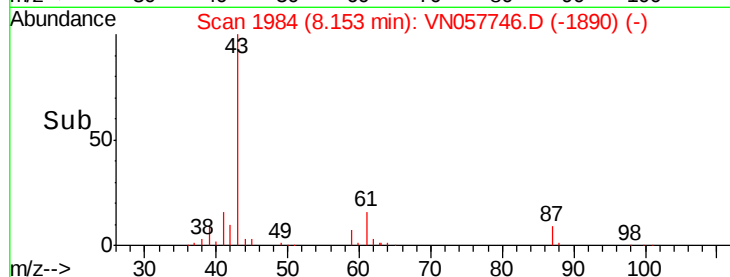
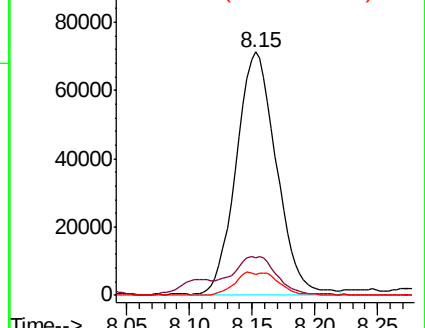
87 5.1 7.8 11.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN057705.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN057705.D (-1963) (-)



#44

Trichloroethene

Concen: 21.072 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057746.D

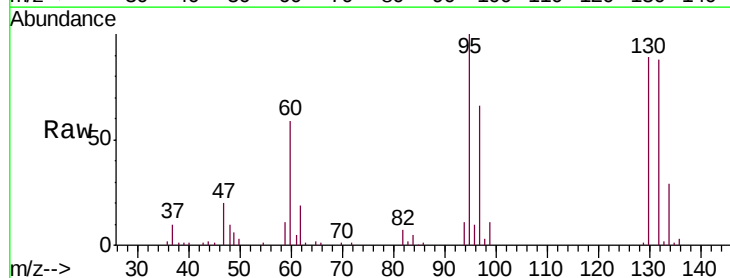
Acq: 7 Sep 2019 12:32

Tgt Ion: 130 Resp: 59138

Ion Ratio Lower Upper

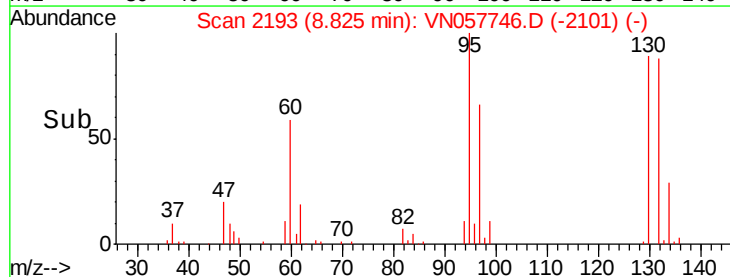
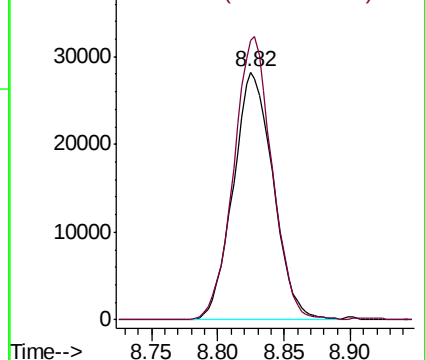
130 100

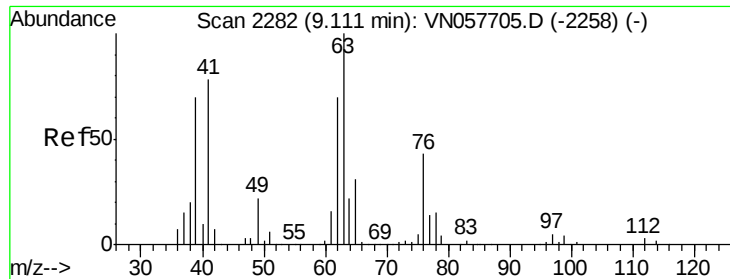
95 113.0 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): VN057705.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN057705.D (-2176) (-)





#45

1,2-Dichloropropane

Concen: 20.407 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

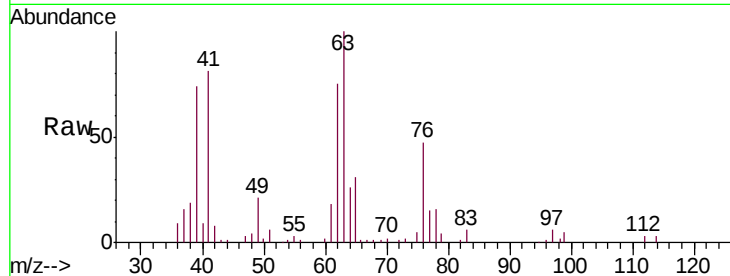
VN0907WBS01

Tgt Ion: 63 Resp: 71270

Ion Ratio Lower Upper

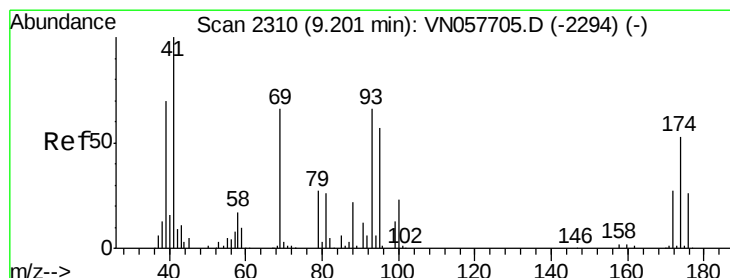
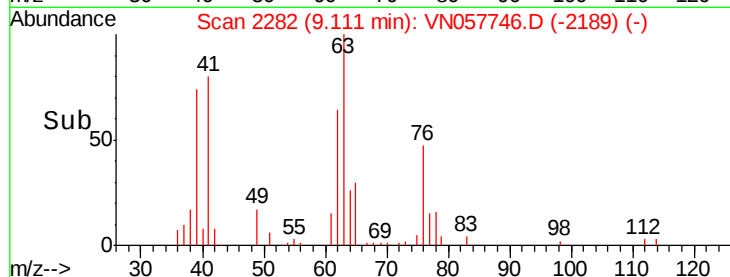
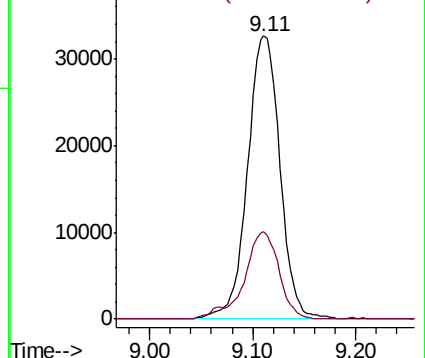
63 100

65 30.9 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.189 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

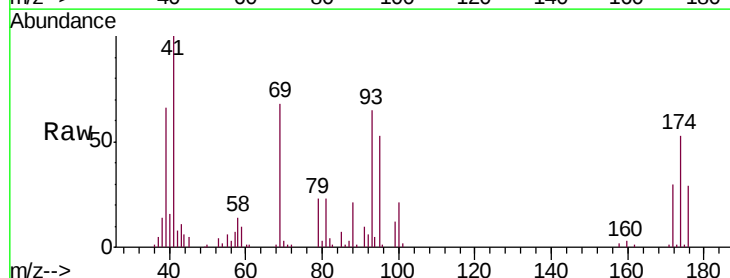
Tgt Ion: 93 Resp: 45227

Ion Ratio Lower Upper

93 100

95 83.4 66.1 99.1

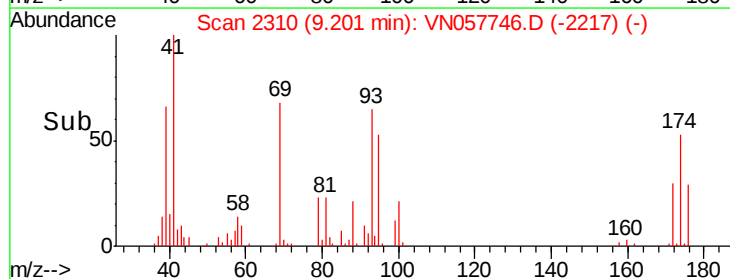
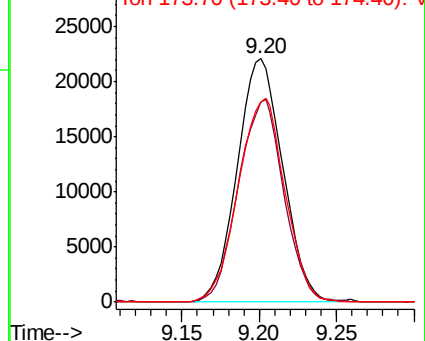
174 85.7 63.4 95.2

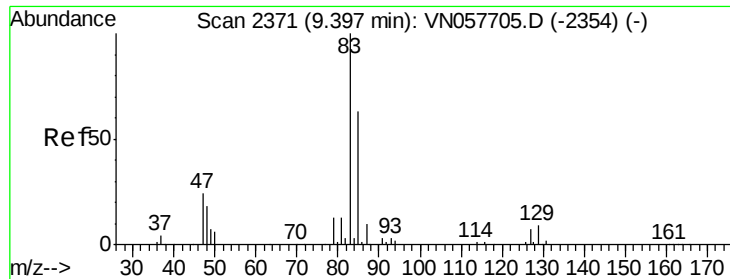


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.485 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

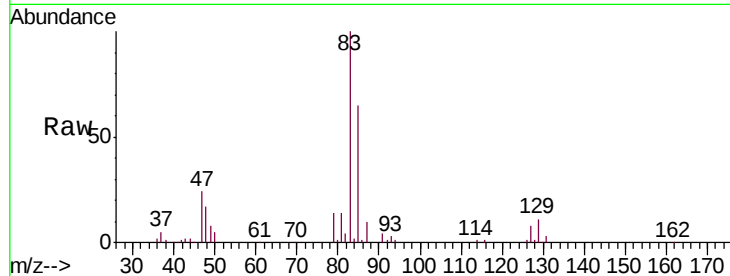
Tgt Ion: 83 Resp: 92767

Ion Ratio Lower Upper

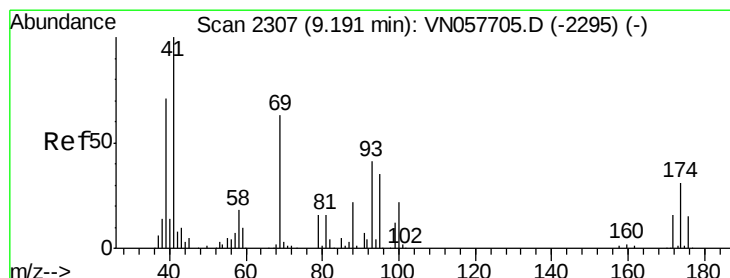
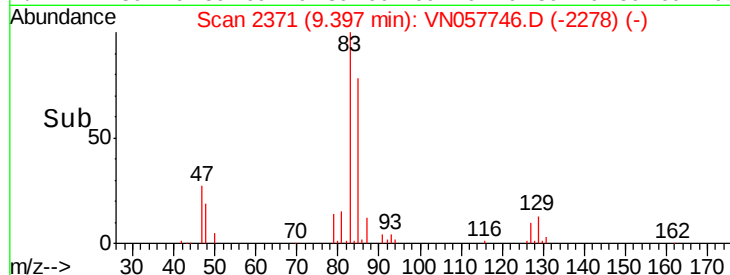
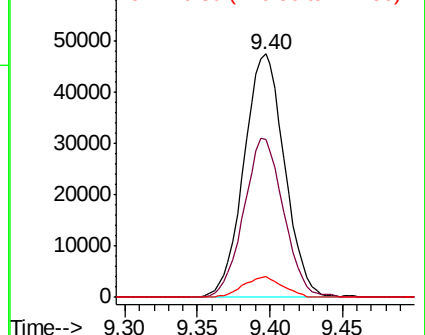
83 100

85 64.8 50.7 76.1

127 8.4 5.6 8.4#



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.963 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

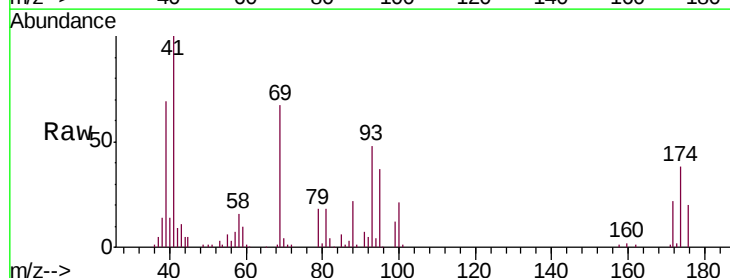
Tgt Ion: 41 Resp: 77720

Ion Ratio Lower Upper

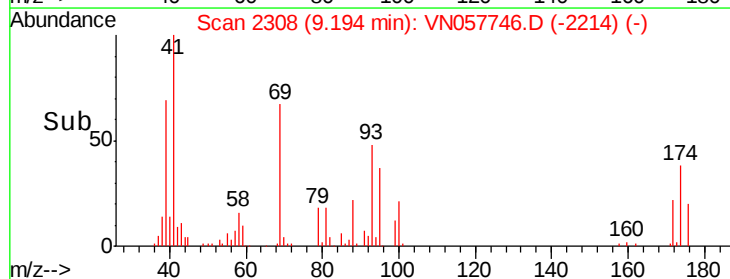
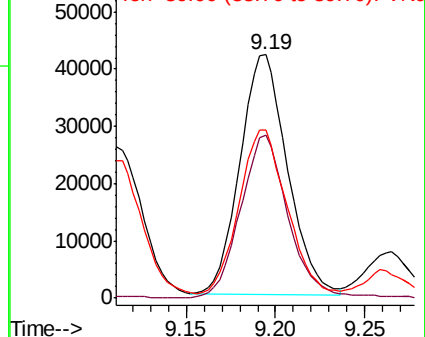
41 100

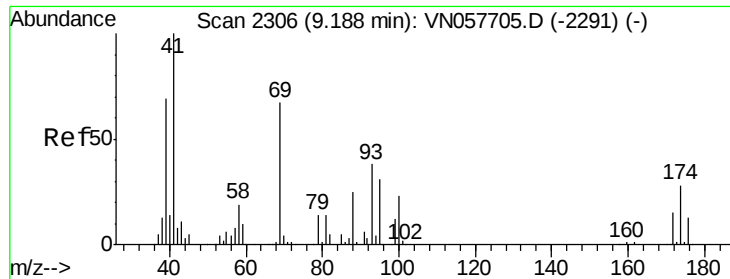
69 68.7 51.2 76.8

39 71.6 57.3 85.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 382.474 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

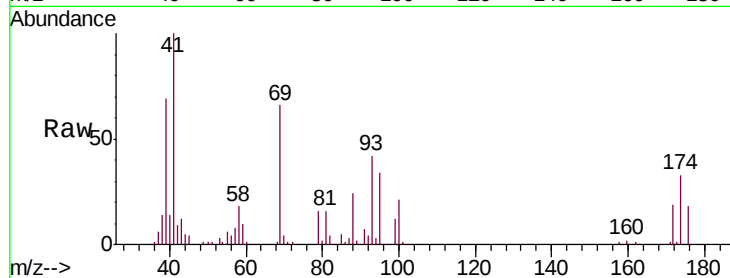
Tgt Ion: 88 Resp: 19254

Ion Ratio Lower Upper

88 100

43 46.4 35.4 53.2

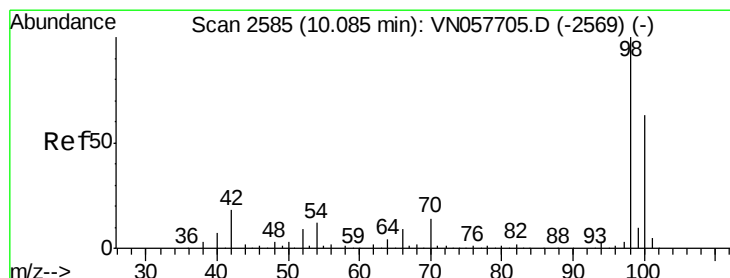
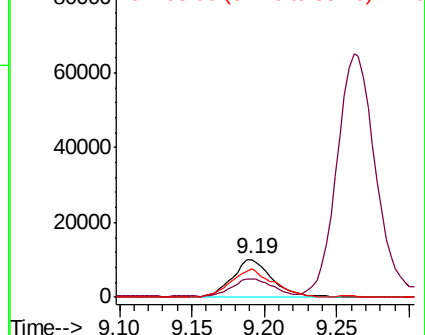
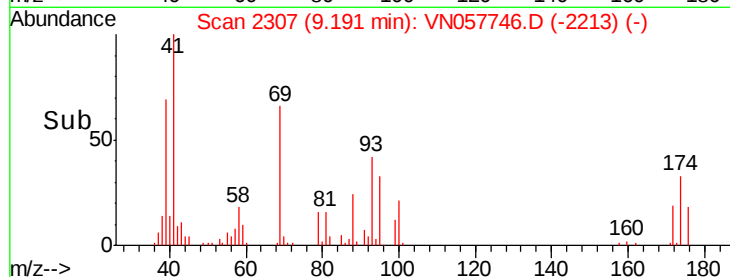
58 79.9 61.5 92.3



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.011 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057746.D

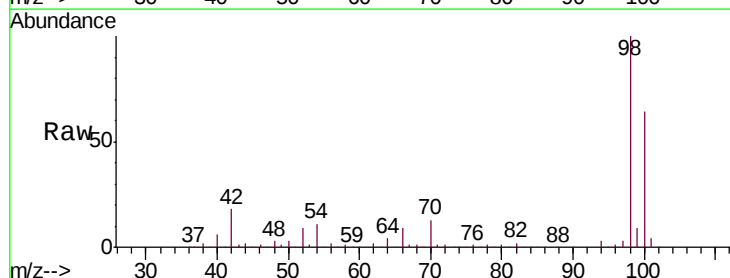
Acq: 7 Sep 2019 12:32

Tgt Ion: 98 Resp: 581566

Ion Ratio Lower Upper

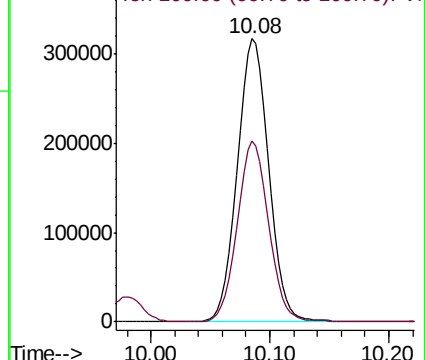
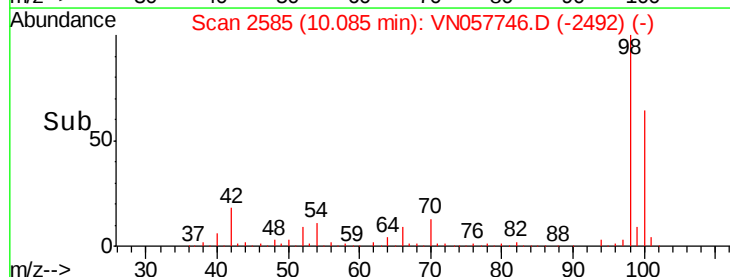
98 100

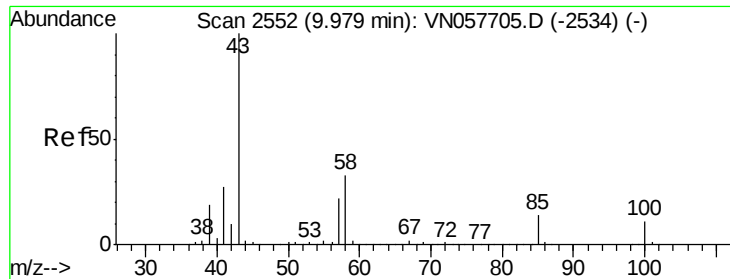
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 101.429 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

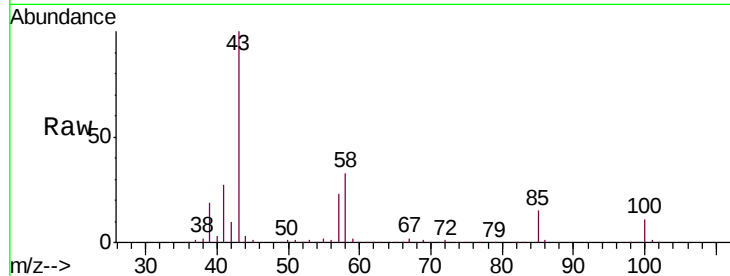
VN0907WBS01

Tgt Ion: 43 Resp: 473877

Ion Ratio Lower Upper

43 100

58 32.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057705.D (-2534) (-)

9.98

250000

200000

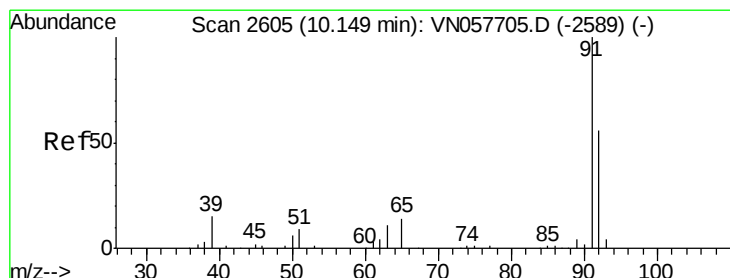
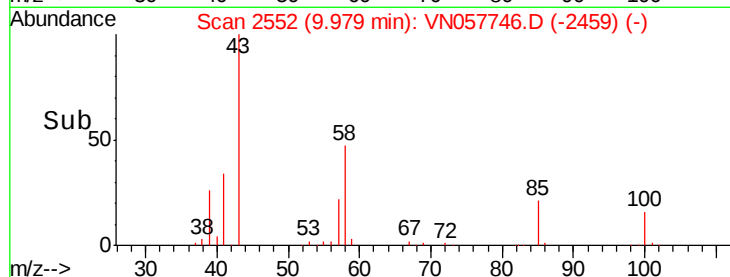
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.130 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057746.D

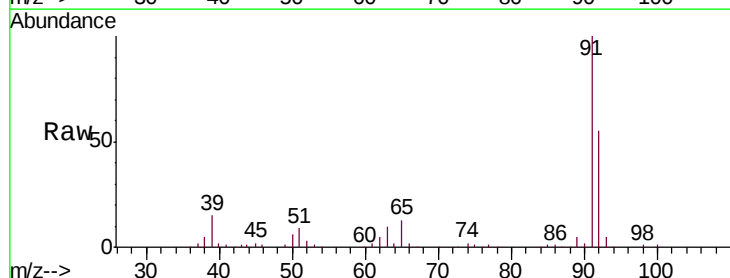
Acq: 7 Sep 2019 12:32

Tgt Ion: 92 Resp: 152354

Ion Ratio Lower Upper

92 100

91 178.0 141.5 212.3



Abundance Ion 92.00 (91.70 to 92.70): VN057705.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN057705.D (-2589) (-)

10.15

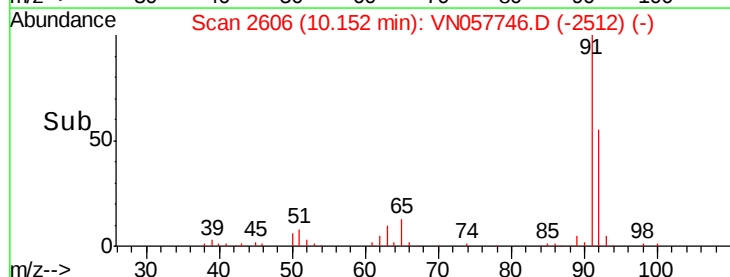
150000

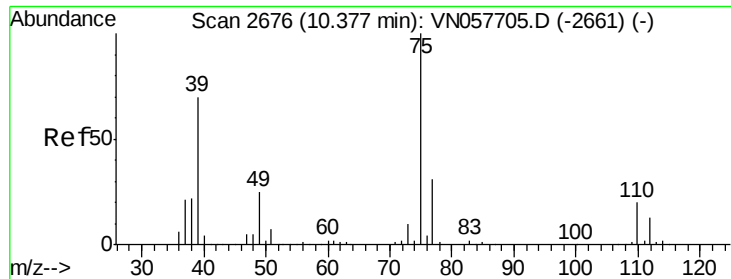
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.216 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

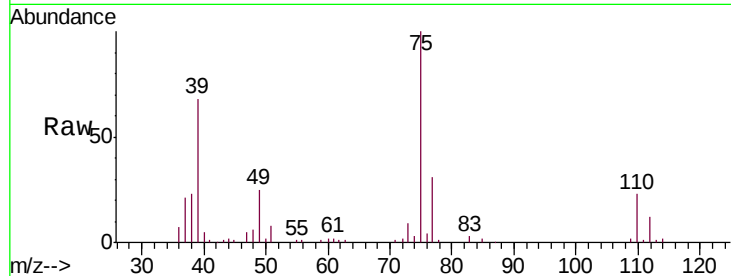
VN0907WBS01

Tgt Ion: 75 Resp: 87008

Ion Ratio Lower Upper

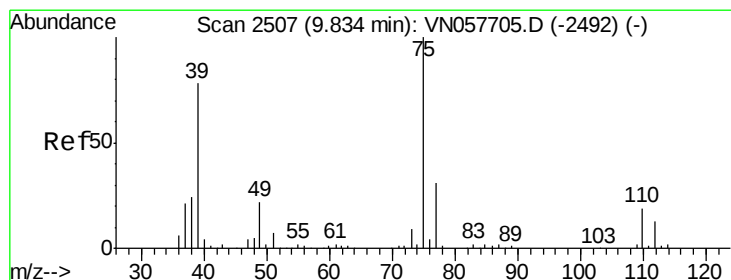
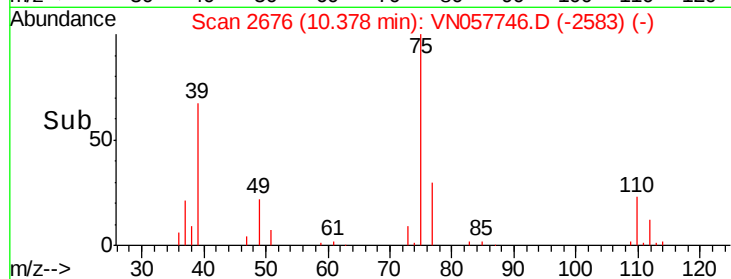
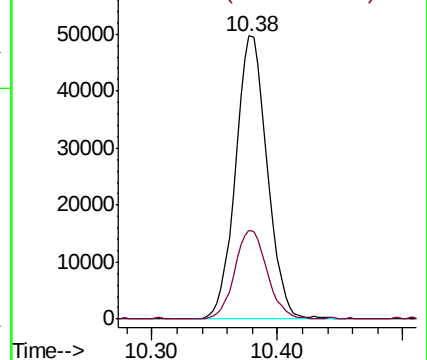
75 100

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.045 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

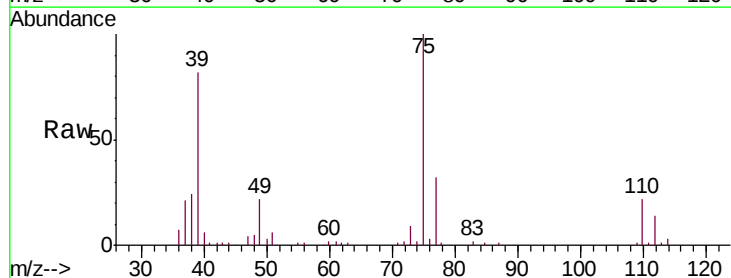
Tgt Ion: 75 Resp: 98280

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

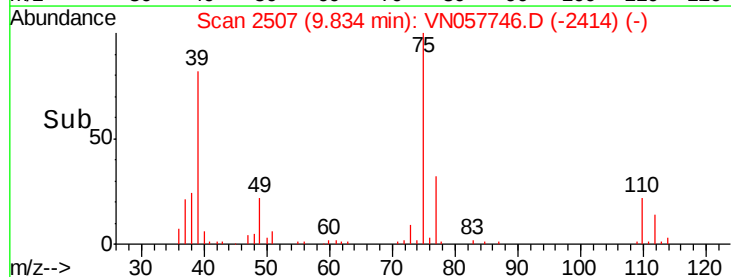
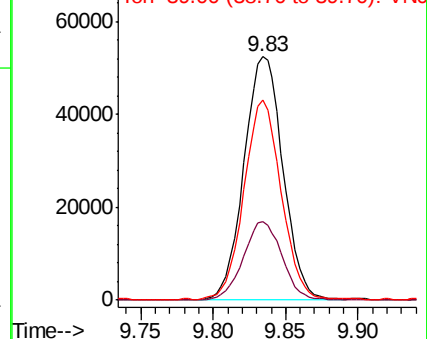
39 81.8 62.4 93.6

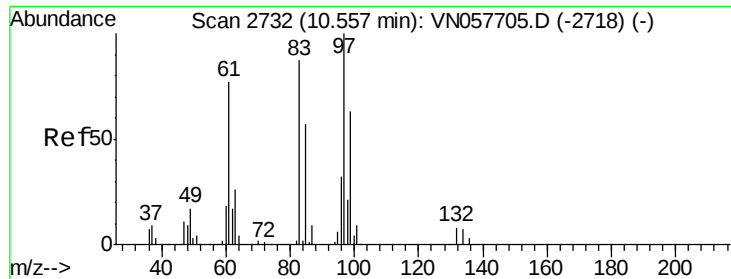


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

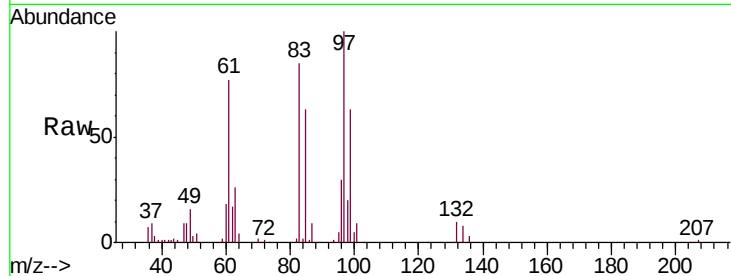




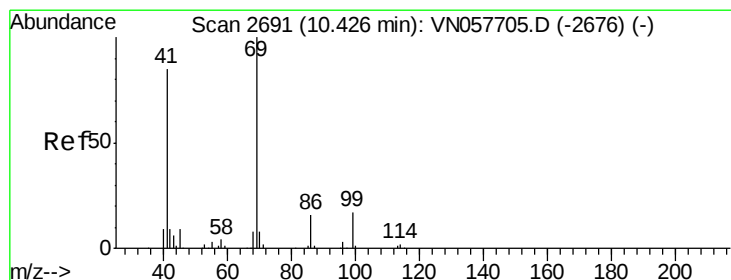
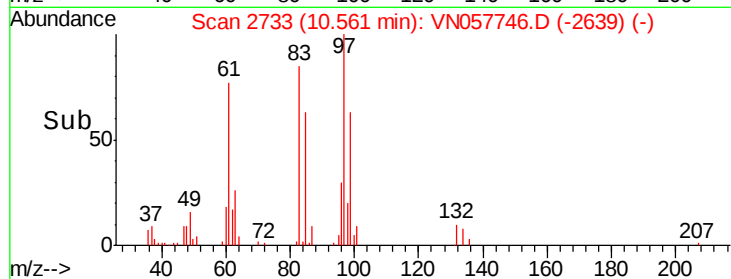
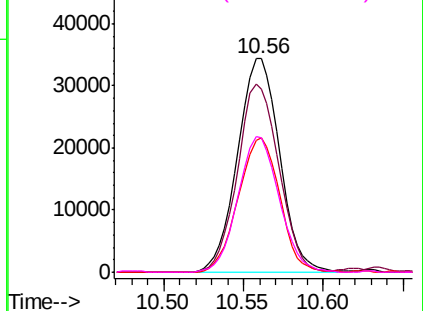
#55
 1,1,2-Trichloroethane
 Concen: 20.311 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Instrument :
 MSVOA_N
 ClientSampled :
 VN0907WBS01

Tgt Ion: 97 Resp: 61863
 Ion Ratio Lower Upper
 97 100
 83 85.4 69.5 104.3
 85 62.8 45.7 68.5
 99 63.0 50.2 75.4

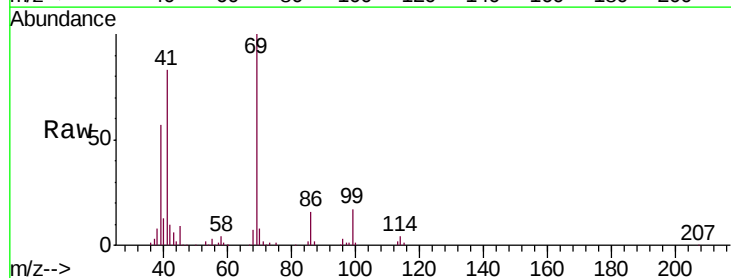


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

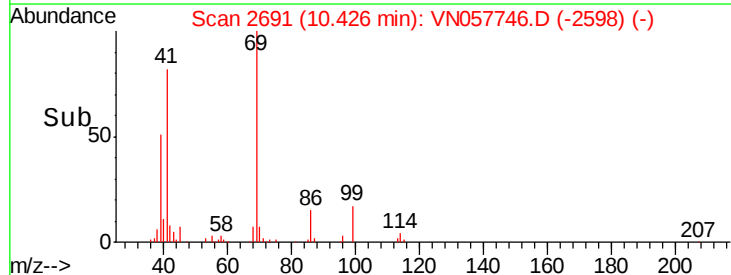
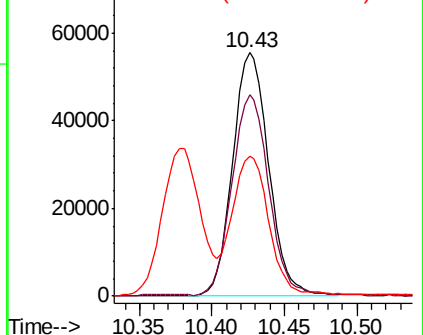


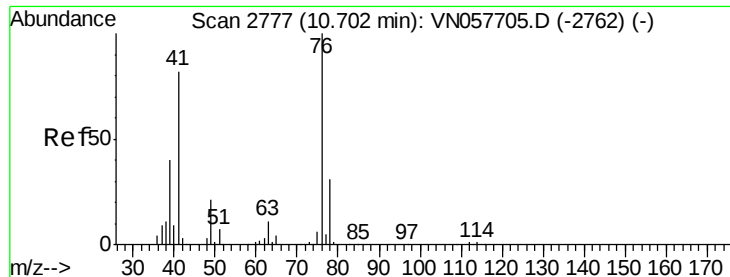
#56
 Ethyl methacrylate
 Concen: 19.759 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Tgt Ion: 69 Resp: 96058
 Ion Ratio Lower Upper
 69 100
 41 83.9 69.0 103.4
 39 58.6 49.2 73.8



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 19.808 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

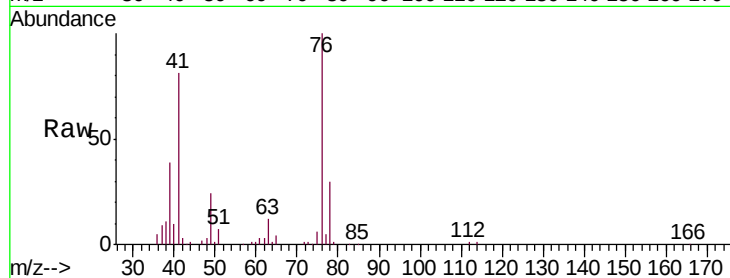
VN0907WBS01

Tgt Ion: 76 Resp: 108372

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

60000

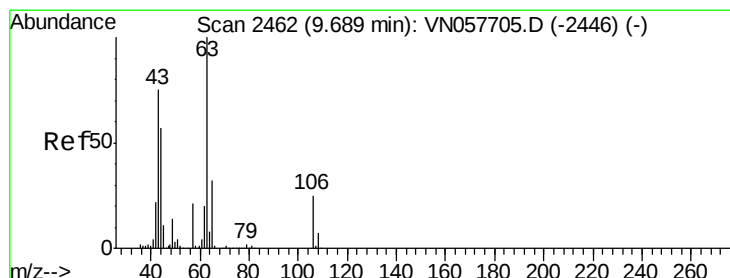
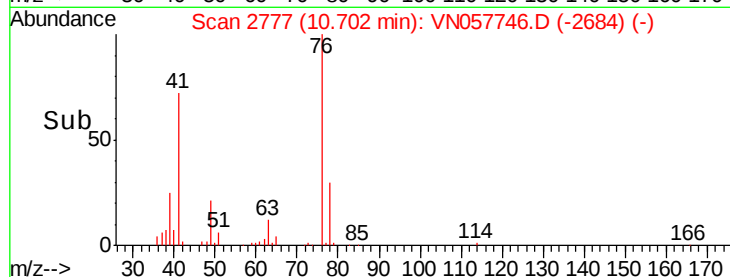
40000

20000

0

10.65 10.70 10.75 10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 98.331 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057746.D

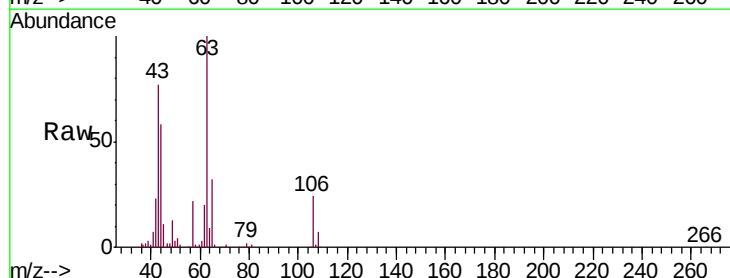
Acq: 7 Sep 2019 12:32

Tgt Ion: 63 Resp: 242522

Ion Ratio Lower Upper

63 100

106 23.9 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

150000

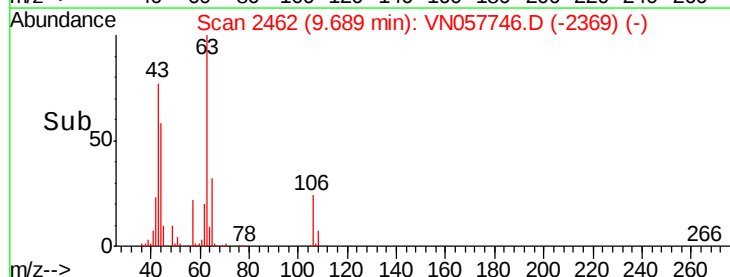
100000

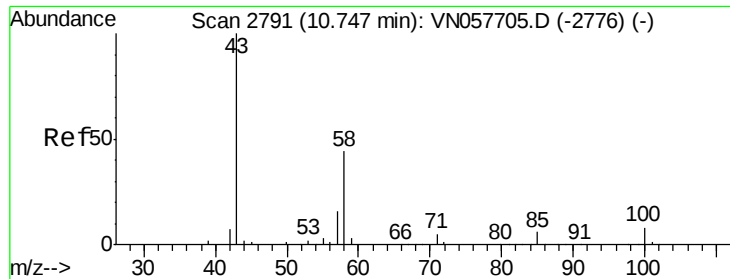
50000

0

9.60 9.65 9.70 9.75 9.80

Time-->

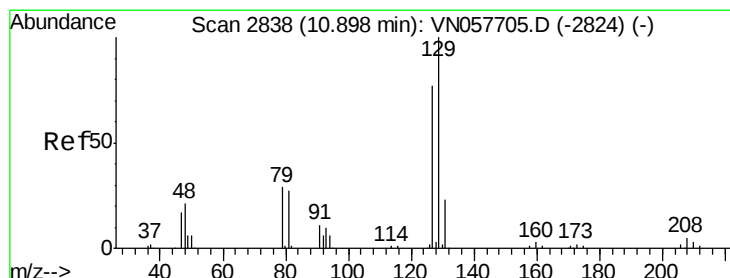
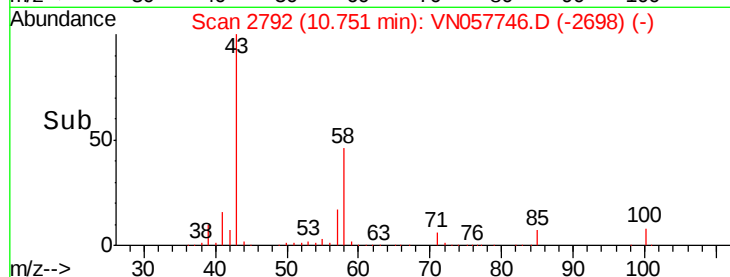
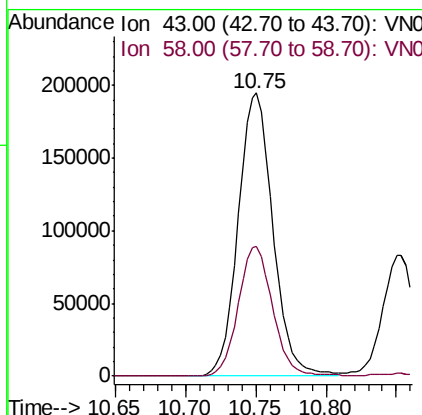
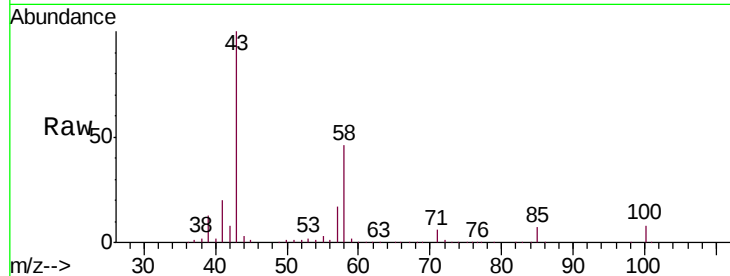




#59
2-Hexanone
Concen: 101.664 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

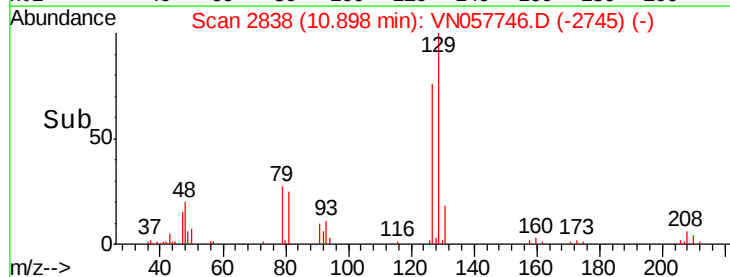
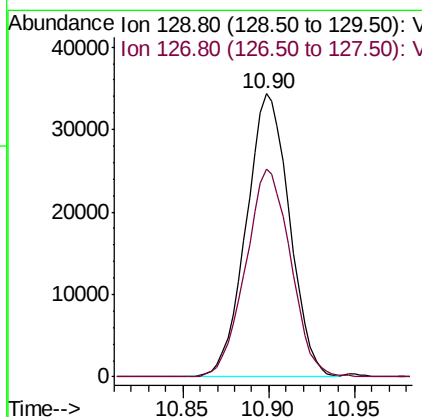
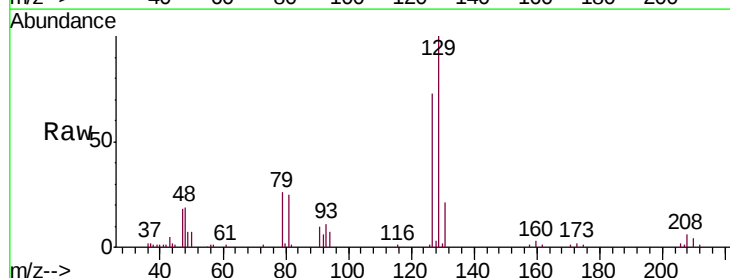
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

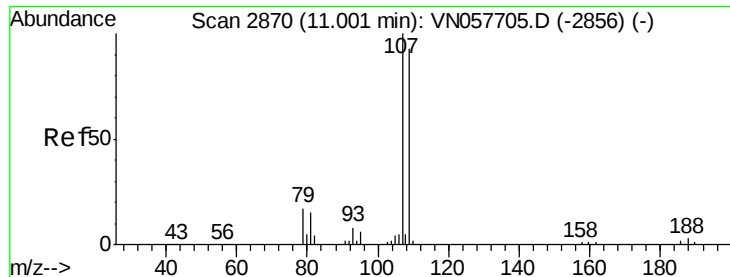
Tgt Ion: 43 Resp: 334933
Ion Ratio Lower Upper
43 100
58 45.6 22.1 66.5



#60
Dibromochloromethane
Concen: 19.431 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 129 Resp: 59950
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 21.224 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

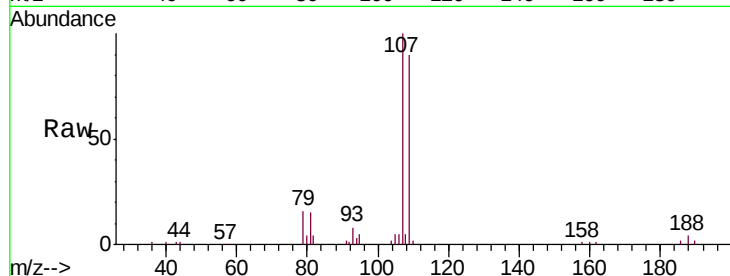
VN0907WBS01

Tgt Ion: 107 Resp: 62059

Ion Ratio Lower Upper

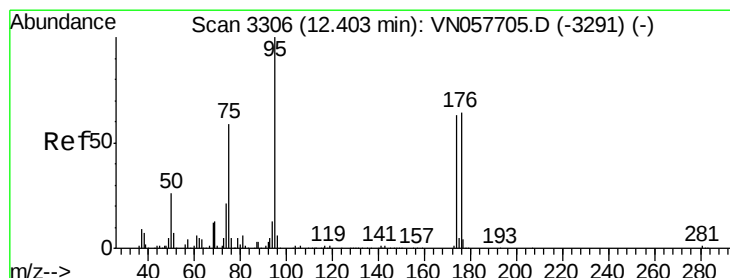
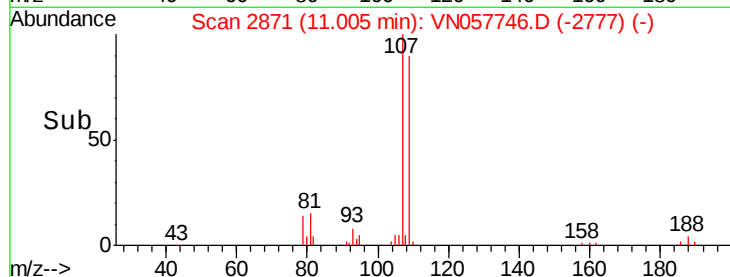
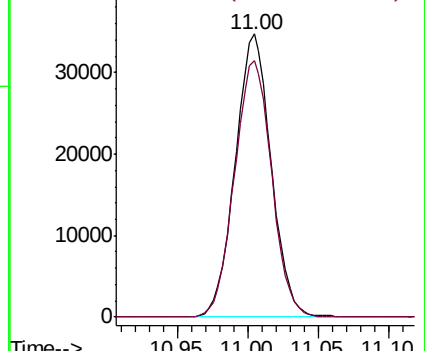
107 100

109 93.4 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.576 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

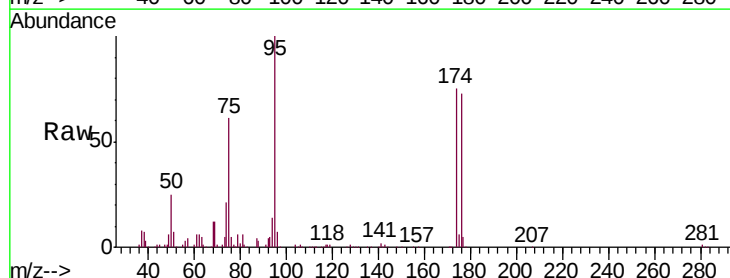
Tgt Ion: 95 Resp: 220957

Ion Ratio Lower Upper

95 100

174 75.3 0.0 128.0

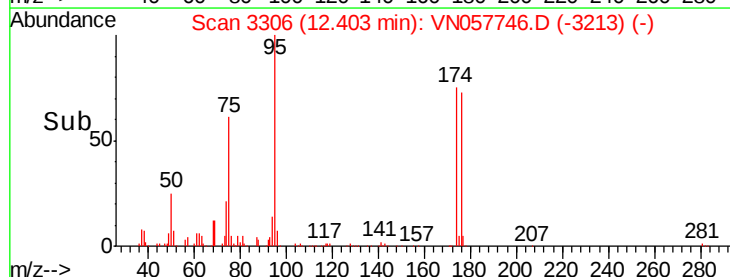
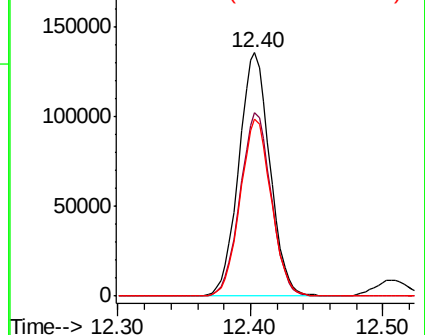
176 72.8 0.0 128.0

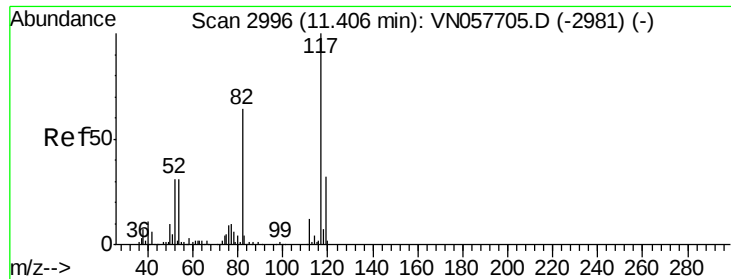


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

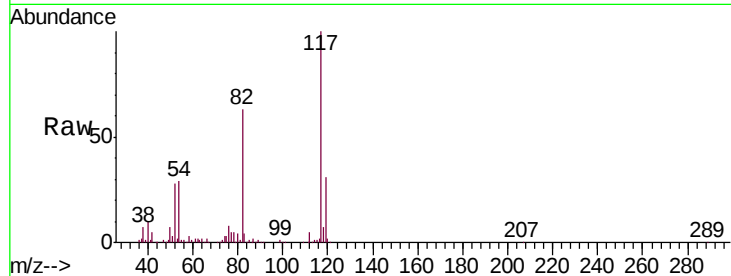




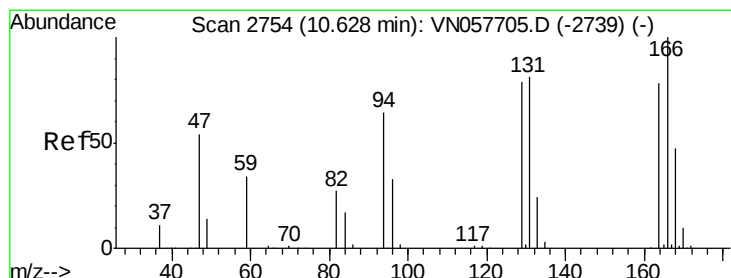
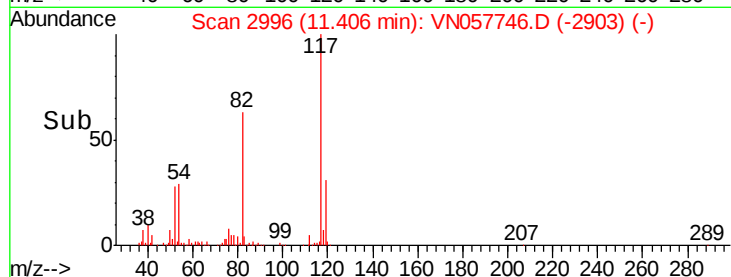
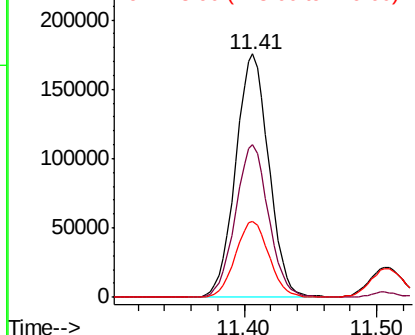
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion:117 Resp: 304668
Ion Ratio Lower Upper
117 100
82 62.5 51.4 77.0
119 31.4 25.4 38.2

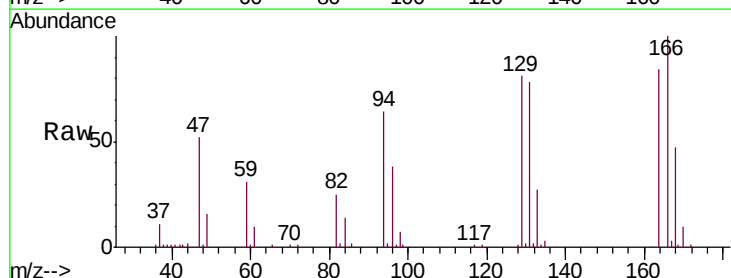


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

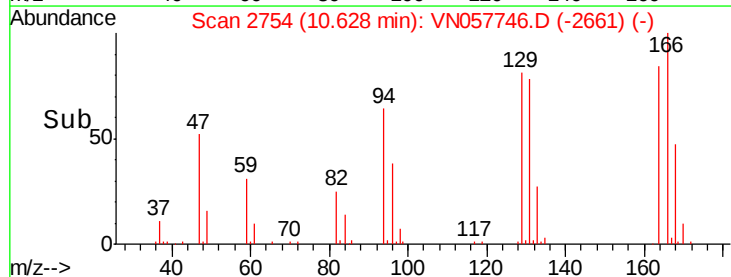
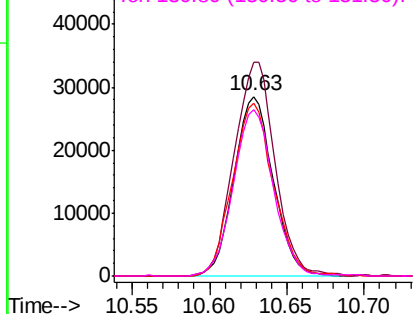


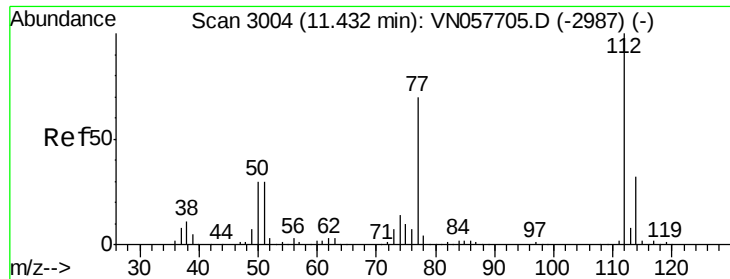
#64
Tetrachloroethene
Concen: 21.078 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion:164 Resp: 50067
Ion Ratio Lower Upper
164 100
166 118.8 103.0 154.6
129 96.6 81.1 121.7
131 92.4 83.2 124.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

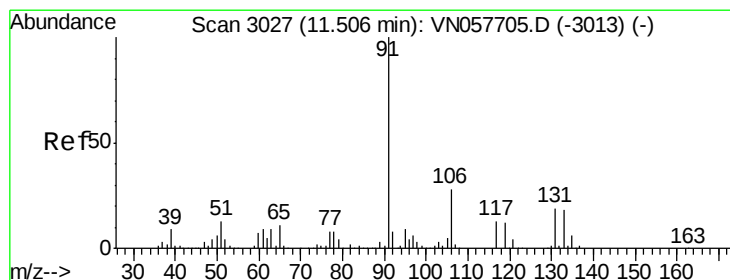
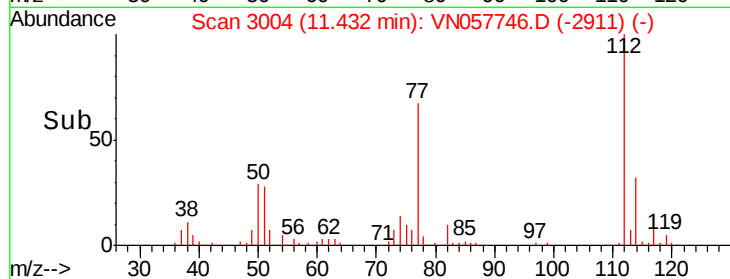
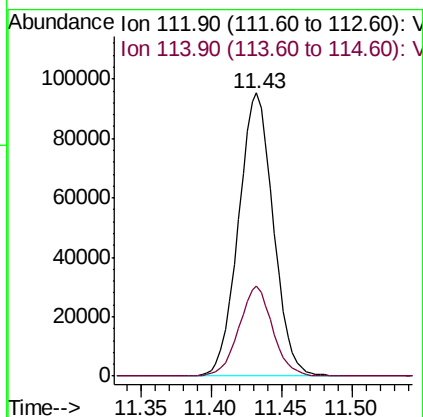
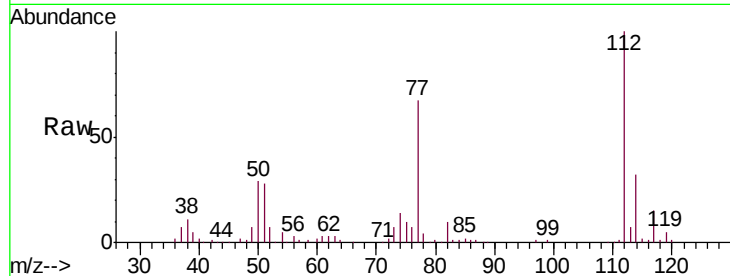




#65
Chlorobenzene
Concen: 20.772 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

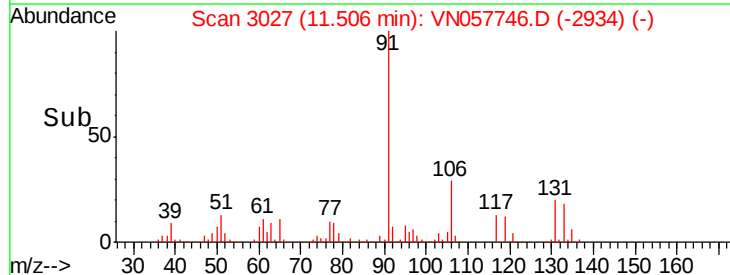
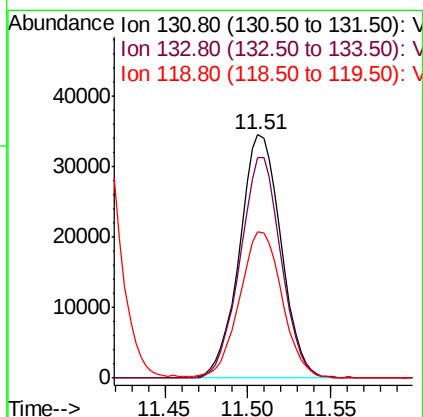
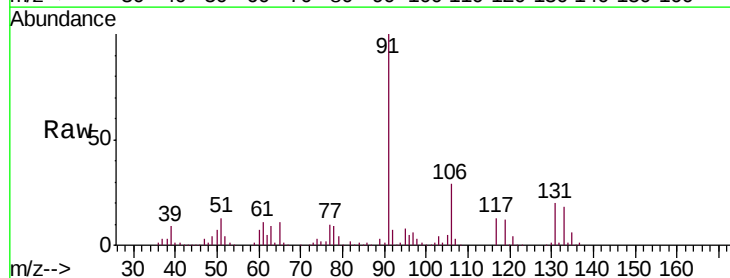
Instrument :
MSVOA_N
ClientSampled :
VN0907WBS01

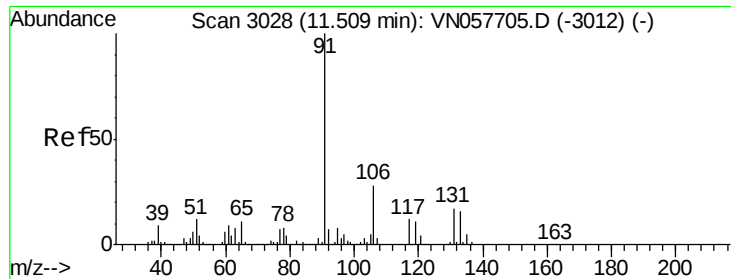
Tgt Ion:112 Resp: 165087
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.654 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion:131 Resp: 59881
Ion Ratio Lower Upper
131 100
133 89.8 47.6 142.9
119 61.9 32.8 98.3

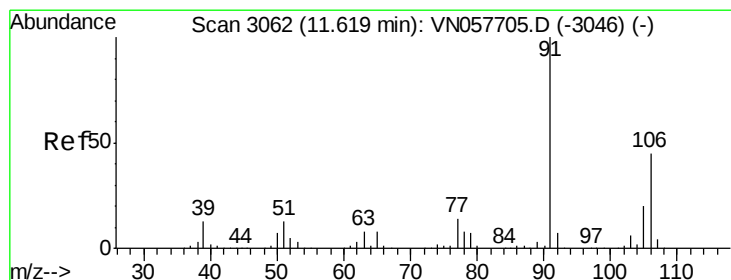
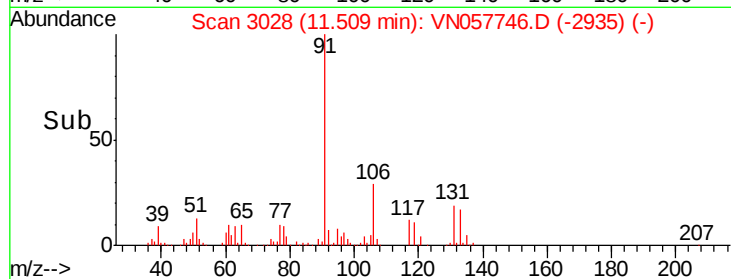
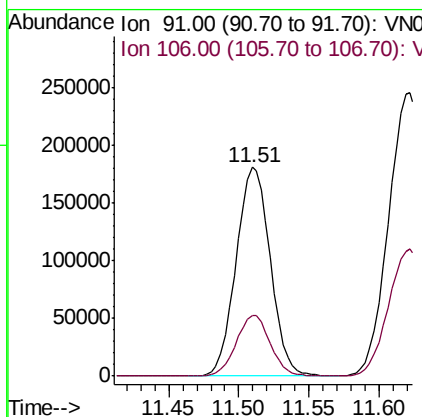
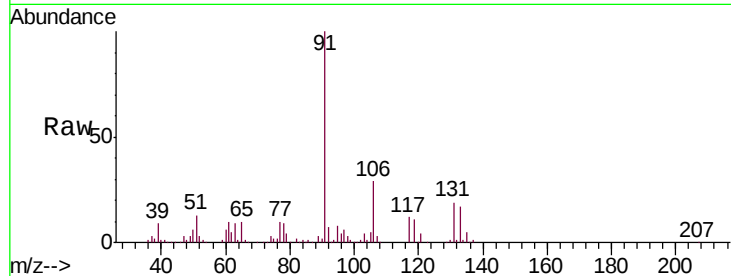




#67
Ethyl Benzene
Concen: 20.112 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

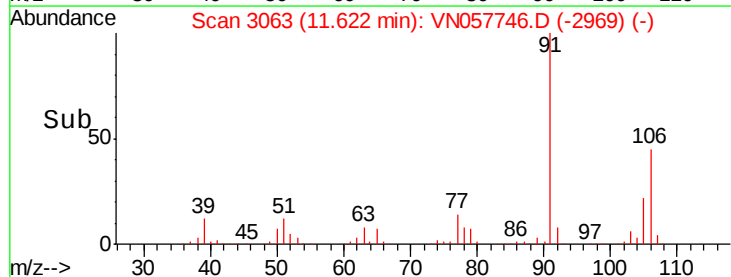
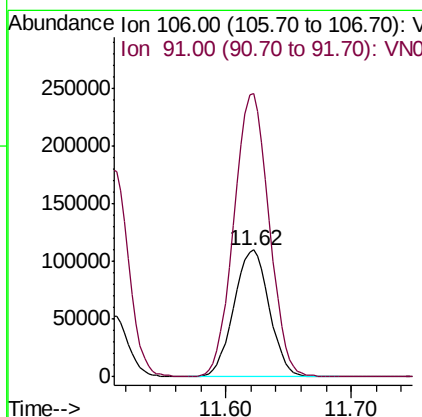
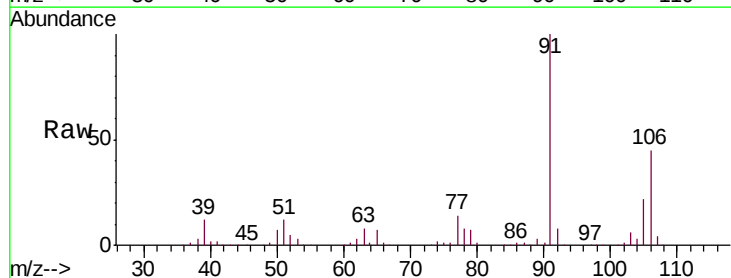
Instrument :
MSVOA_N
ClientSampled :
VN0907WBS01

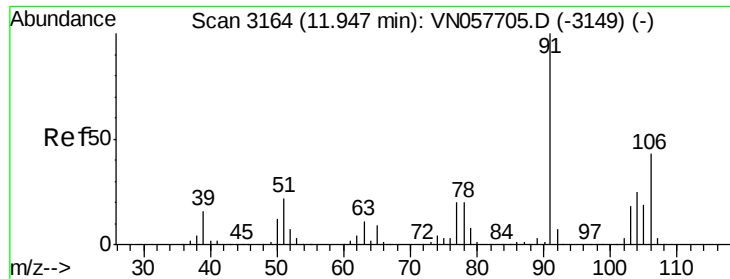
Tgt Ion: 91 Resp: 308404
Ion Ratio Lower Upper
91 100
106 29.2 22.8 34.2



#68
m/p-Xylenes
Concen: 40.879 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion: 106 Resp: 215902
Ion Ratio Lower Upper
106 100
91 221.0 179.8 269.8

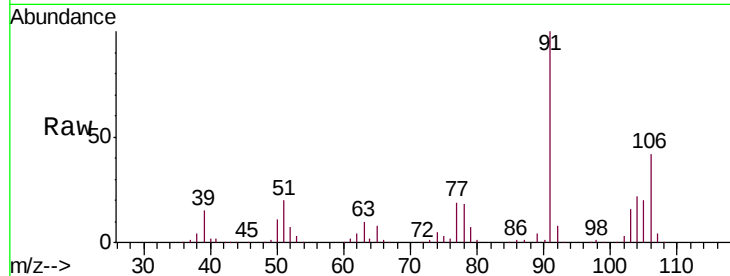




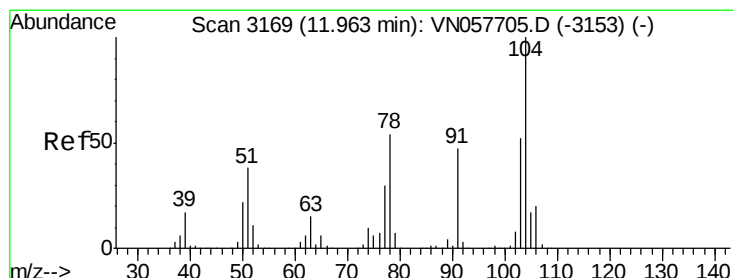
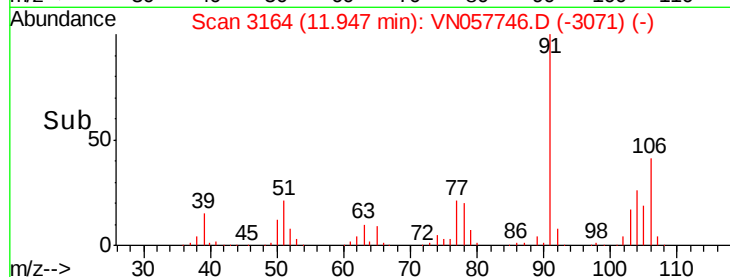
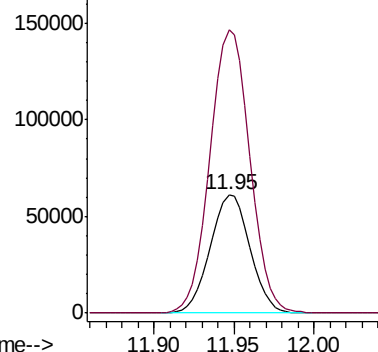
#69
o-Xylene
Concen: 19.808 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS01

Tgt Ion:106 Resp: 103587
Ion Ratio Lower Upper
106 100
91 239.9 116.8 350.4

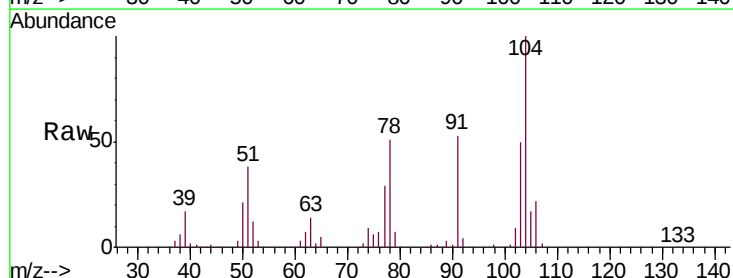


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

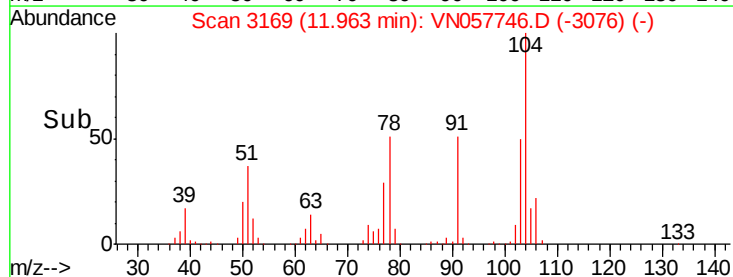
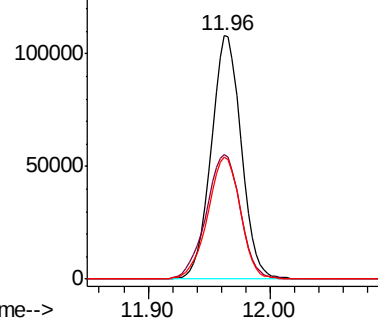


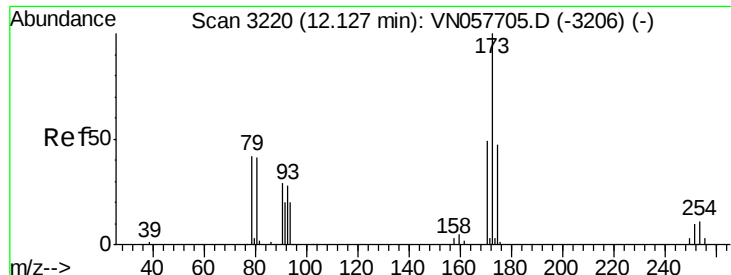
#70
Styrene
Concen: 20.280 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057746.D
Acq: 7 Sep 2019 12:32

Tgt Ion:104 Resp: 183509
Ion Ratio Lower Upper
104 100
78 58.6 48.5 72.7
103 54.5 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.277 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

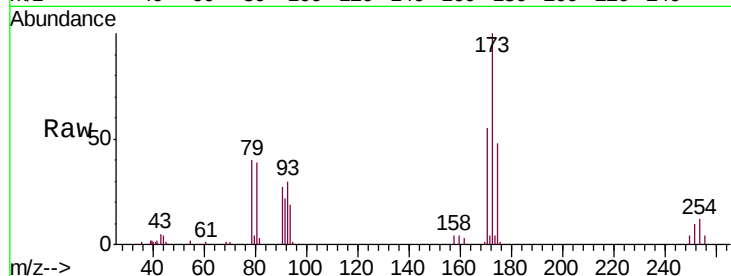
Tgt Ion:173 Resp: 35433

Ion Ratio Lower Upper

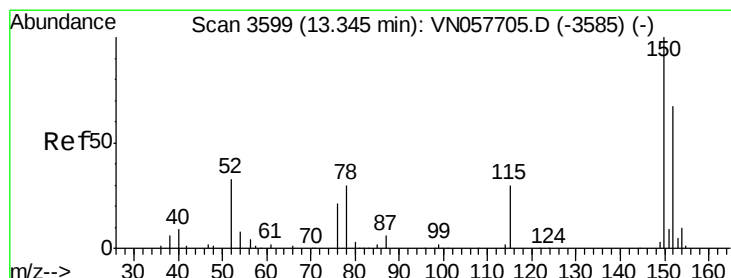
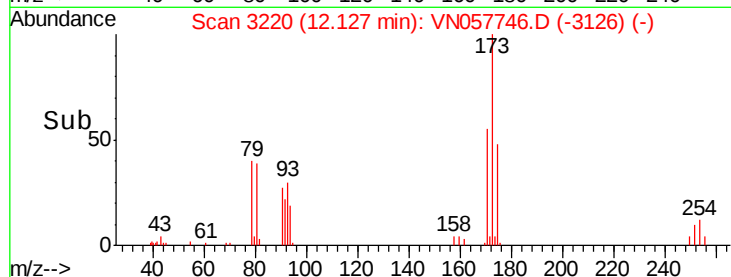
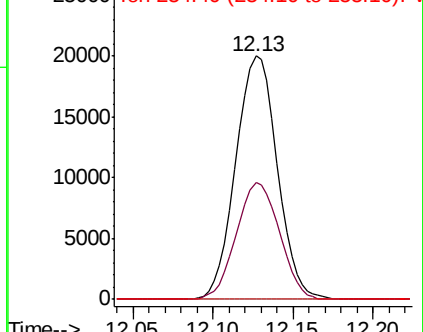
173 100

175 49.8 24.6 73.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

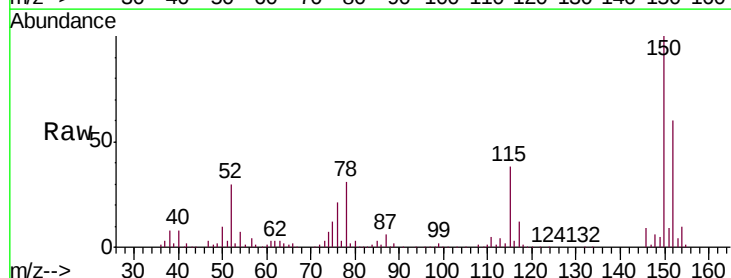
Tgt Ion:152 Resp: 175411

Ion Ratio Lower Upper

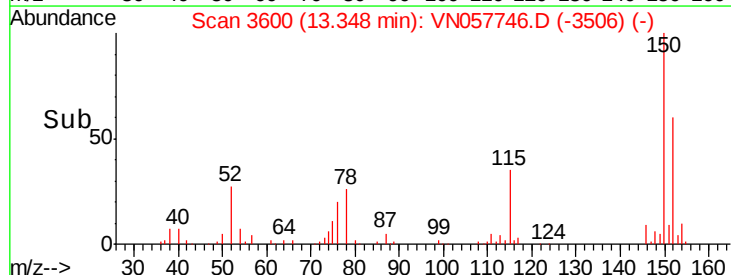
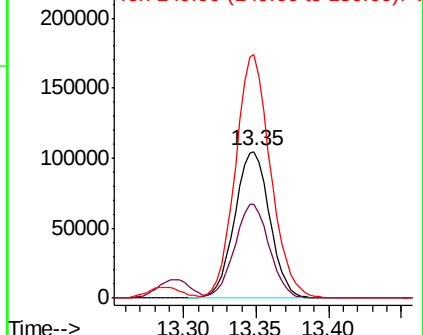
152 100

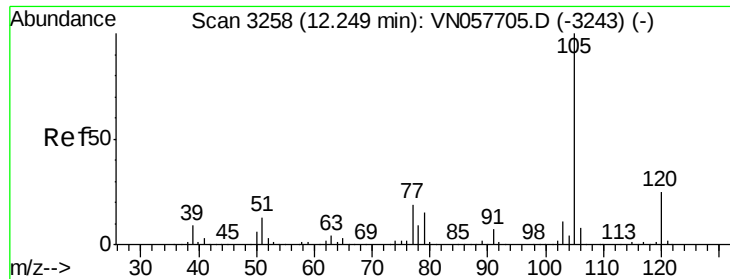
115 63.3 33.8 101.3

150 167.2 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.452 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

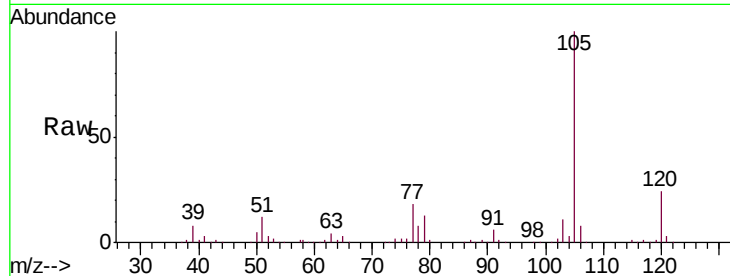
VN0907WBS01

Tgt Ion: 105 Resp: 301655

Ion Ratio Lower Upper

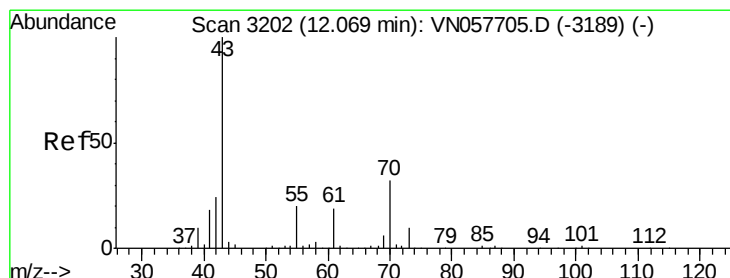
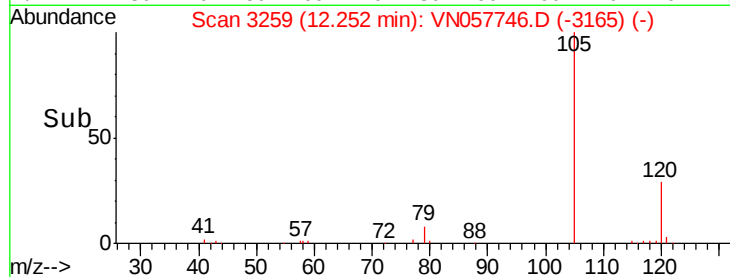
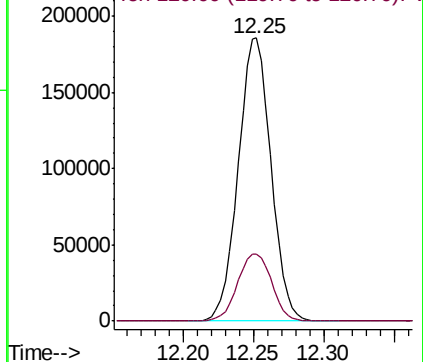
105 100

120 24.9 12.2 36.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.799 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Tgt Ion: 43 Resp: 137883

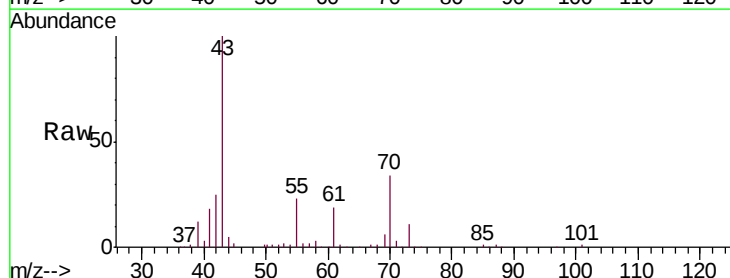
Ion Ratio Lower Upper

43 100

70 32.7 26.1 39.1

55 22.4 16.3 24.5

61 18.9 15.0 22.4

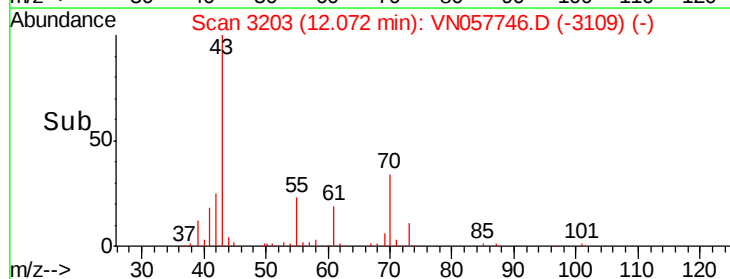
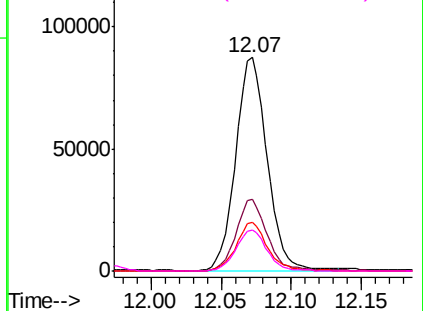


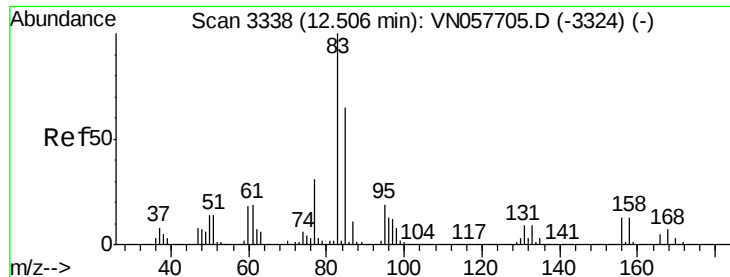
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.742 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

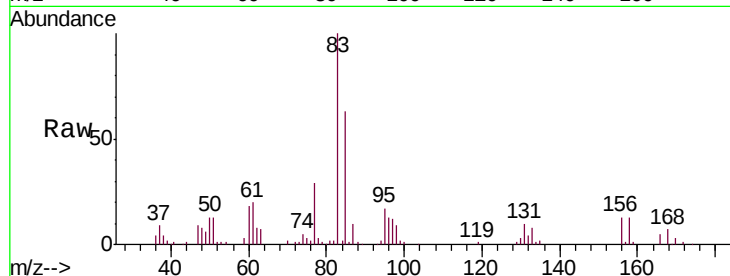
Tgt Ion: 83 Resp: 91803

Ion Ratio Lower Upper

83 100

131 10.2 4.5 13.5

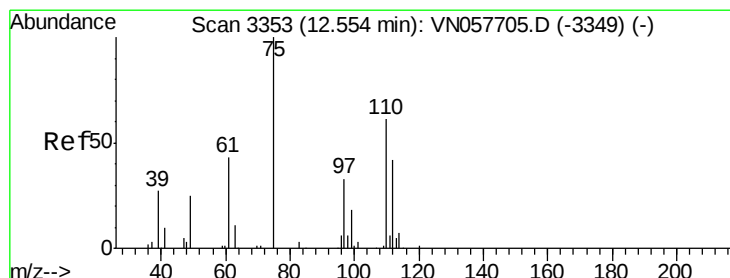
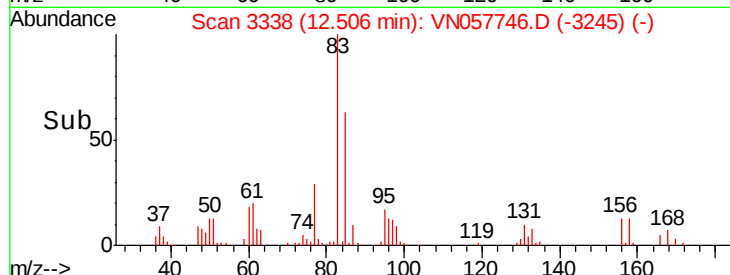
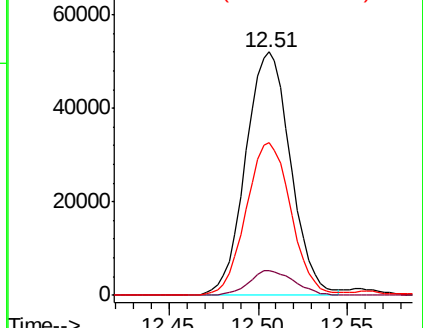
85 62.4 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.601 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057746.D

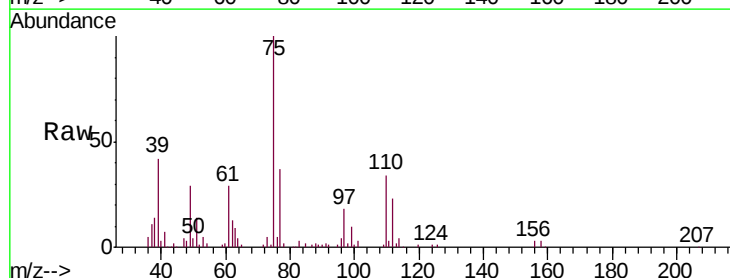
Acq: 7 Sep 2019 12:32

Tgt Ion: 75 Resp: 111178

Ion Ratio Lower Upper

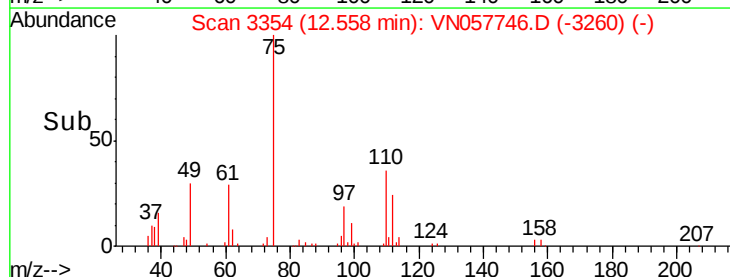
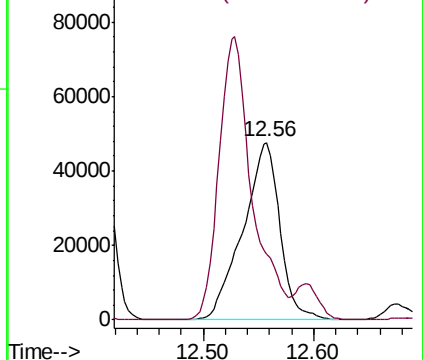
75 100

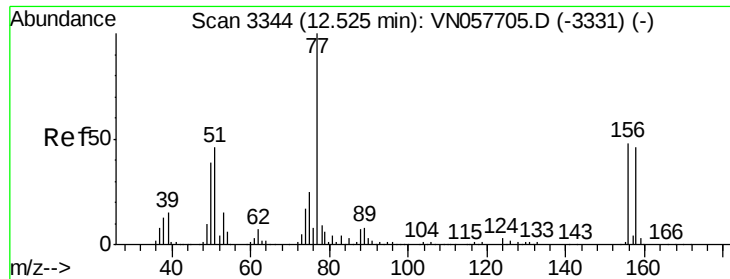
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.289 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampled :

VN0907WBS01

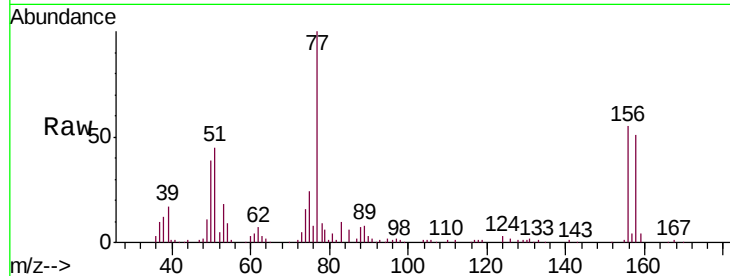
Tgt Ion:156 Resp: 71723

Ion Ratio Lower Upper

156 100

77 220.6 125.4 376.2

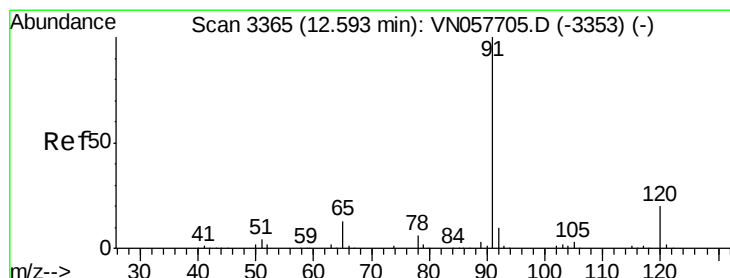
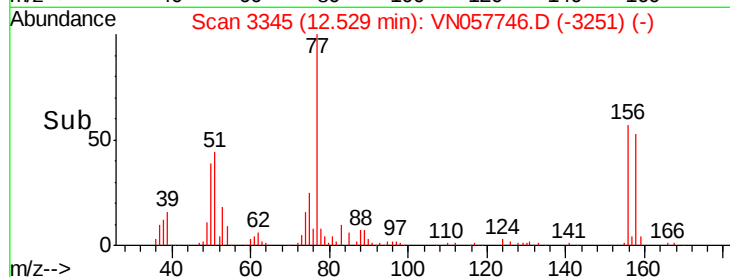
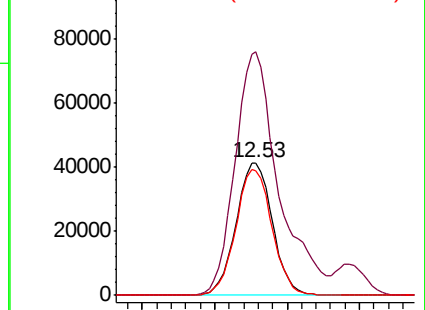
158 94.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.038 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057746.D

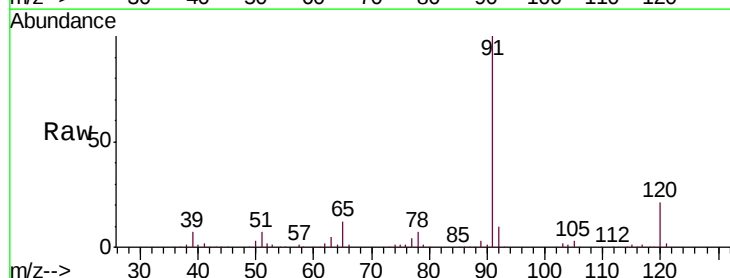
Acq: 7 Sep 2019 12:32

Tgt Ion: 91 Resp: 350769

Ion Ratio Lower Upper

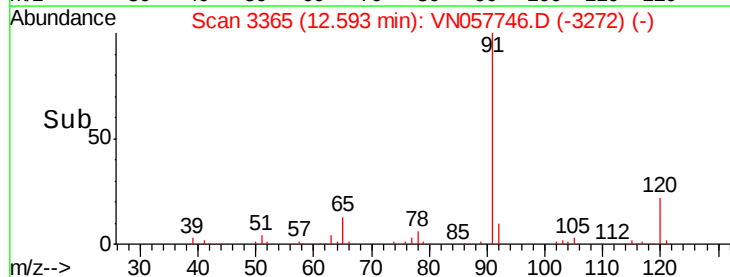
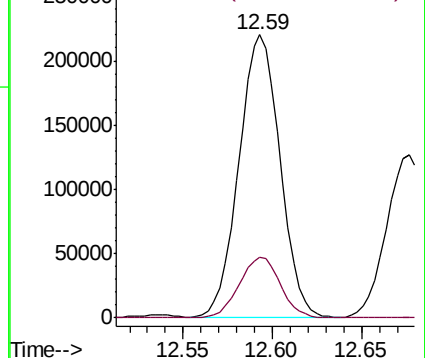
91 100

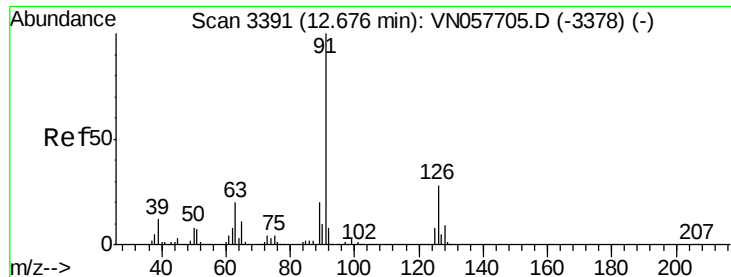
120 21.5 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.621 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

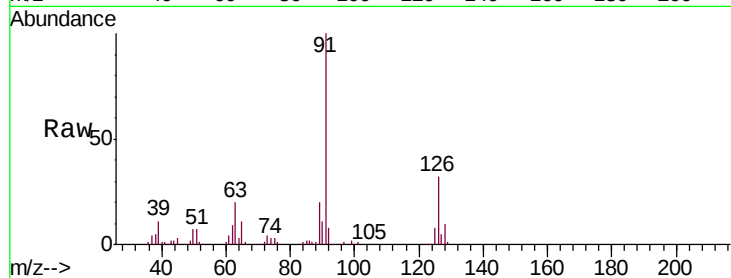
VN0907WBS01

Tgt Ion: 91 Resp: 208858

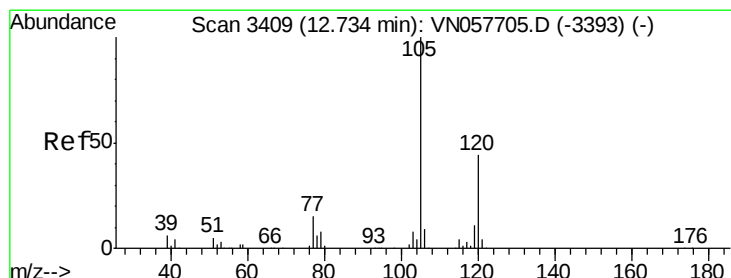
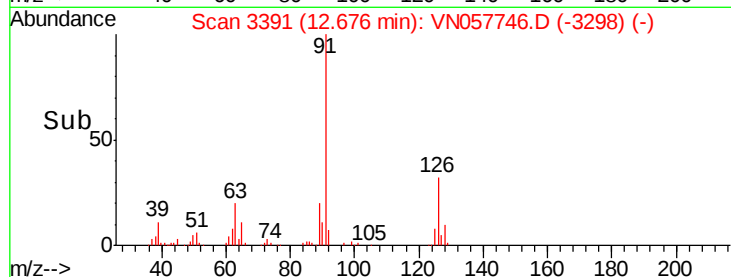
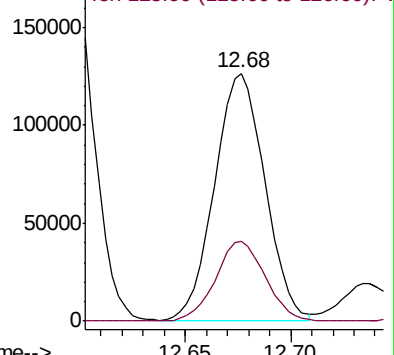
Ion Ratio Lower Upper

91 100

126 32.1 14.5 43.5



Abundance Ion 91.00 (90.70 to 91.70): VN057705.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.450 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057746.D

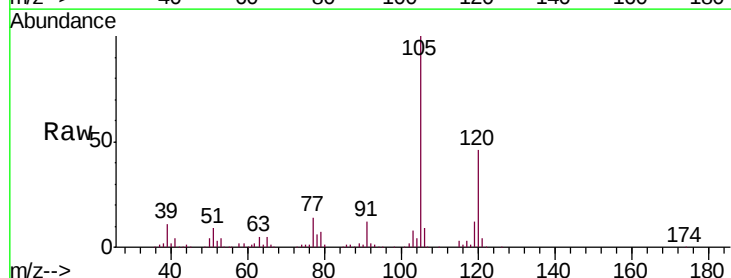
Acq: 7 Sep 2019 12:32

Tgt Ion: 105 Resp: 256227

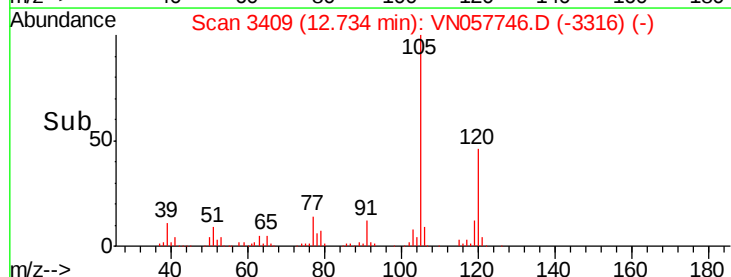
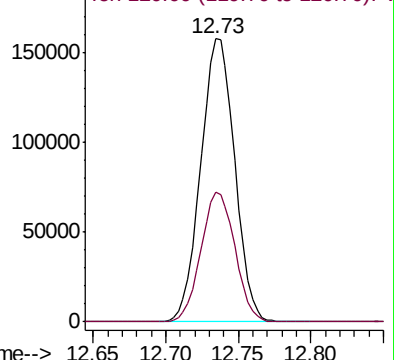
Ion Ratio Lower Upper

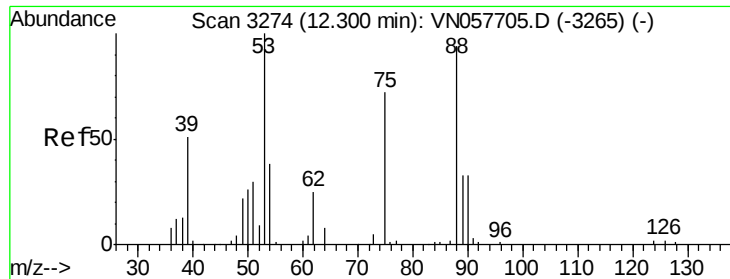
105 100

120 45.8 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): VN057705.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.499 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

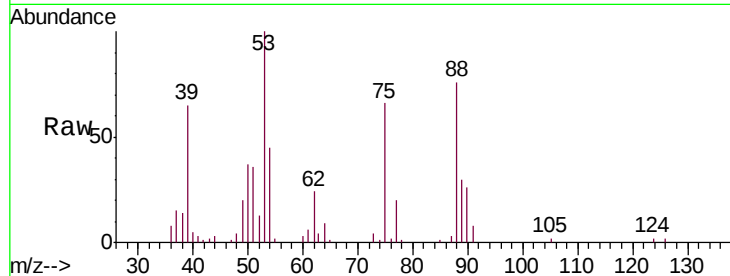
Tgt Ion: 75 Resp: 20074

Ion Ratio Lower Upper

75 100

53 144.2 107.0 160.6

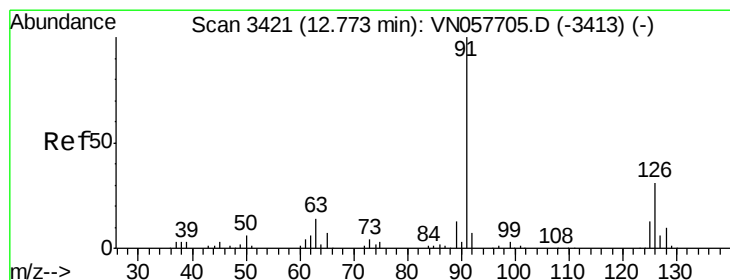
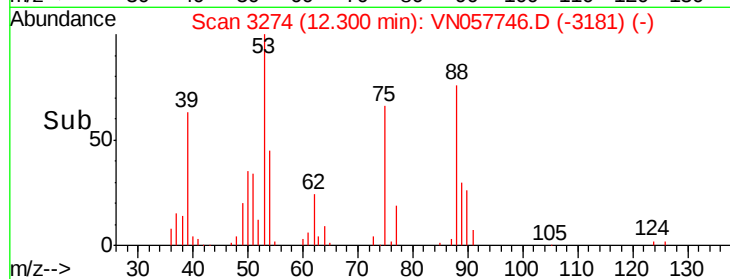
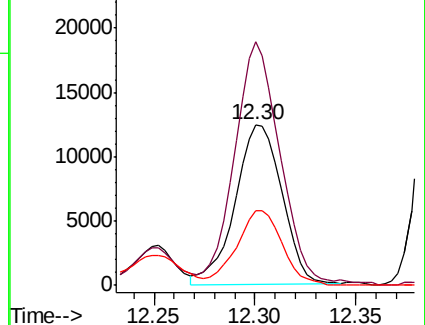
89 46.1 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.847 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057746.D

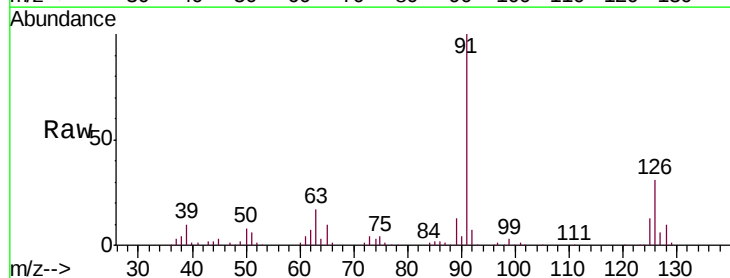
Acq: 7 Sep 2019 12:32

Tgt Ion: 91 Resp: 217723

Ion Ratio Lower Upper

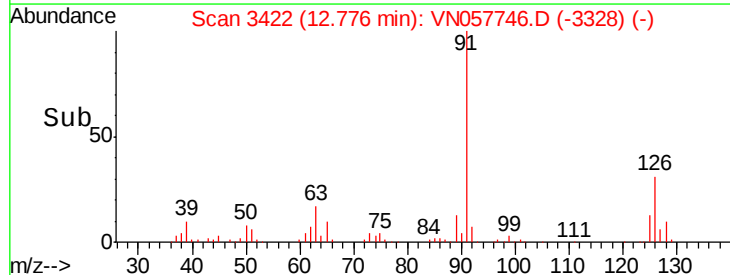
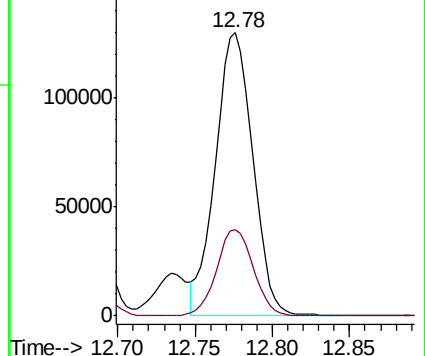
91 100

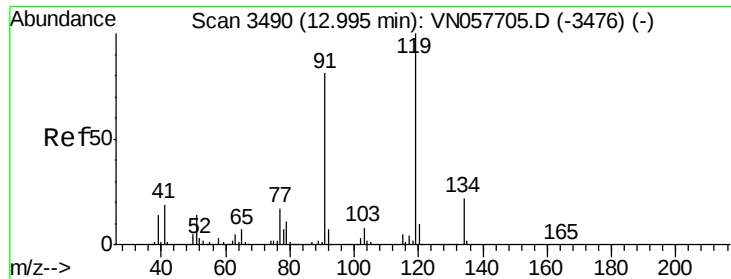
126 30.2 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

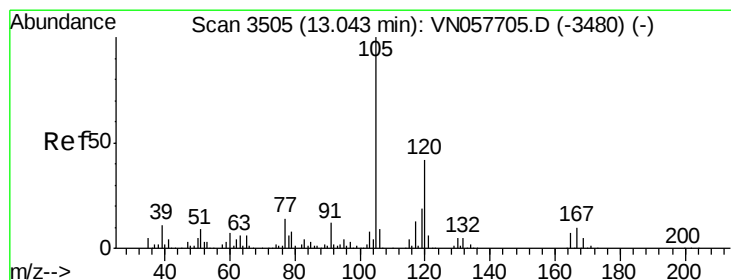
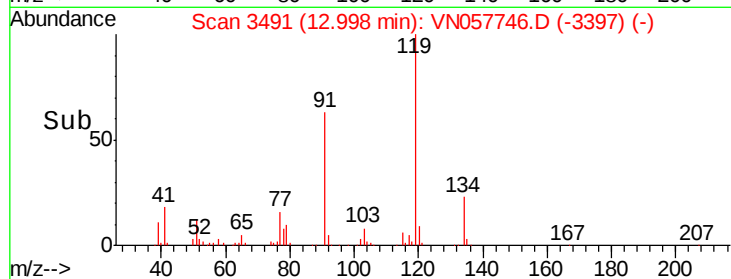
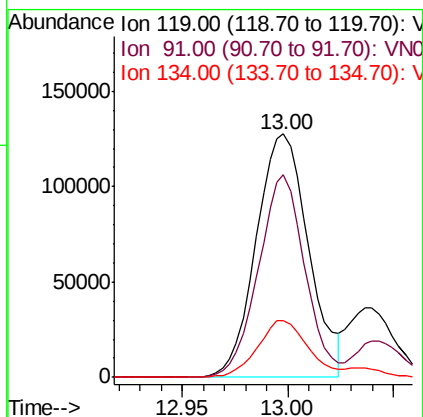
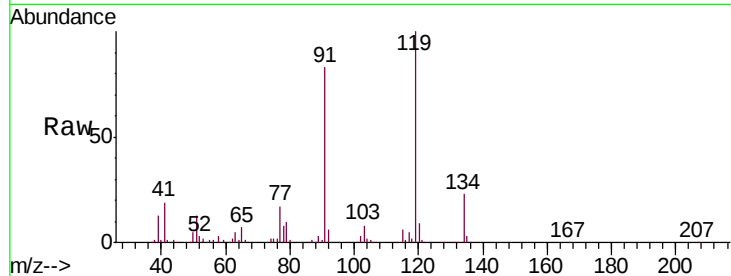




#83
 tert-Butylbenzene
 Concen: 19.845 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

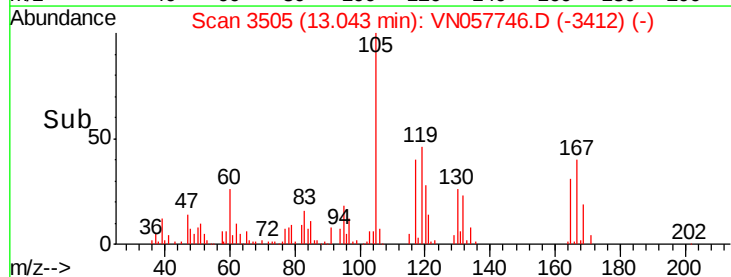
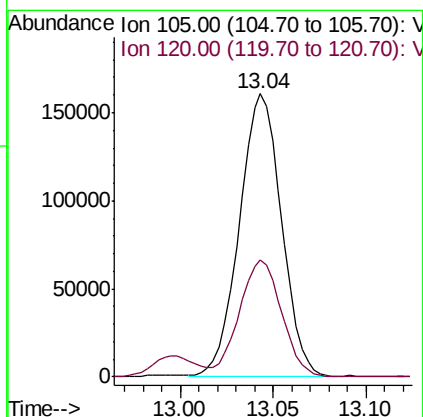
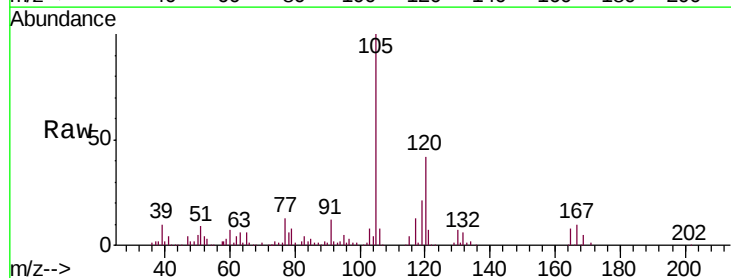
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

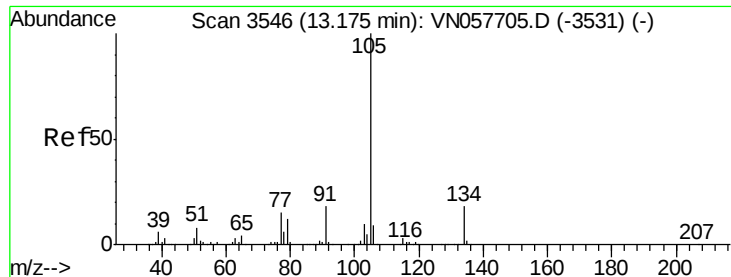
Tgt Ion:119 Resp: 220396
 Ion Ratio Lower Upper
 119 100
 91 74.0 39.6 118.8
 134 22.8 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.297 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Tgt Ion:105 Resp: 251813
 Ion Ratio Lower Upper
 105 100
 120 41.9 20.8 62.5





#85

sec-Butylbenzene

Concen: 19.022 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

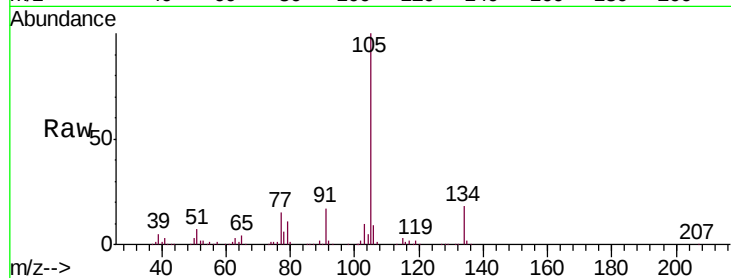
VN0907WBS01

Tgt Ion:105 Resp: 291044

Ion Ratio Lower Upper

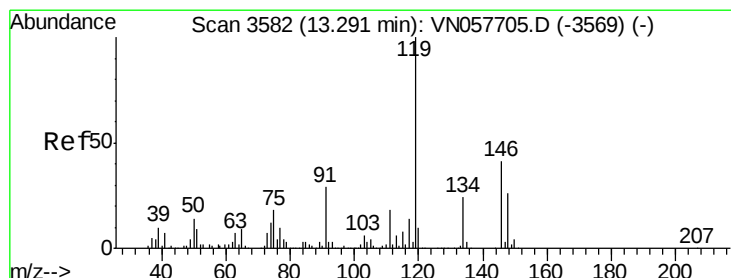
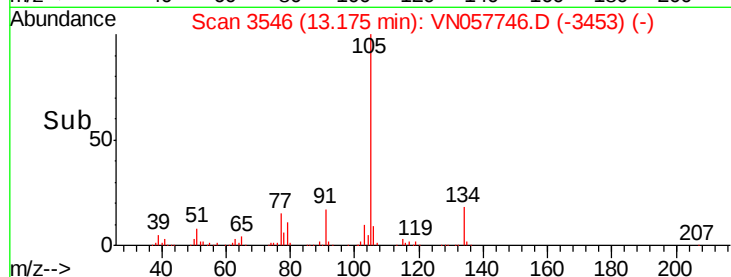
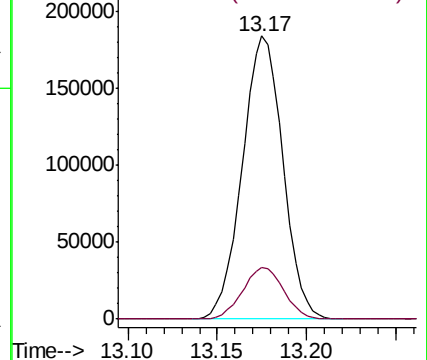
105 100

134 18.4 8.8 26.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.665 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

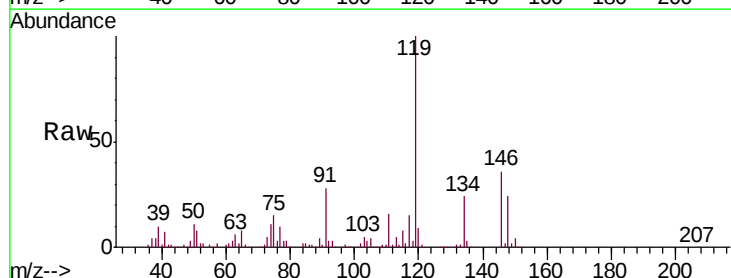
Tgt Ion:119 Resp: 254987

Ion Ratio Lower Upper

119 100

134 25.2 12.4 37.0

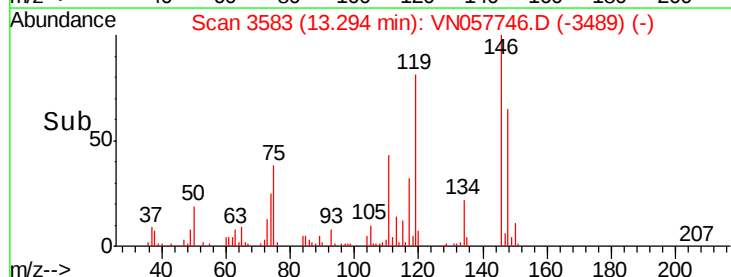
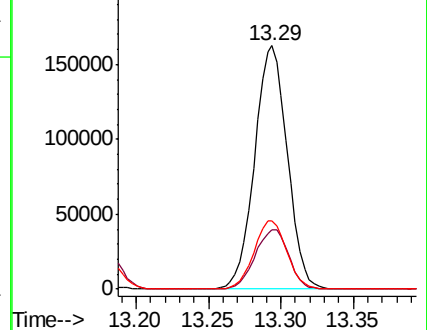
91 28.1 14.8 44.3

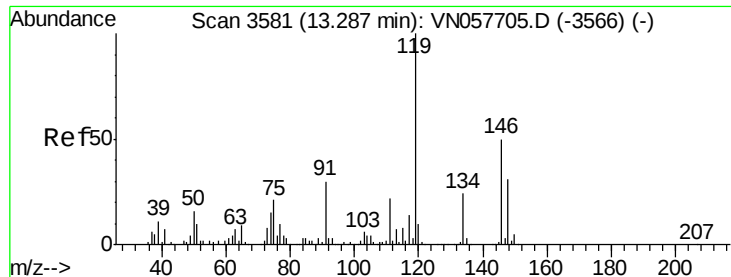


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

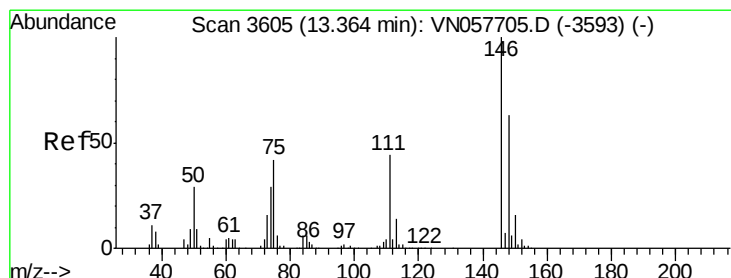
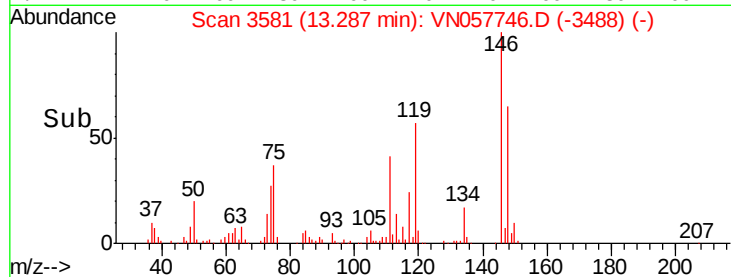
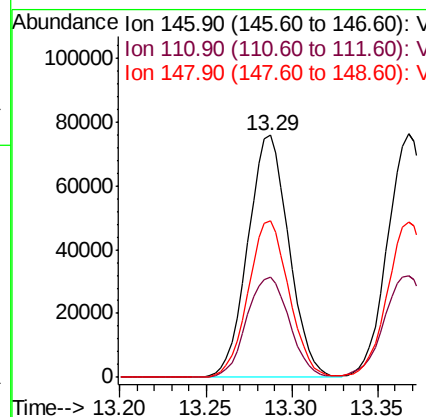
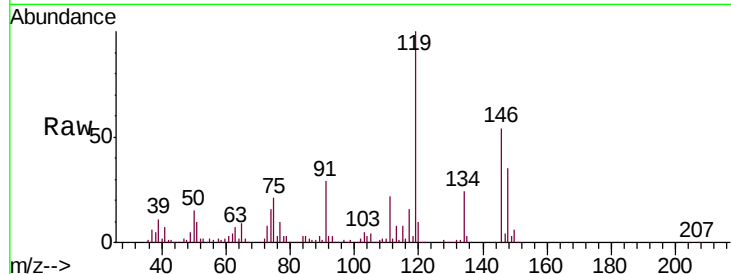




#87
 1,3-Dichlorobenzene
 Concen: 19.920 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

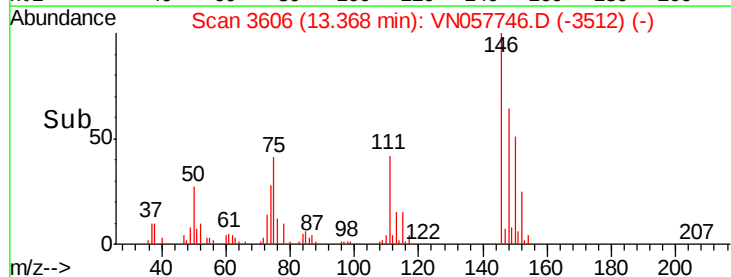
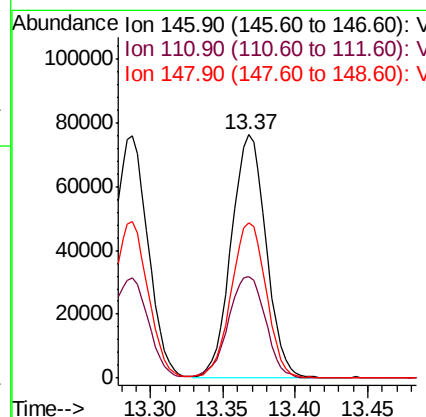
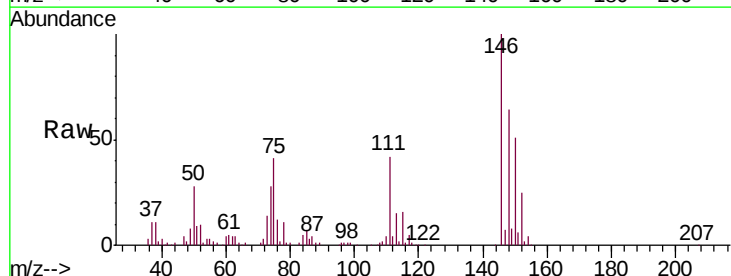
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

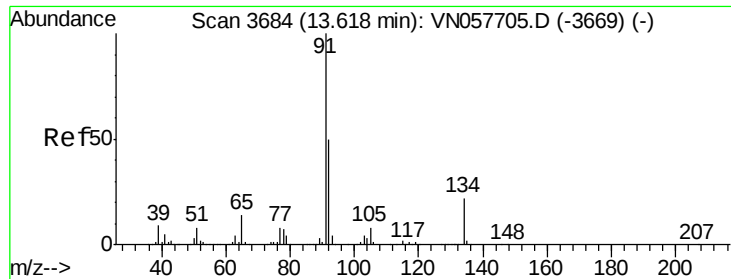
Tgt Ion:146 Resp: 125461
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.3 66.8
 148 64.4 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.099 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Tgt Ion:146 Resp: 126638
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.3 66.9
 148 64.2 31.9 95.7





#89

n-Butylbenzene

Concen: 18.634 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

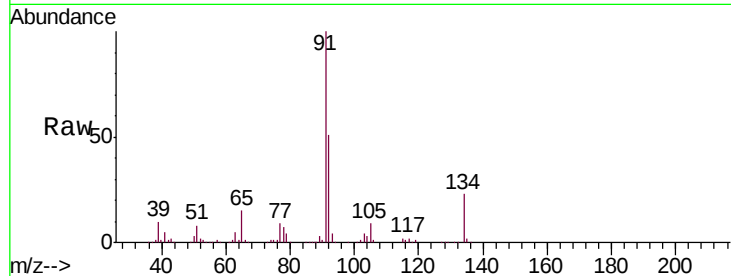
Tgt Ion: 91 Resp: 238958

Ion Ratio Lower Upper

91 100

92 51.2 25.6 76.8

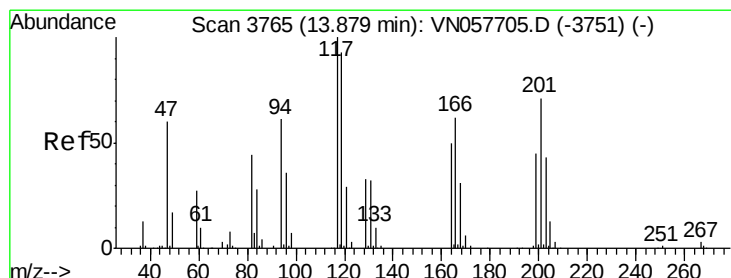
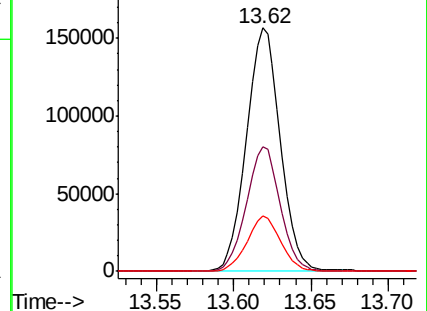
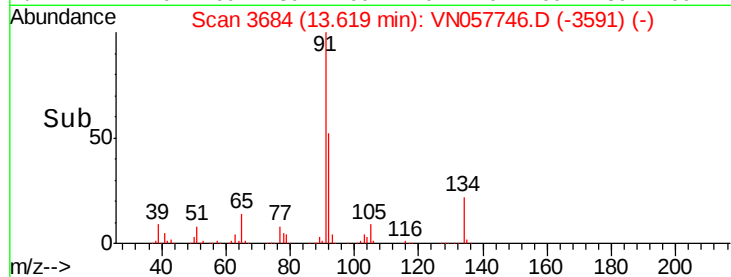
134 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN057705.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN057705.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN057705.D (-3669) (-)



#90

Hexachloroethane

Concen: 19.051 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057746.D

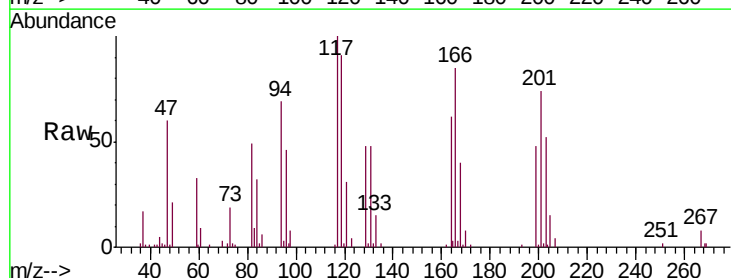
Acq: 7 Sep 2019 12:32

Tgt Ion: 117 Resp: 38706

Ion Ratio Lower Upper

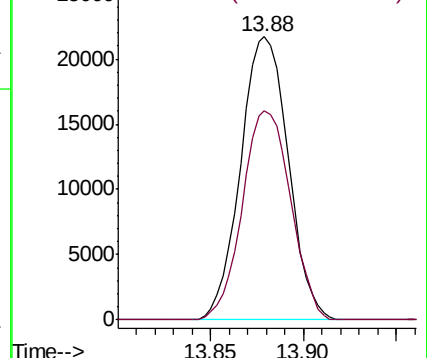
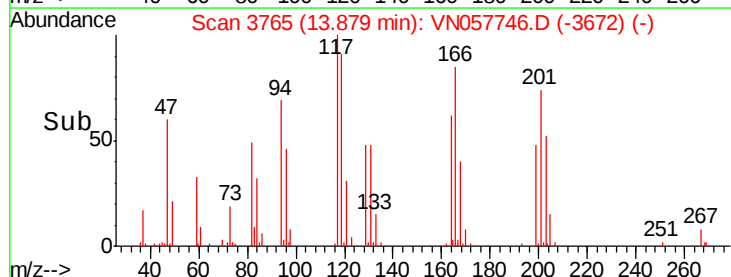
117 100

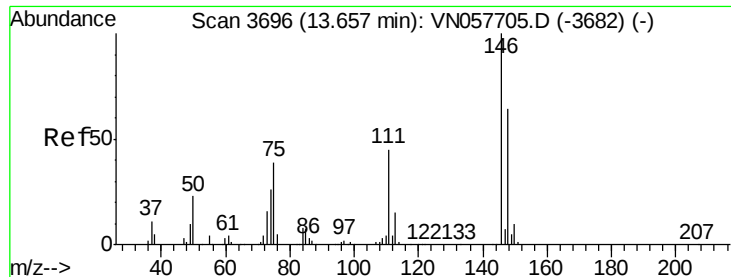
201 74.9 36.4 109.2



Abundance Ion 116.80 (116.50 to 117.50): VN057705.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057705.D (-3751) (-)

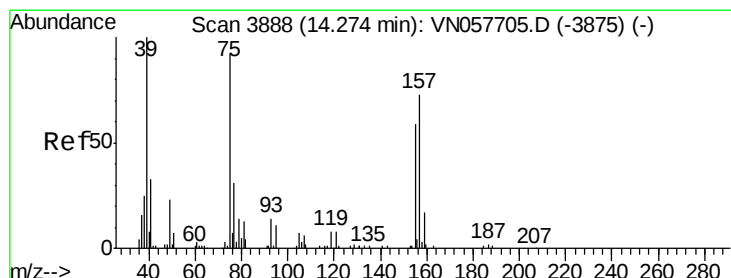
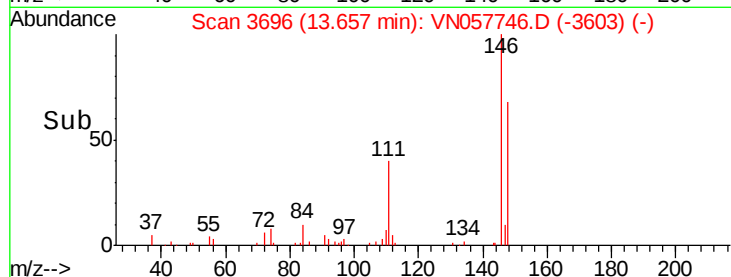
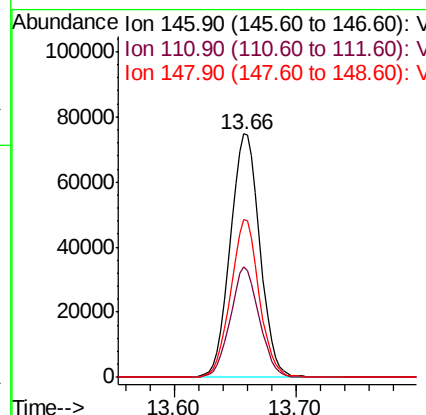
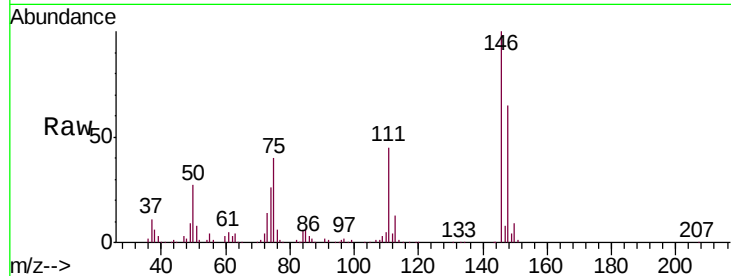




#91
 1,2-Dichlorobenzene
 Concen: 20.475 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

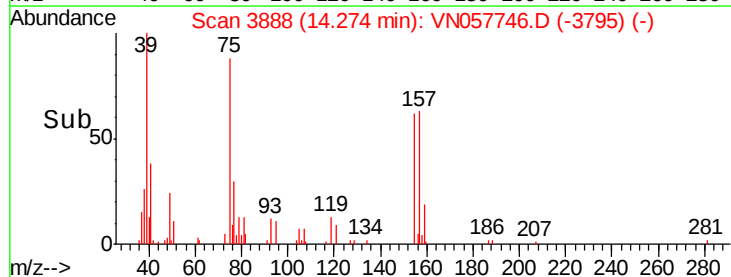
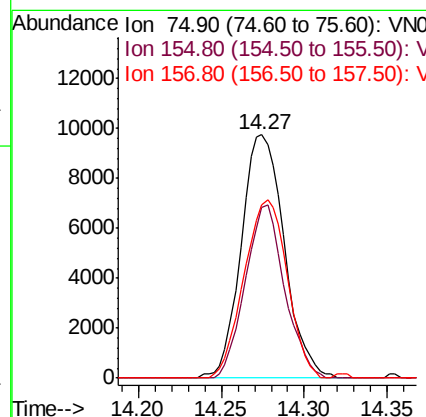
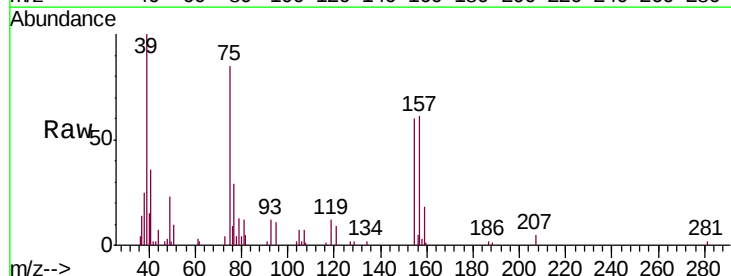
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

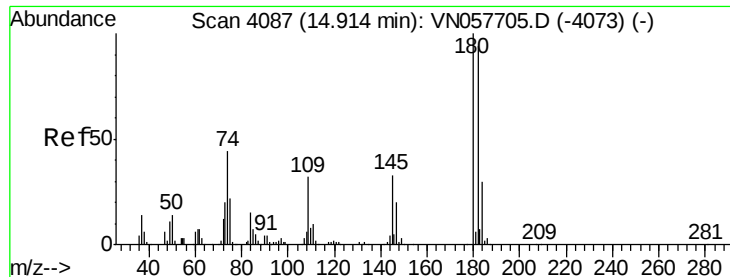
Tgt Ion: 146 Resp: 126963
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.8 68.3
 148 62.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.224 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Tgt Ion: 75 Resp: 17612
 Ion Ratio Lower Upper
 75 100
 155 64.8 30.1 90.5
 157 73.4 38.1 114.5

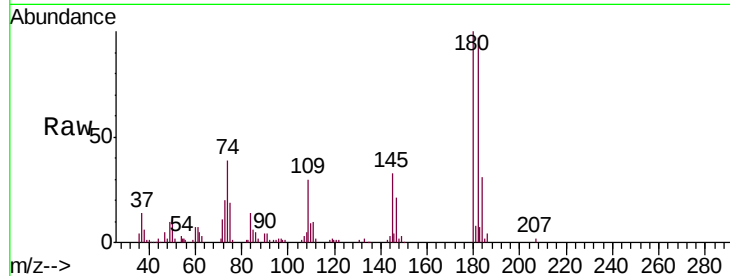




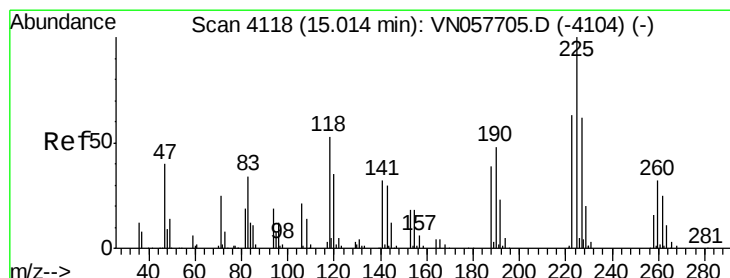
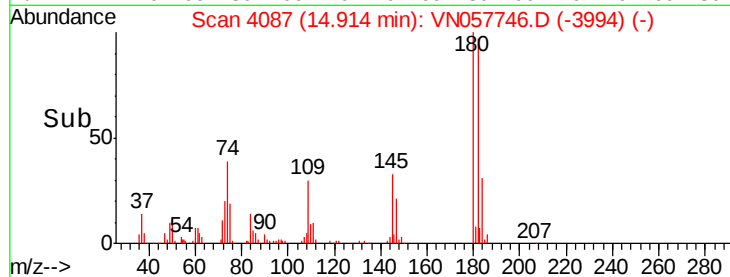
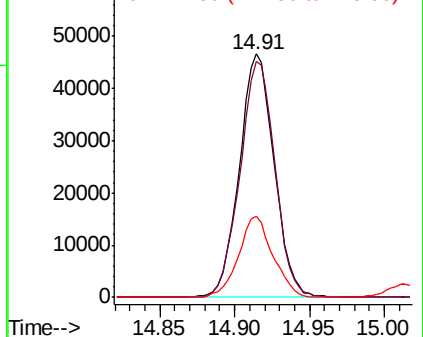
#93
 1,2,4-Trichlorobenzene
 Concen: 20.313 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS01

Tgt Ion:180 Resp: 75356
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.6 142.9
 145 32.9 16.6 49.7

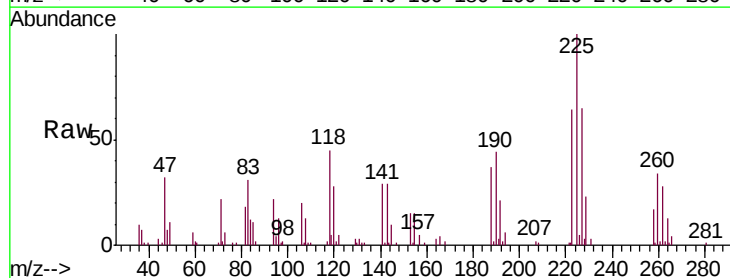


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

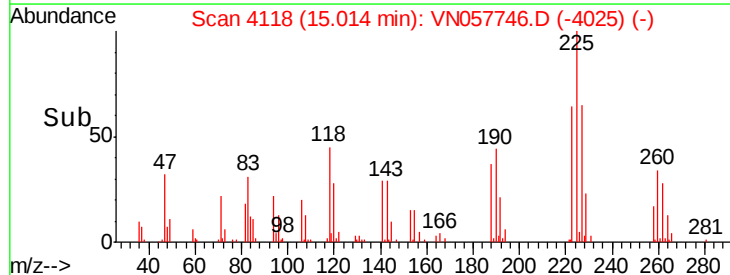
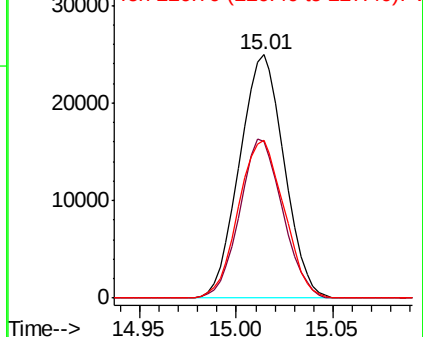


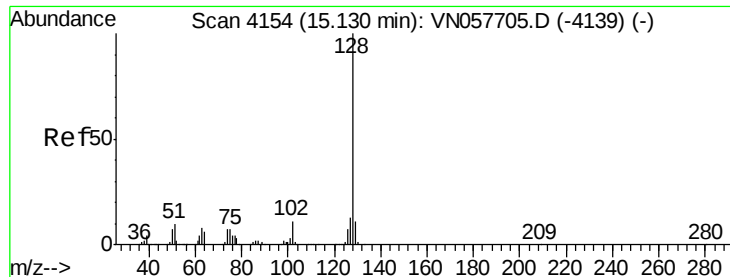
#94
 Hexachlorobutadiene
 Concen: 22.174 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057746.D
 Acq: 7 Sep 2019 12:32

Tgt Ion:225 Resp: 40095
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.6 95.0
 227 66.0 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.400 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS01

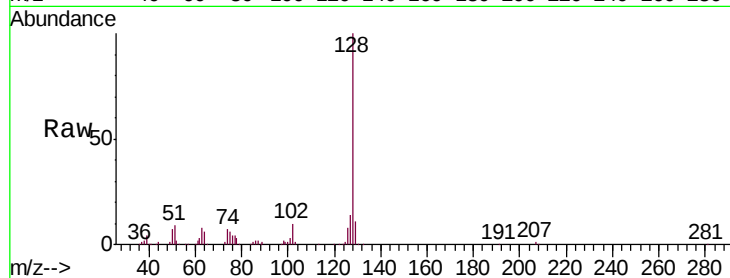
Tgt Ion:128 Resp: 208787

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.6 8.4 12.6

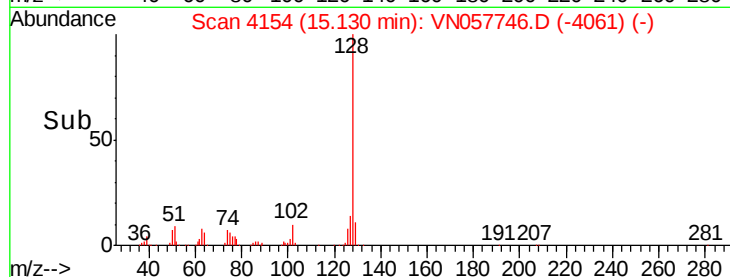


Abundance Ion 128.00 (127.70 to 128.70): V

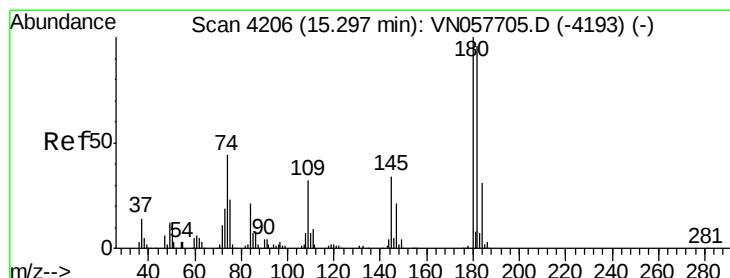
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.545 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057746.D

Acq: 7 Sep 2019 12:32

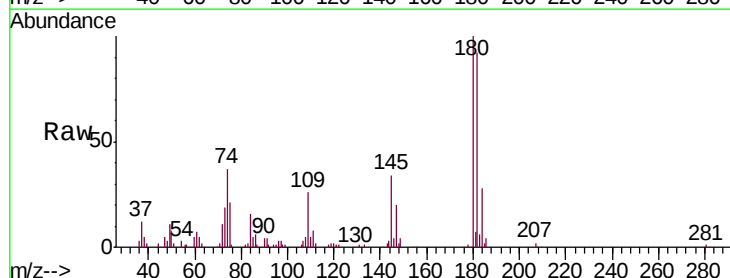
Tgt Ion:180 Resp: 73057

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 34.7 17.5 52.6

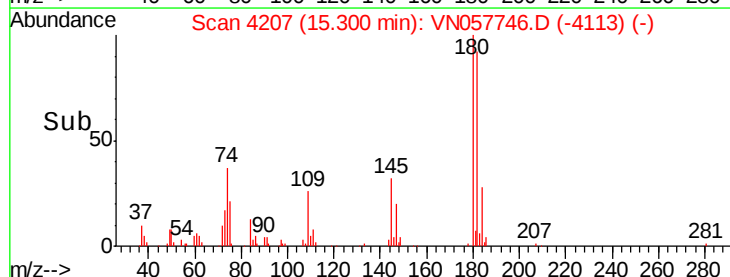


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.30



Time-->