

Data File : VN057775.D
Acq On : 8 Sep 2019 00:17
Operator : JC/SP
Sample : VN0907WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

Quant Time: Sep 08 06:43:16 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	203628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	318166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	300238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	169841	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	240850	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.58	113	154808	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
50) Toluene-d8	10.09	98	580781	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
62) 4-Bromofluorobenzene	12.40	95	223033	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	58104	17.968	ug/l	99
3) Chloromethane	2.03	50	56486	12.098	ug/l	94
4) Vinyl Chloride	2.16	62	51456	18.374	ug/l	100
5) Bromomethane	2.54	94	28462	22.130	ug/l	98
6) Chloroethane	2.68	64	30212	18.274	ug/l	90
7) Trichlorofluoromethane	3.00	101	77256	17.190	ug/l	96
8) Diethyl Ether	3.39	74	33082	18.422	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	54156	19.308	ug/l	95
10) Methyl Iodide	3.93	142	62575	22.517	ug/l	97
11) Tert butyl alcohol	4.77	59	49621	88.164	ug/l	99
12) 1,1-Dichloroethene	3.71	96	47016	18.630	ug/l	96
13) Acrolein	3.59	56	21828	81.550	ug/l	94
14) Allyl chloride	4.30	41	93907	16.284	ug/l	99
15) Acrylonitrile	4.96	53	142226	98.290	ug/l	96
16) Acetone	3.80	43	138771	91.032	ug/l	100
17) Carbon Disulfide	4.03	76	96016	16.793	ug/l	97
18) Methyl Acetate	4.30	43	79645	19.212	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	192945	18.211	ug/l	95
20) Methylene Chloride	4.53	84	59576	18.075	ug/l	95
21) trans-1,2-Dichloroethene	5.02	96	50160	18.889	ug/l	91
22) Diisopropyl ether	5.93	45	223573	18.327	ug/l	96
23) Vinyl Acetate	5.87	43	896642	90.806	ug/l	100
24) 1,1-Dichloroethane	5.83	63	114197	18.256	ug/l	100
25) 2-Butanone	6.82	43	210840	96.579	ug/l	98
26) 2,2-Dichloropropane	6.81	77	67717	12.977	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	63610	19.084	ug/l	91
28) Bromochloromethane	7.18	49	62261	19.023	ug/l	93
29) Tetrahydrofuran	7.20	42	136233	96.765	ug/l	99
30) Chloroform	7.36	83	120584	18.500	ug/l	98
31) Cyclohexane	7.64	56	95977	17.262	ug/l	88
32) 1,1,1-Trichloroethane	7.55	97	100436	18.499	ug/l	98
36) 1,1-Dichloropropene	7.78	75	81749	19.314	ug/l	97
37) Ethyl Acetate	6.91	43	87350	20.787	ug/l	99
38) Carbon Tetrachloride	7.76	117	81174	20.029	ug/l	96

Data File : VN057775.D
Acq On : 8 Sep 2019 00:17
Operator : JC/SP
Sample : VN0907WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

Quant Time: Sep 08 06:43:16 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	85279	19.048	ug/l	98
40) Benzene	8.03	78	238987	19.962	ug/l	99
41) Methacrylonitrile	7.15	41	34142	16.622	ug/l #	87
42) 1,2-Dichloroethane	8.11	62	106631	19.001	ug/l	96
43) Isopropyl Acetate	8.15	43	152652	18.926	ug/l	98
44) Trichloroethene	8.83	130	58272	21.656	ug/l	100
45) 1,2-Dichloropropane	9.11	63	67361	20.118	ug/l	100
46) Dibromomethane	9.20	93	45819	21.333	ug/l	95
47) Bromodichloromethane	9.40	83	87222	19.108	ug/l #	99
48) Methyl methacrylate	9.19	41	77434	18.667	ug/l	98
49) 1,4-Dioxane	9.19	88	19478	403.566	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	462282	103.203	ug/l	99
52) Toluene	10.15	92	147295	20.299	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	80082	17.487	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	89055	17.999	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	60642	20.767	ug/l	99
56) Ethyl methacrylate	10.43	69	92750	19.899	ug/l	97
57) 1,3-Dichloropropane	10.71	76	106844	20.369	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	236302	99.930	ug/l	99
59) 2-Hexanone	10.75	43	329910	104.446	ug/l	100
60) Dibromochloromethane	10.90	129	55684	18.882	ug/l	98
61) 1,2-Dibromoethane	11.00	107	60173	21.464	ug/l	99
64) Tetrachloroethene	10.63	164	49857	21.300	ug/l	96
65) Chlorobenzene	11.43	112	156666	20.003	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	56558	20.754	ug/l	98
67) Ethyl Benzene	11.51	91	295507	19.556	ug/l	99
68) m/p-Xylenes	11.62	106	208581	40.076	ug/l	98
69) o-Xylene	11.95	106	103329	20.050	ug/l	99
70) Styrene	11.97	104	174508	19.570	ug/l	99
71) Bromoform	12.13	173	34303	18.995	ug/l #	97
73) Isopropylbenzene	12.25	105	291526	19.415	ug/l	99
74) N-amyl acetate	12.07	43	132274	17.635	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	88707	19.701	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	109171	27.991	ug/l #	100
77) Bromobenzene	12.53	156	69189	21.210	ug/l	90
78) n-propylbenzene	12.59	91	343859	19.275	ug/l	98
79) 2-Chlorotoluene	12.68	91	209311	19.273	ug/l	97
80) 1,3,5-Trimethylbenzene	12.74	105	251659	19.730	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	17494	13.950	ug/l	90
82) 4-Chlorotoluene	12.78	91	215568	19.273	ug/l	99
83) tert-Butylbenzene	13.00	119	210958	19.619	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	247258	19.569	ug/l	99
85) sec-Butylbenzene	13.17	105	282234	19.052	ug/l	97
86) p-Isopropyltoluene	13.29	119	247331	19.700	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	123591	20.266	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	120668	19.780	ug/l	97
89) n-Butylbenzene	13.62	91	231453	18.641	ug/l	98
90) Hexachloroethane	13.88	117	34987	17.785	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	122622	20.423	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16254	18.324	ug/l	92

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

Data File : VN057775.D
Acq On : 8 Sep 2019 00:17
Operator : JC/SP
Sample : VN0907WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

Quant Time: Sep 08 06:43:16 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

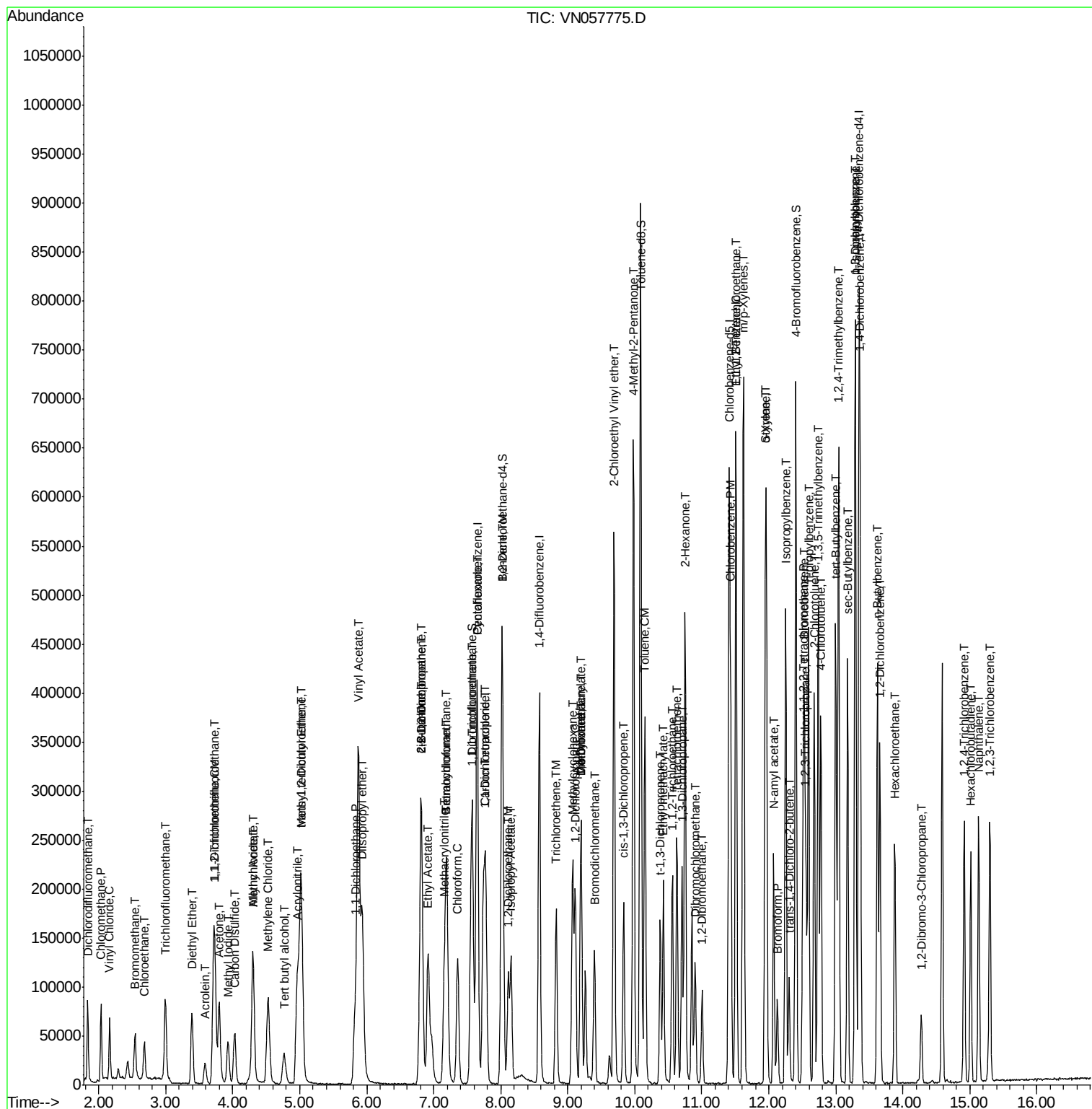
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	76053	21.173	ug/l	98
94) Hexachlorobutadiene	15.02	225	38278	21.863	ug/l	96
95) Naphthalene	15.13	128	202490	19.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	72636	21.097	ug/l	98

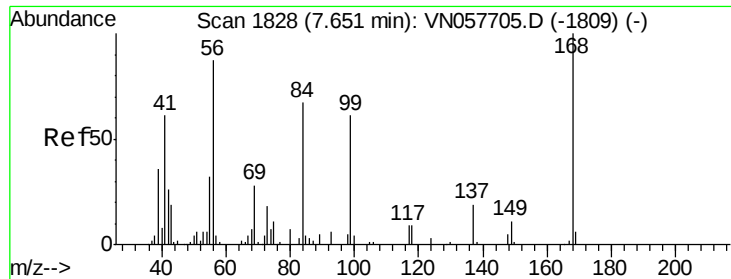
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN057775.D
Acq On : 8 Sep 2019 00:17
Operator : JC/SP
Sample : VN0907WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

Quant Time: Sep 08 06:43:16 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

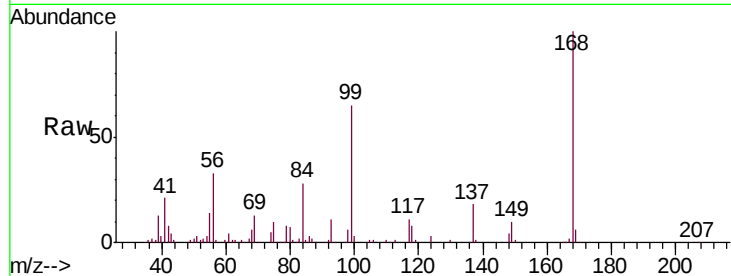
VN0907WBS02

Tgt Ion:168 Resp: 203628

Ion Ratio Lower Upper

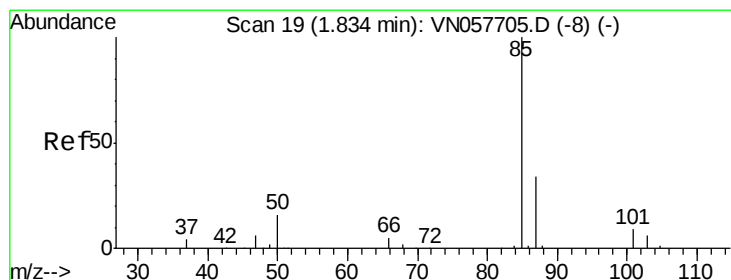
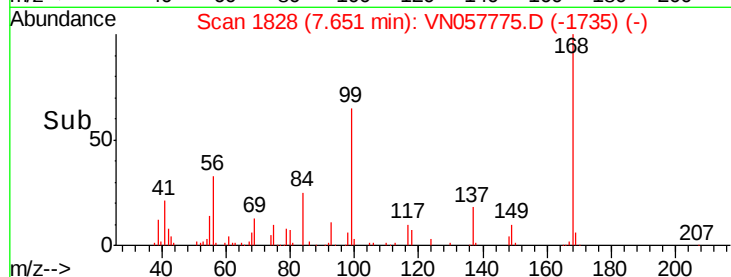
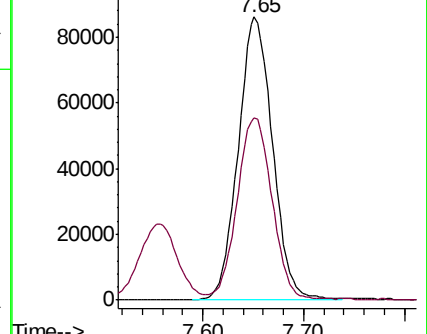
168 100

99 64.0 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): VN057775.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN057775.D (-1735) (-)



#2

Dichlorodifluoromethane

Concen: 17.968 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057775.D

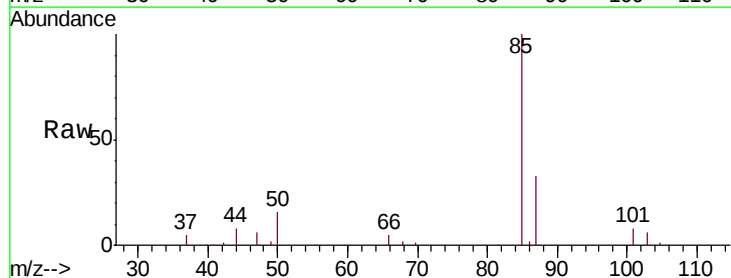
Acq: 8 Sep 2019 00:17

Tgt Ion: 85 Resp: 58104

Ion Ratio Lower Upper

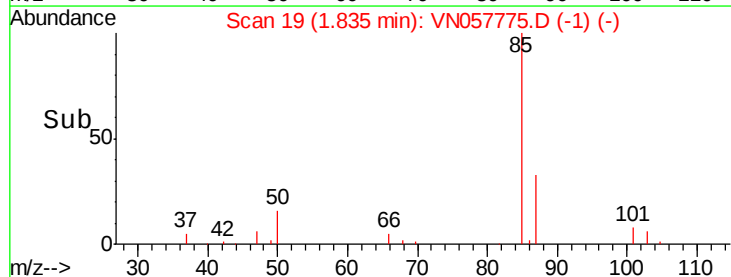
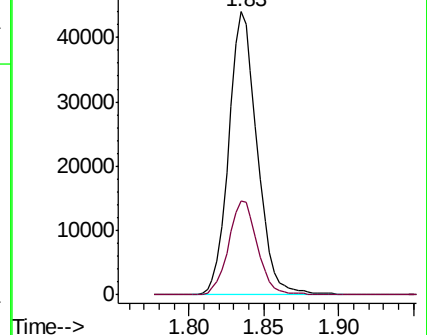
85 100

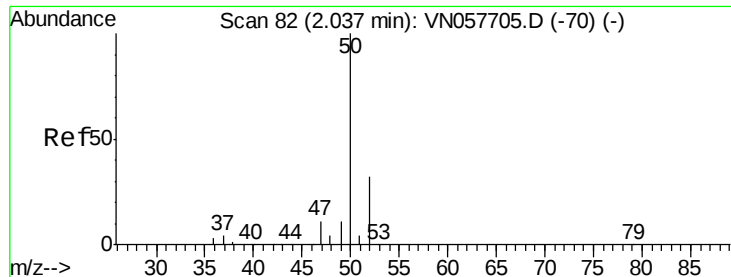
87 33.4 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VN057775.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN057775.D (-1) (-)





#3

Chloromethane

Concen: 12.098 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

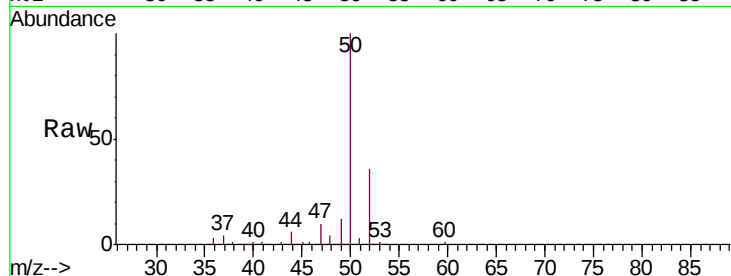
VN0907WBS02

Tgt Ion: 50 Resp: 56486

Ion Ratio Lower Upper

50 100

52 35.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

40000

30000

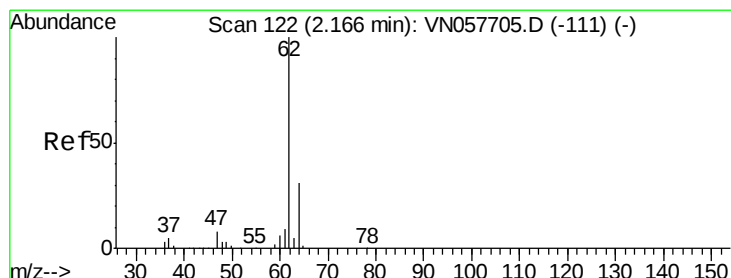
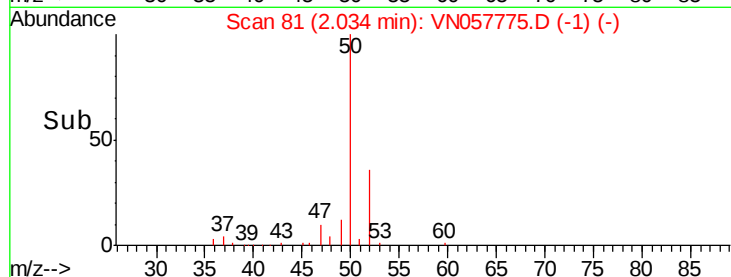
20000

10000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 18.374 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN057775.D

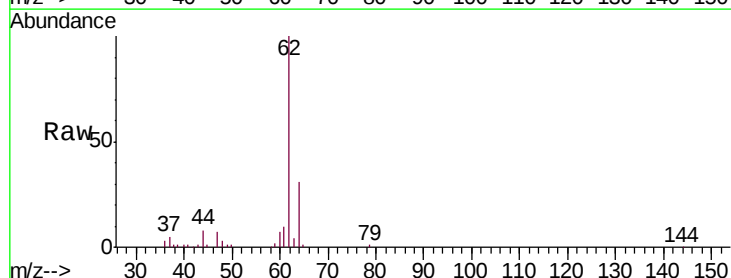
Acq: 8 Sep 2019 00:17

Tgt Ion: 62 Resp: 51456

Ion Ratio Lower Upper

62 100

64 31.2 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

40000

30000

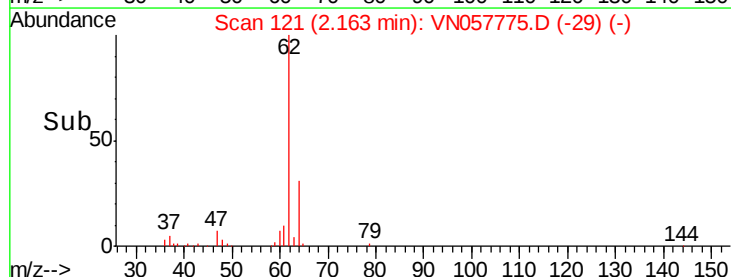
20000

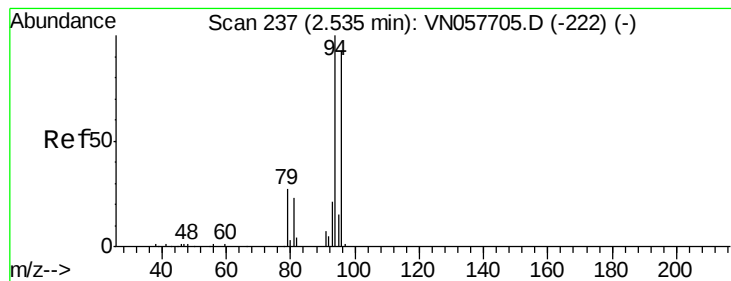
10000

0

Time-->

2.10 2.15 2.20





#5

Bromomethane

Concen: 22.130 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

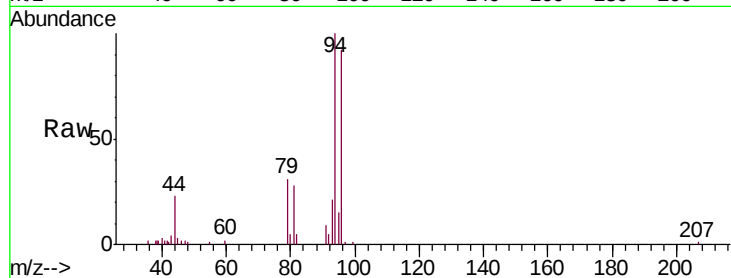
VN0907WBS02

Tgt Ion: 94 Resp: 28462

Ion Ratio Lower Upper

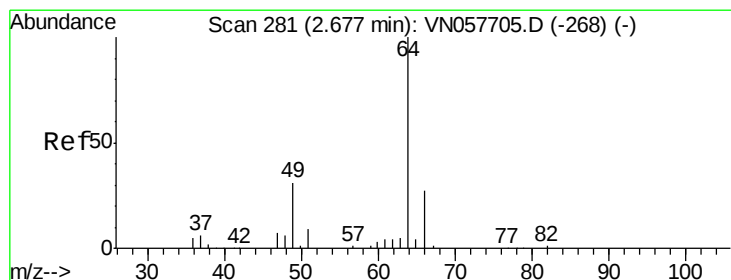
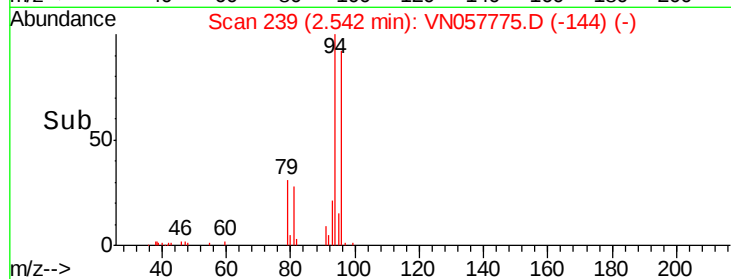
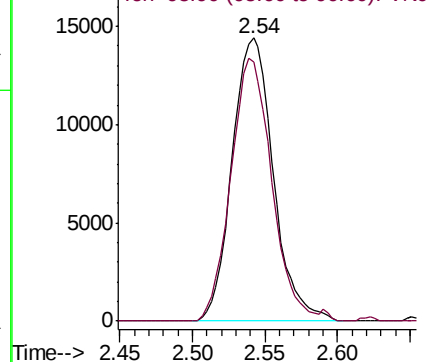
94 100

96 91.6 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: 18.274 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN057775.D

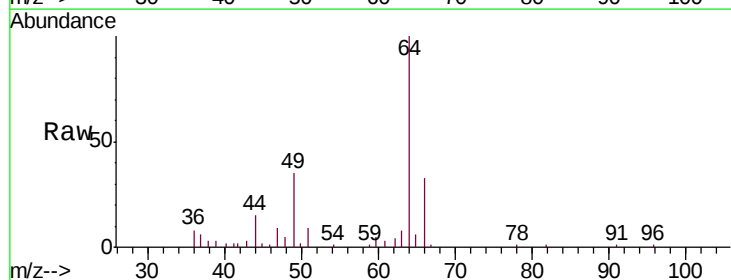
Acq: 8 Sep 2019 00:17

Tgt Ion: 64 Resp: 30212

Ion Ratio Lower Upper

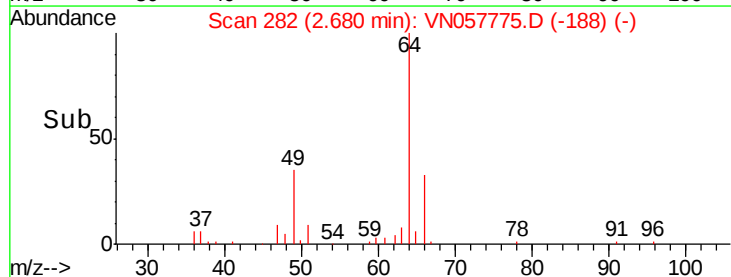
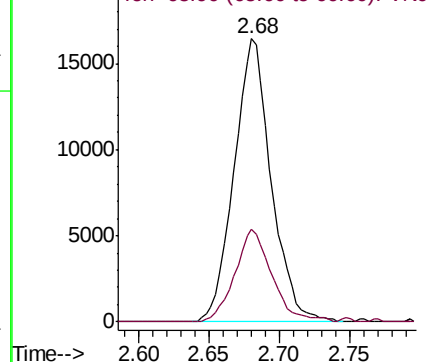
64 100

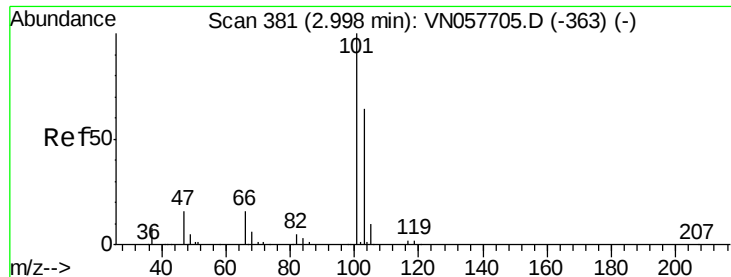
66 32.8 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



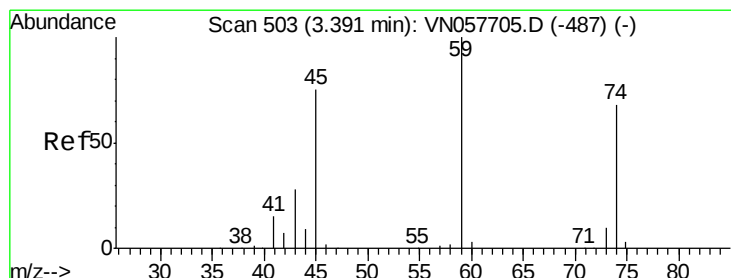
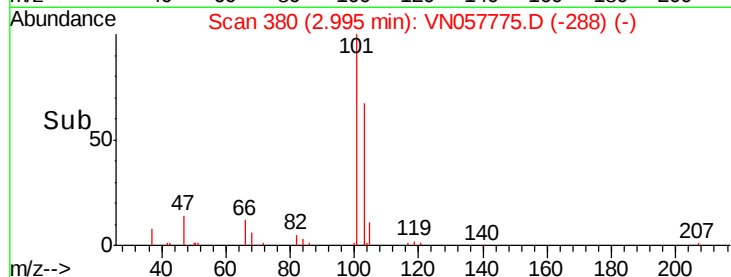
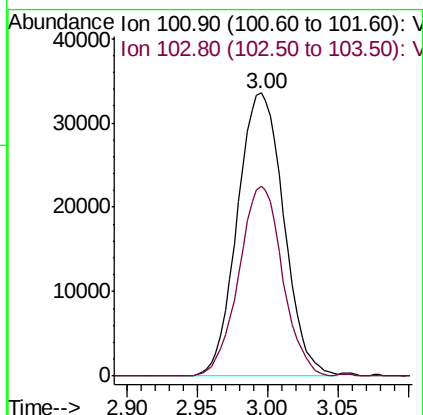
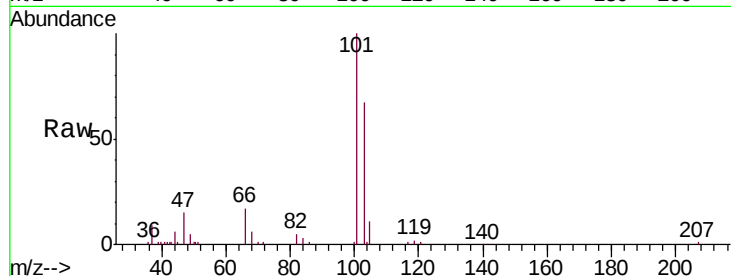


#7

Trichlorofluoromethane
Concen: 17.190 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

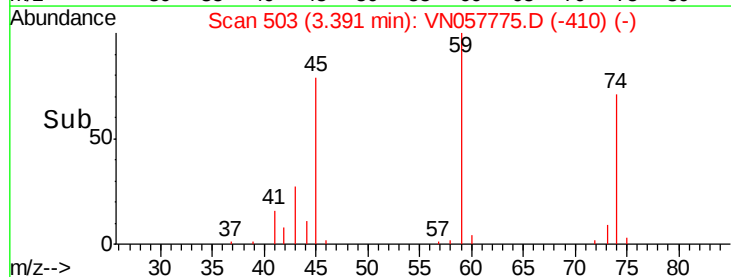
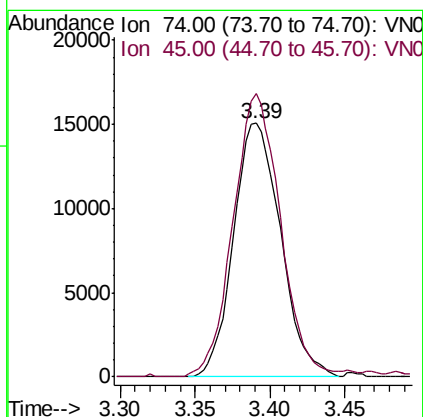
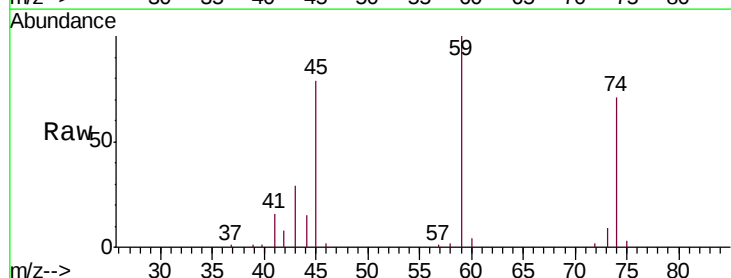
Tgt Ion:101 Resp: 77256
Ion Ratio Lower Upper
101 100
103 67.2 51.4 77.0

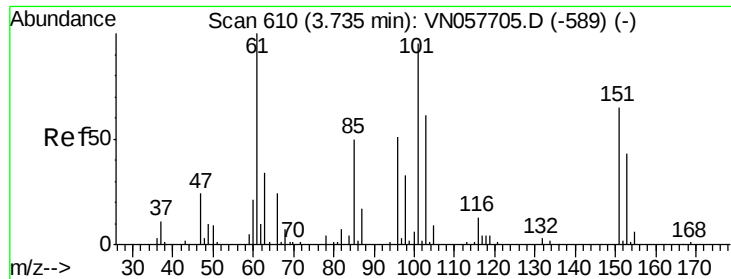


#8

Diethyl Ether
Concen: 18.422 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion: 74 Resp: 33082
Ion Ratio Lower Upper
74 100
45 111.8 55.4 166.0

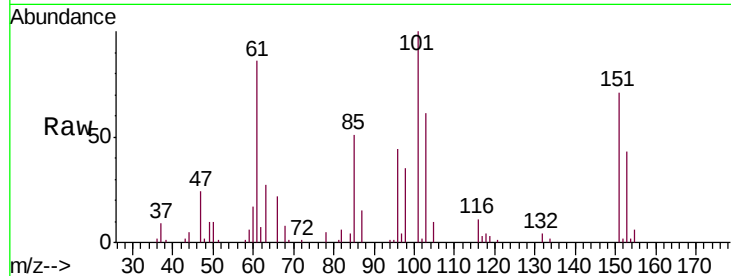




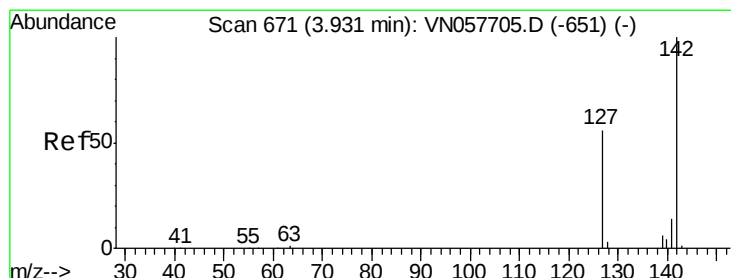
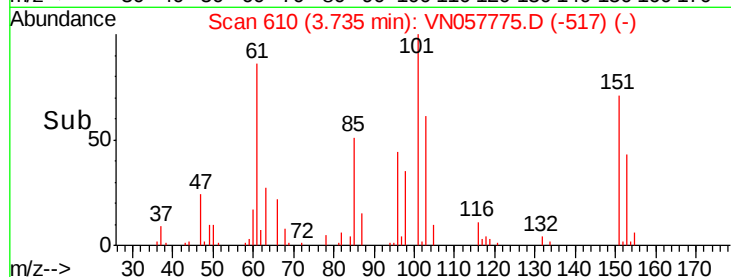
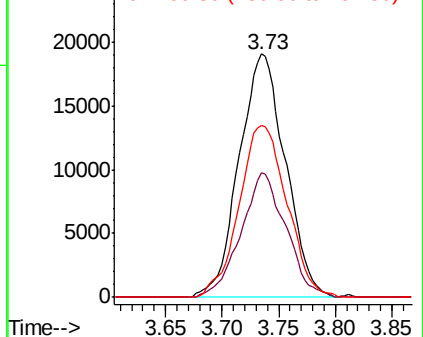
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.308 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0907WBS02

Tgt Ion:101 Resp: 54156
 Ion Ratio Lower Upper
 101 100
 85 49.6 42.8 64.2
 151 73.0 55.5 83.3

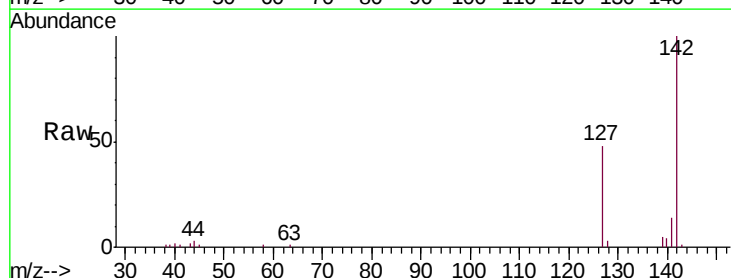


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

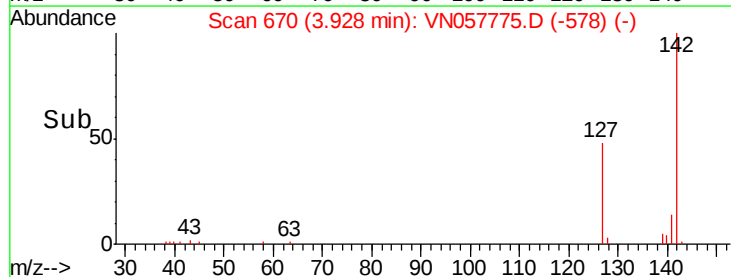
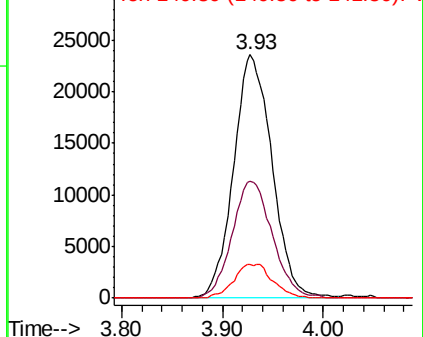


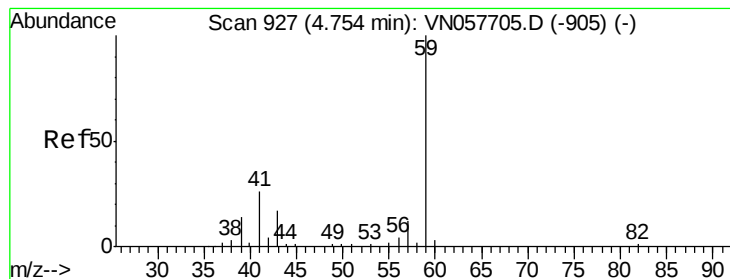
#10
 Methyl Iodide
 Concen: 22.517 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Tgt Ion:142 Resp: 62575
 Ion Ratio Lower Upper
 142 100
 127 50.1 42.1 63.1
 141 14.1 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



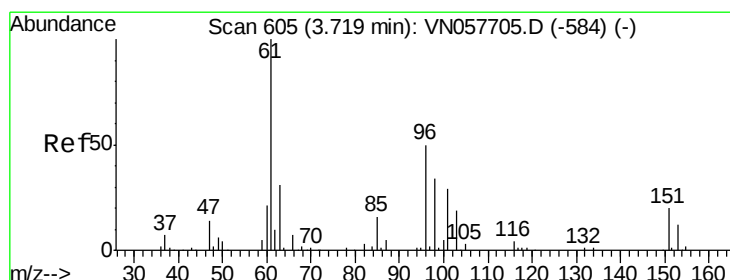
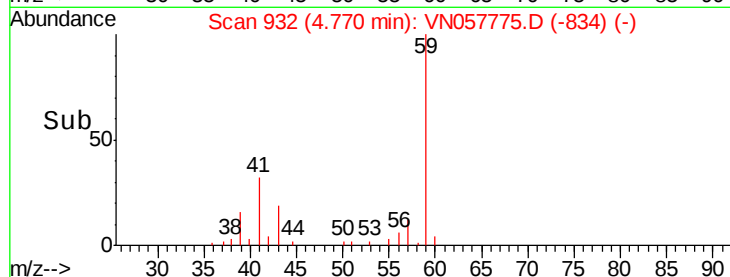
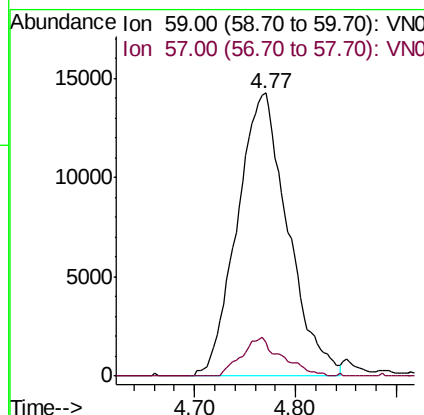
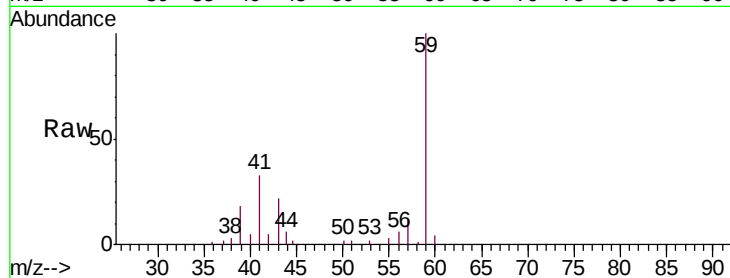


#11

Tert butyl alcohol
 Concen: 88.164 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.02 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS02

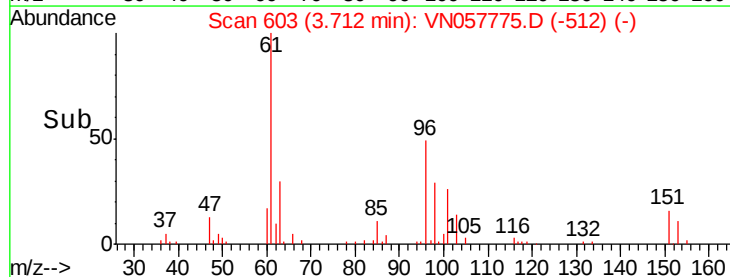
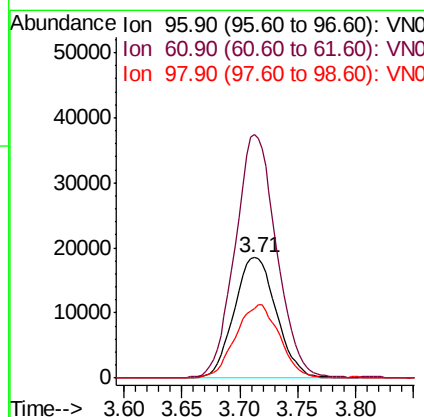
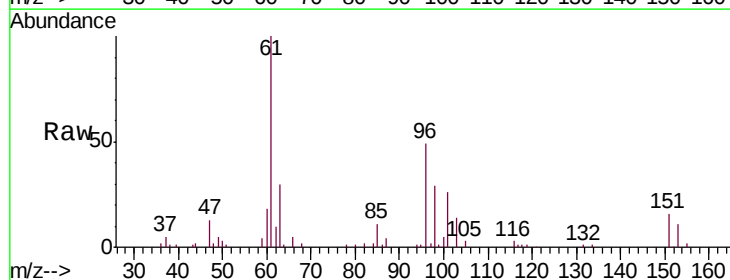
Tgt Ion: 59 Resp: 49621
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.9 13.3

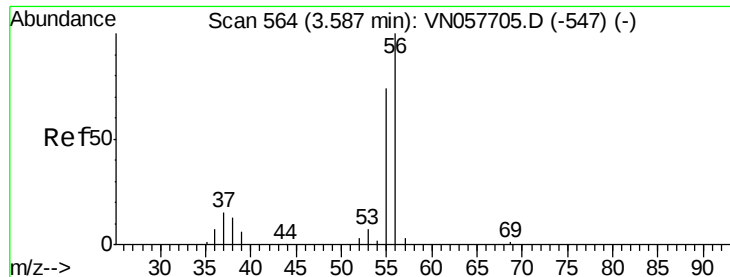


#12

1,1-Dichloroethene
 Concen: 18.630 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Tgt Ion: 96 Resp: 47016
 Ion Ratio Lower Upper
 96 100
 61 201.0 158.7 238.1
 98 57.9 53.8 80.8

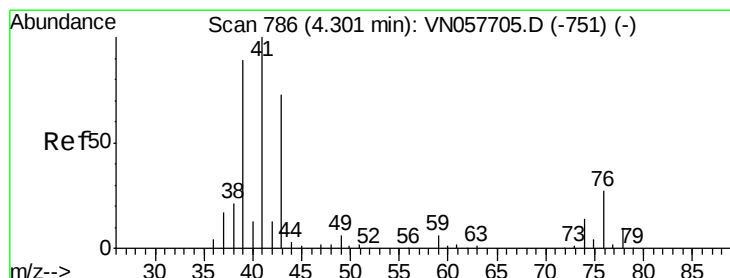
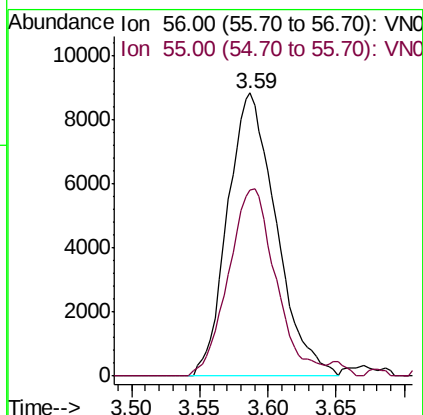
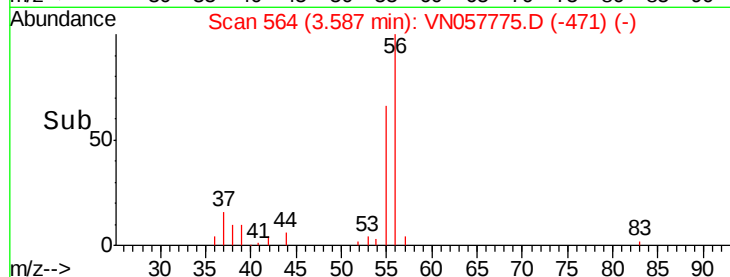
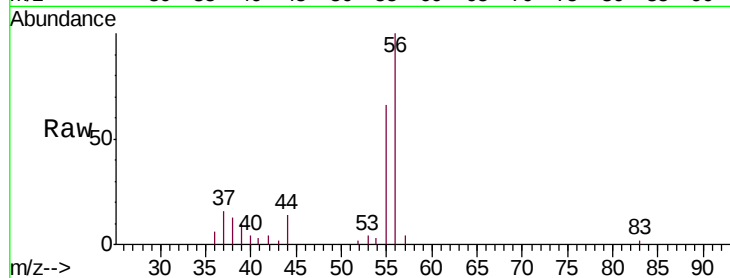




#13
Acrolein
Concen: 81.550 ug/l
RT: 3.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

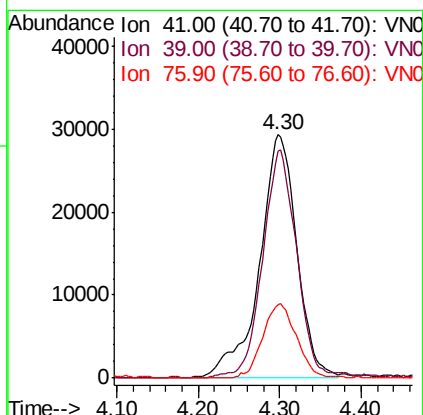
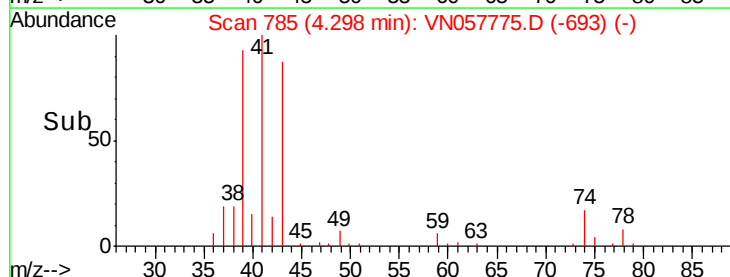
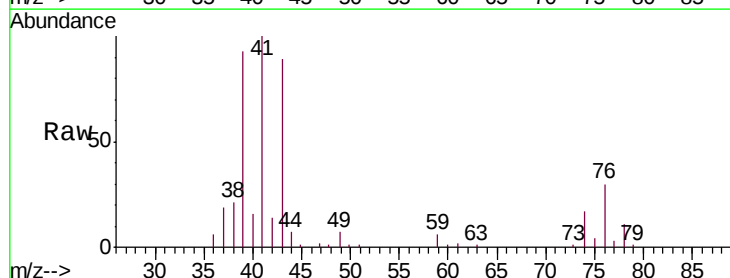
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

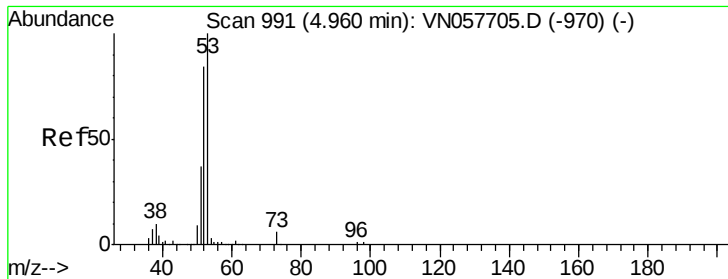
Tgt Ion: 56 Resp: 21828
Ion Ratio Lower Upper
56 100
55 64.4 55.4 83.0



#14
Allyl chloride
Concen: 16.284 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion: 41 Resp: 93907
Ion Ratio Lower Upper
41 100
39 84.6 67.5 101.3
76 27.8 21.4 32.2





#15

Acrylonitrile

Concen: 98.290 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

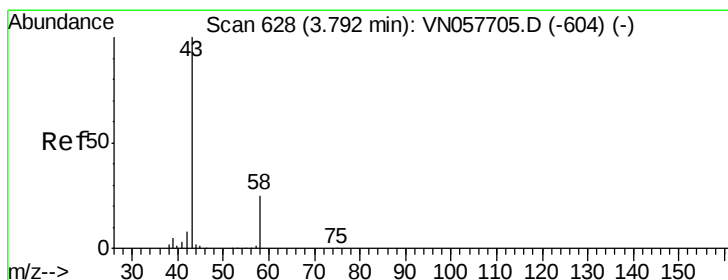
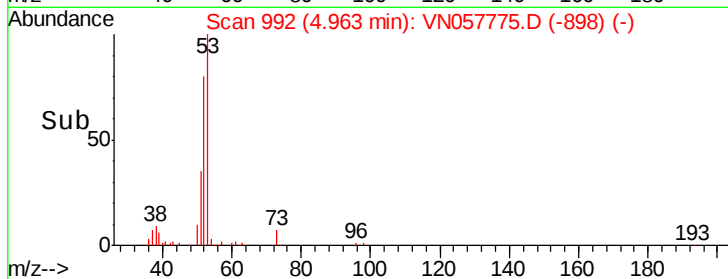
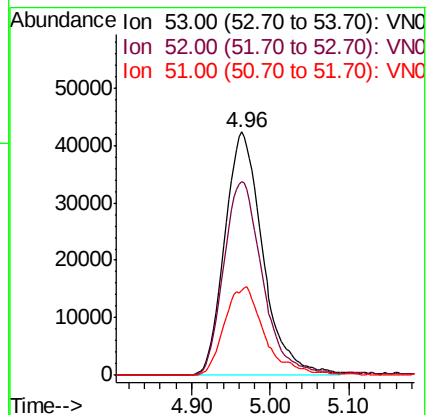
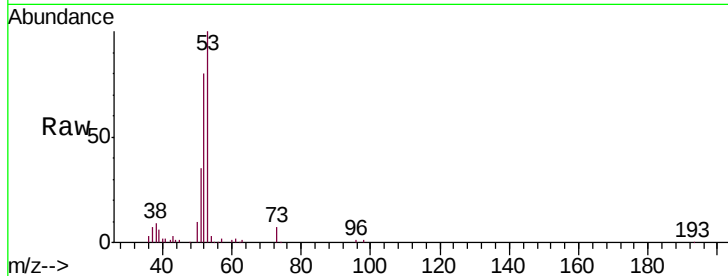
Tgt Ion: 53 Resp: 142226

Ion Ratio Lower Upper

53 100

52 80.6 68.1 102.1

51 37.8 30.4 45.6



#16

Acetone

Concen: 91.032 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057775.D

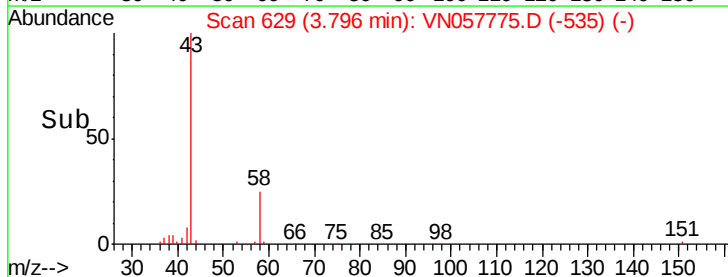
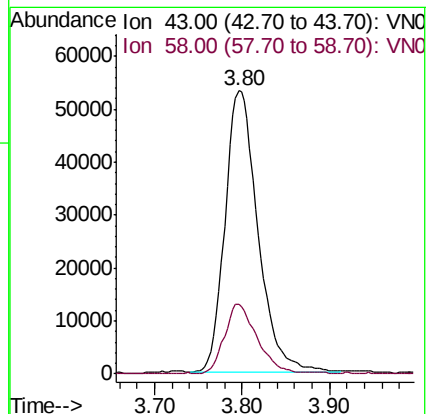
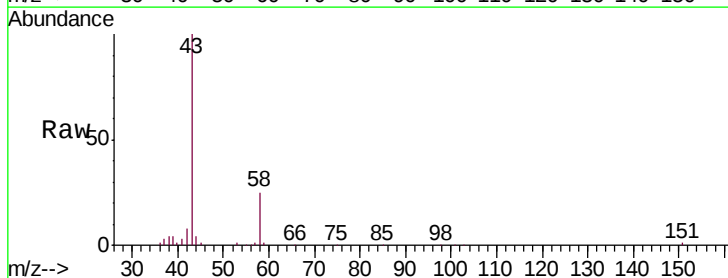
Acq: 8 Sep 2019 00:17

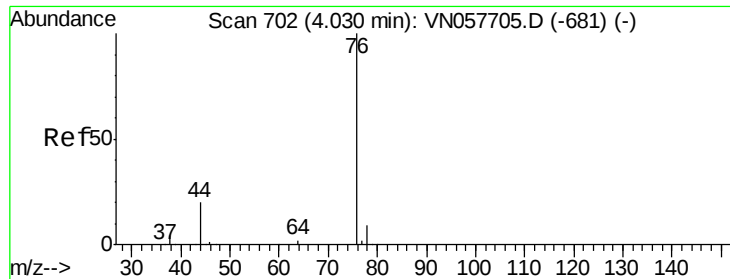
Tgt Ion: 43 Resp: 138771

Ion Ratio Lower Upper

43 100

58 24.9 19.8 29.8

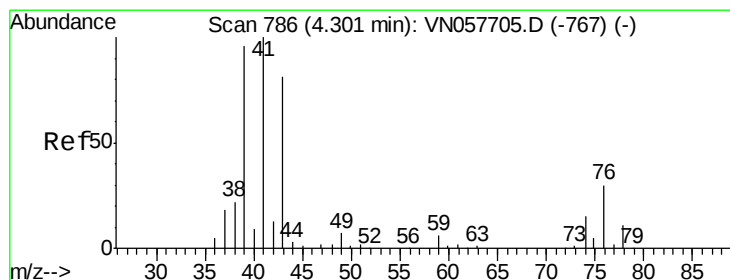
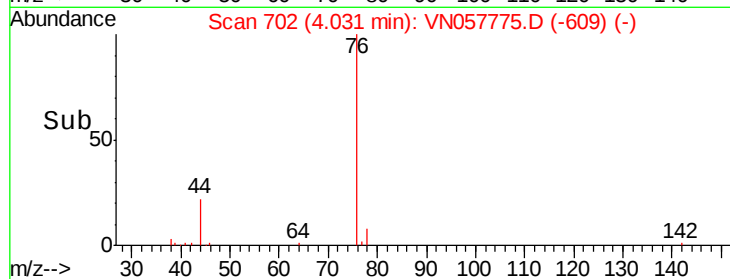
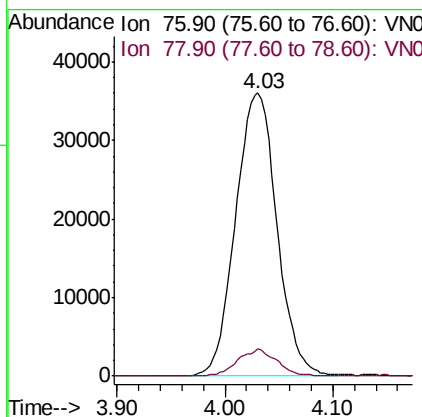
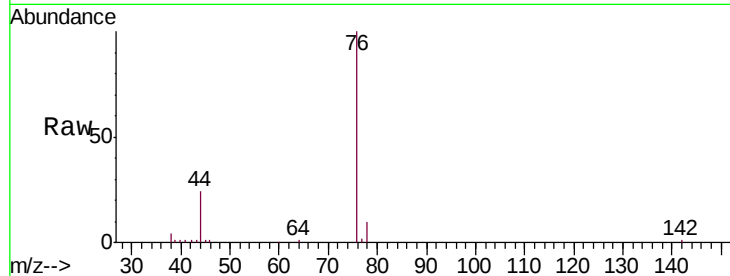




#17
Carbon Disulfide
Concen: 16.793 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

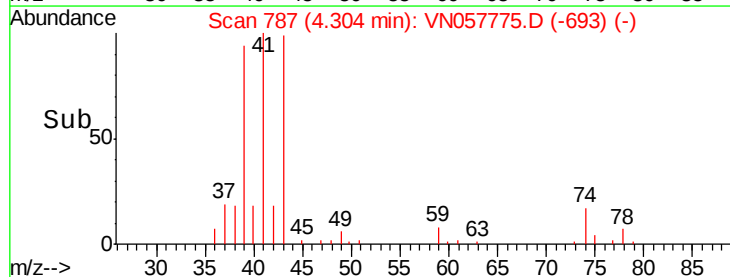
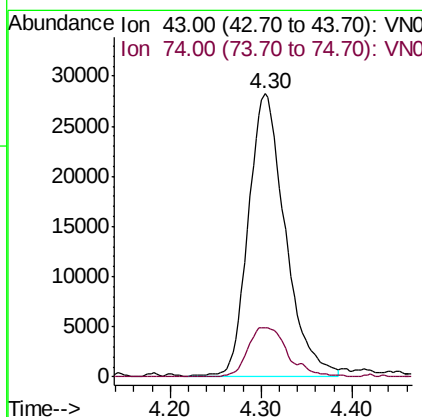
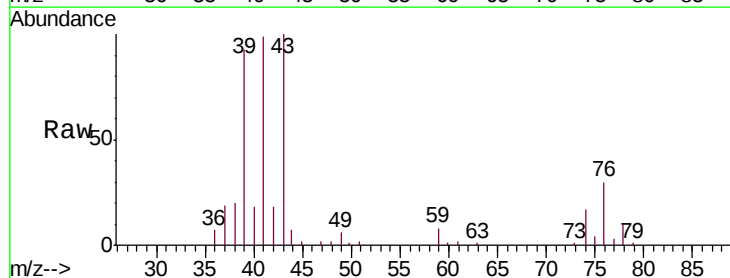
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

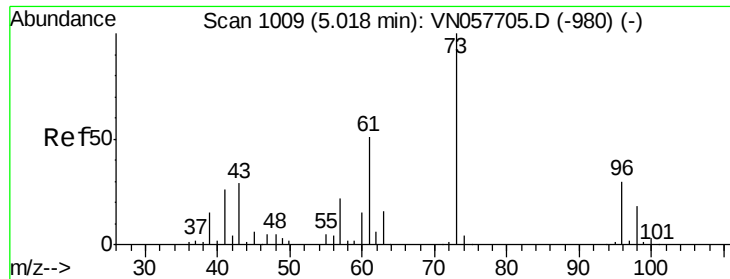
Tgt Ion: 76 Resp: 96016
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6



#18
Methyl Acetate
Concen: 19.212 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion: 43 Resp: 79645
Ion Ratio Lower Upper
43 100
74 18.8 15.3 22.9

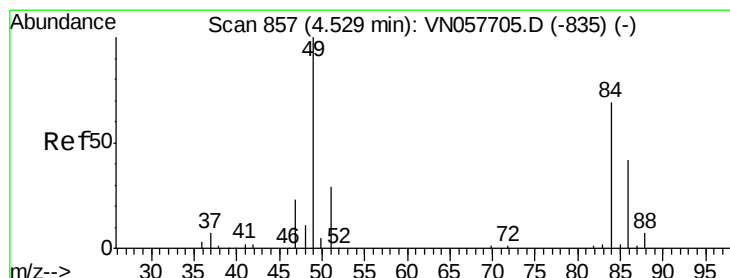
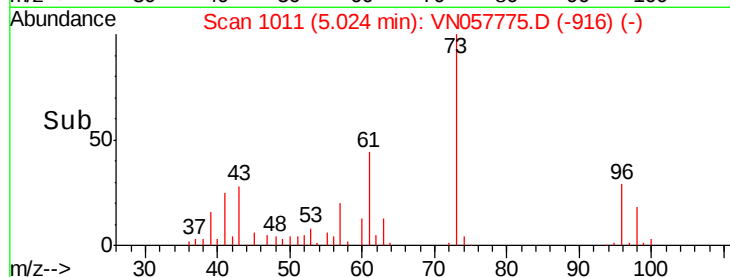
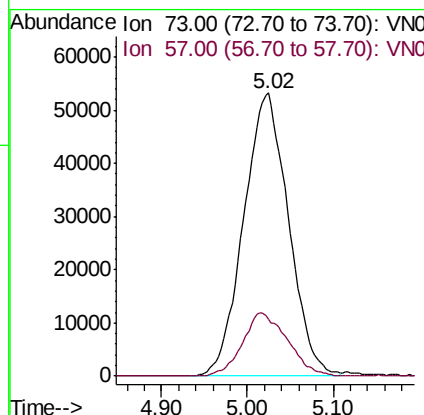
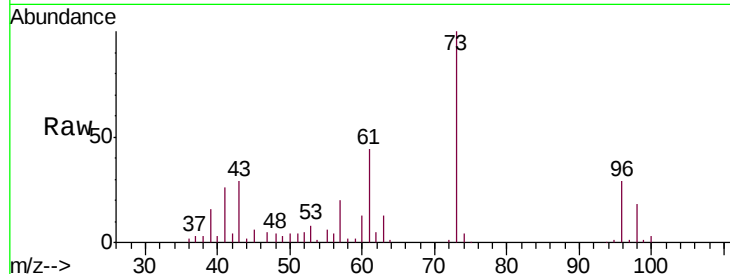




#19
Methyl tert-butyl Ether
Concen: 18.211 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

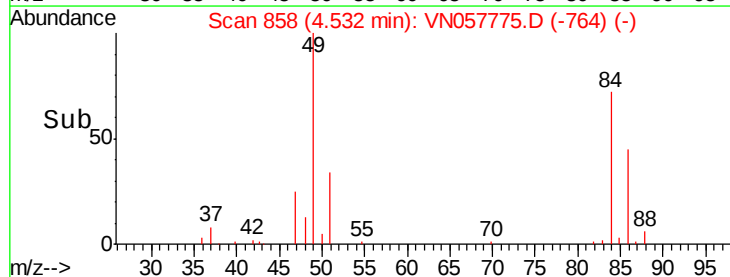
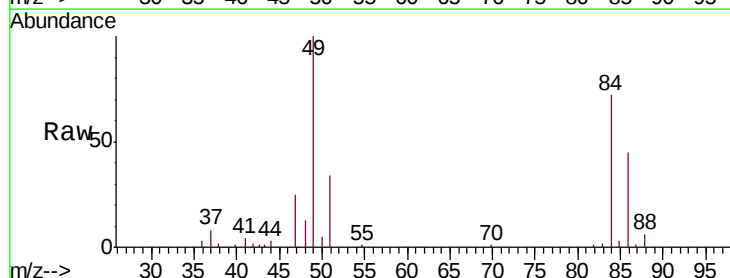
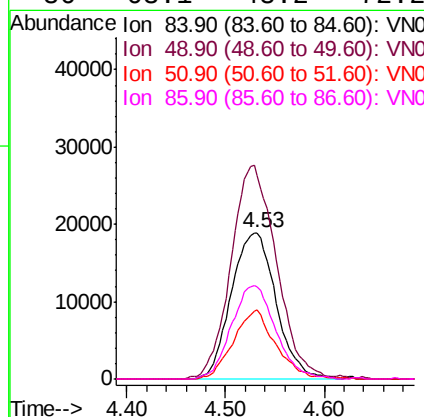
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

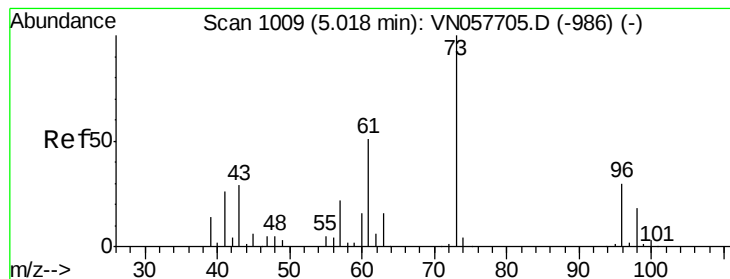
Tgt Ion: 73 Resp: 192945
Ion Ratio Lower Upper
73 100
57 19.9 17.7 26.5



#20
Methylene Chloride
Concen: 18.075 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion: 84 Resp: 59576
Ion Ratio Lower Upper
84 100
49 137.9 115.0 172.6
51 47.0 33.8 50.8
86 63.1 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 18.889 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

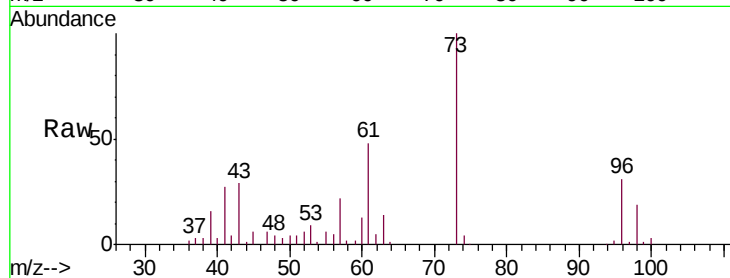
Tgt Ion: 96 Resp: 50160

Ion Ratio Lower Upper

96 100

61 153.0 135.8 203.8

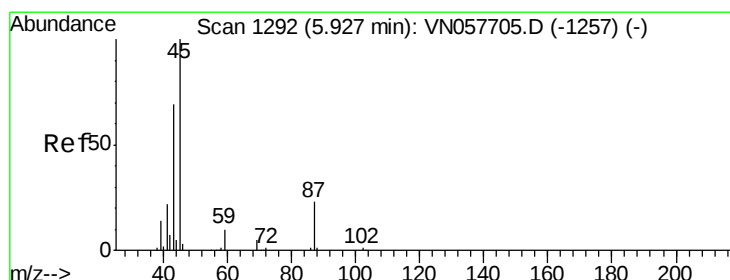
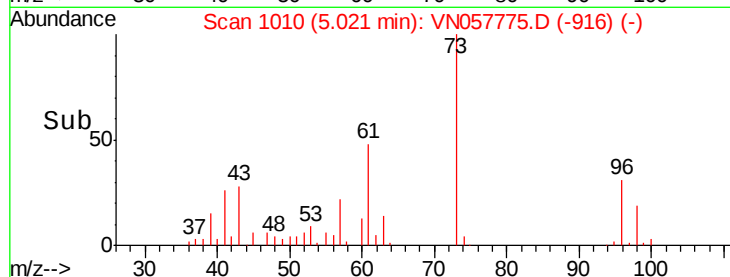
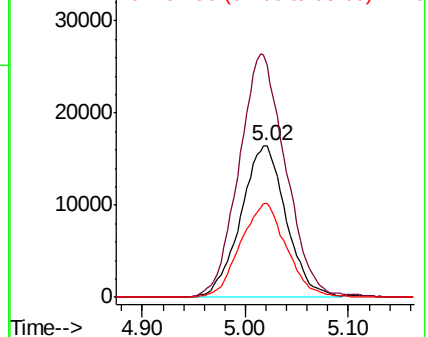
98 61.7 49.0 73.6



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: 18.327 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Tgt Ion: 45 Resp: 223573

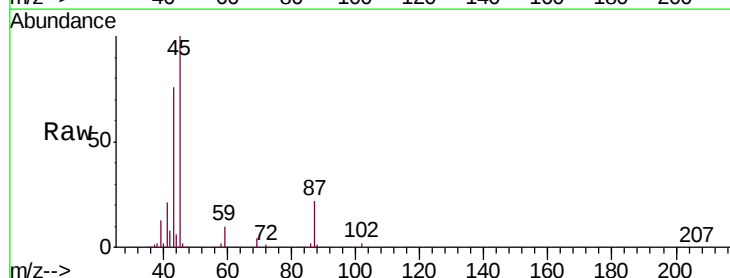
Ion Ratio Lower Upper

45 100

43 73.0 55.5 83.3

87 21.5 18.6 28.0

59 9.8 7.9 11.9

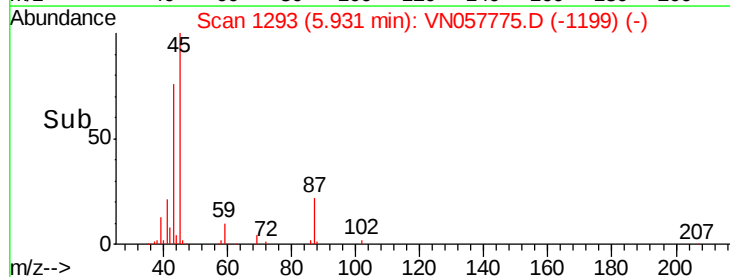
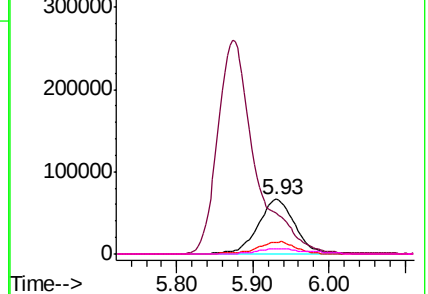


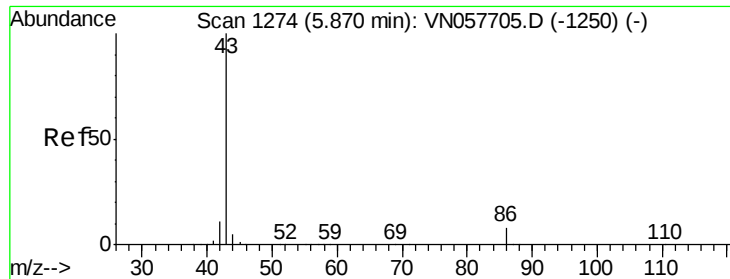
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

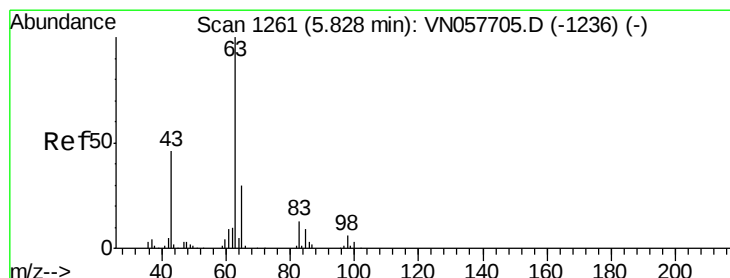
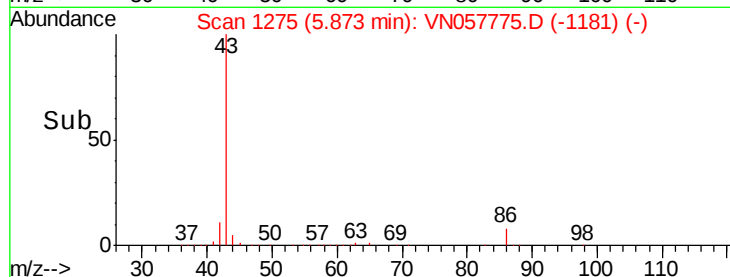
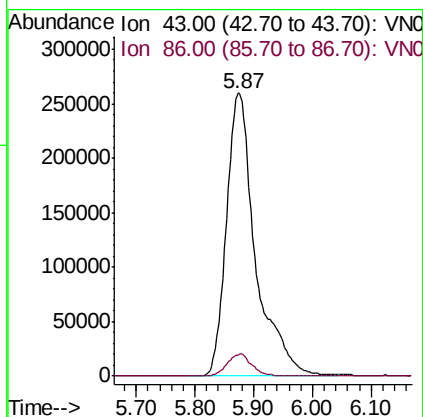
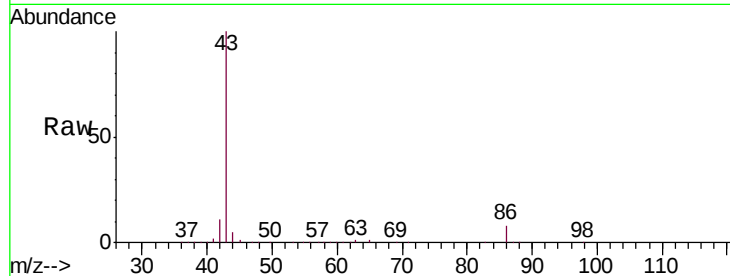




#23
 Vinyl Acetate
 Concen: 90.806 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

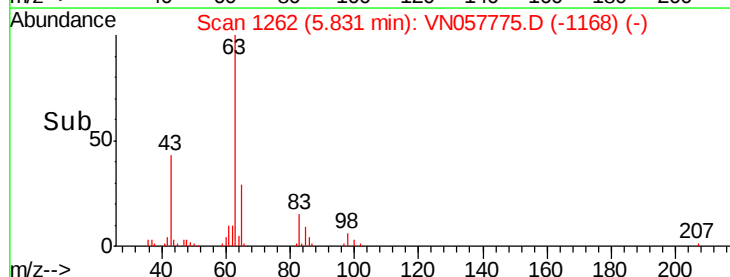
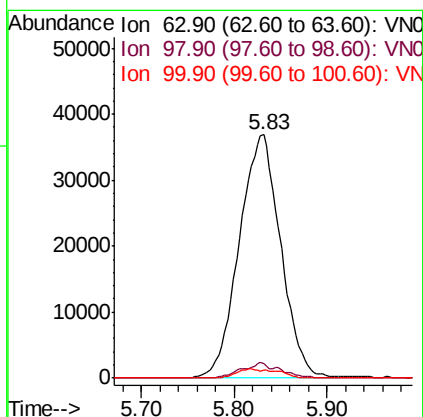
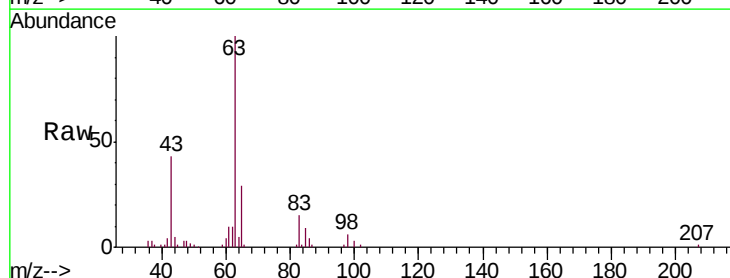
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS02

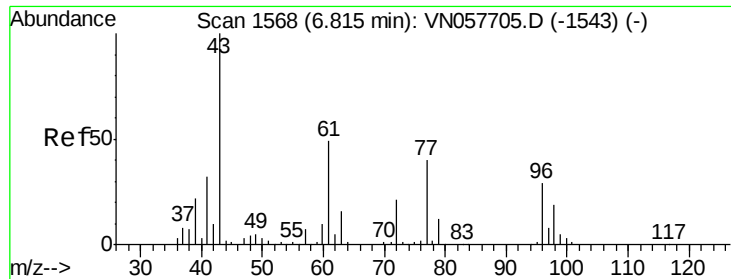
Tgt Ion: 43 Resp: 896642
 Ion Ratio Lower Upper
 43 100
 86 7.6 6.2 9.4



#24
 1,1-Dichloroethane
 Concen: 18.256 ug/l
 RT: 5.83 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Tgt Ion: 63 Resp: 114197
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.1 1.7 5.0





#25

2-Butanone

Concen: 96.579 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

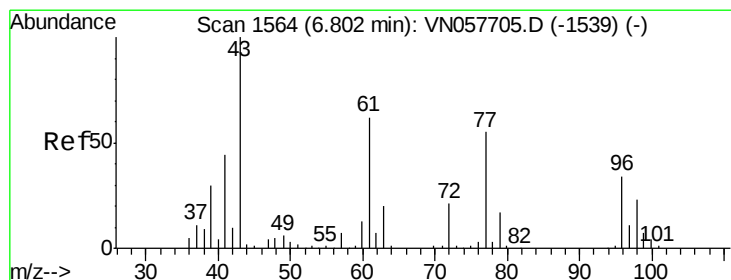
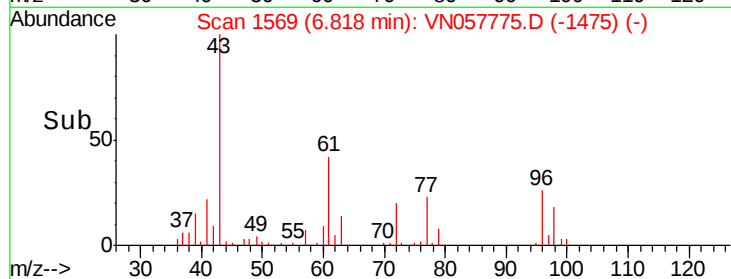
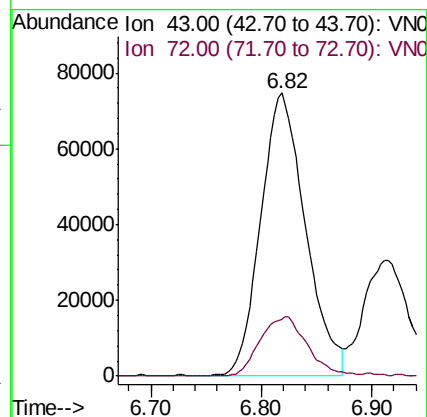
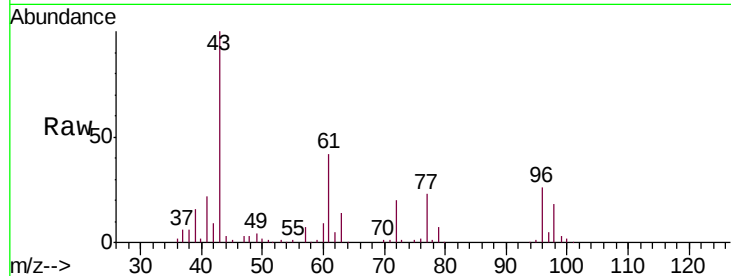
VN0907WBS02

Tgt Ion: 43 Resp: 210840

Ion Ratio Lower Upper

43 100

72 20.2 17.0 25.6



#26

2,2-Dichloropropane

Concen: 12.977 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057775.D

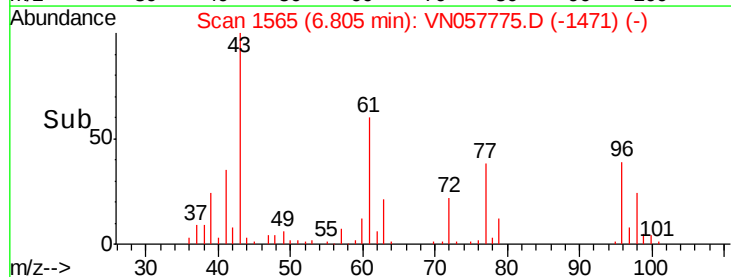
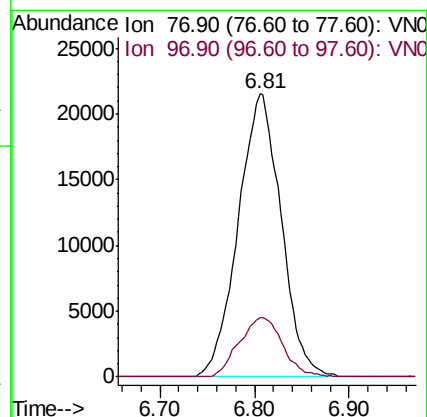
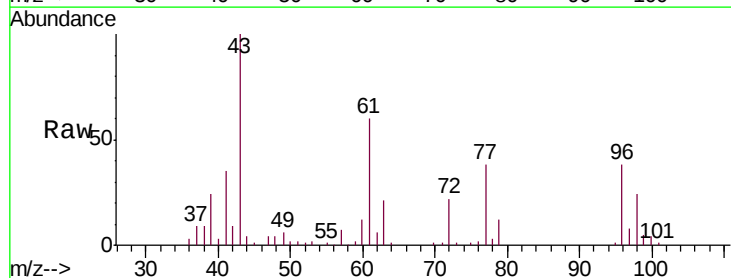
Acq: 8 Sep 2019 00:17

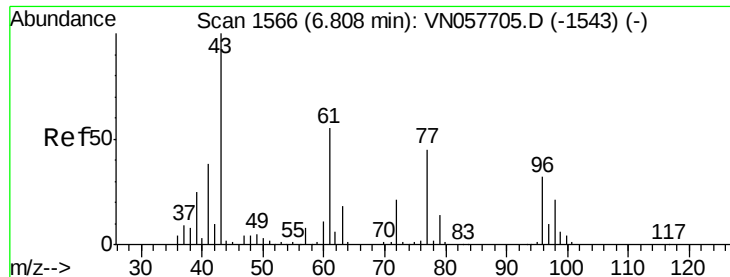
Tgt Ion: 77 Resp: 67717

Ion Ratio Lower Upper

77 100

97 21.3 10.1 30.1





#27

cis-1,2-Dichloroethene

Concen: 19.084 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

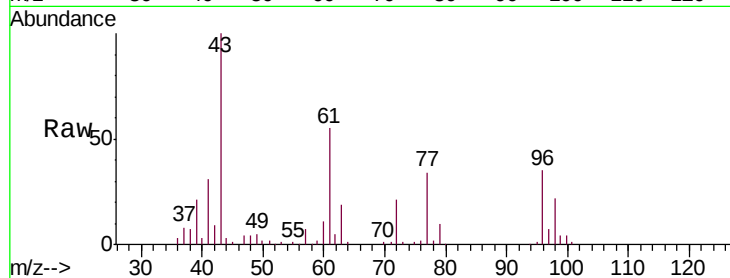
Tgt Ion: 96 Resp: 63610

Ion Ratio Lower Upper

96 100

61 162.3 0.0 360.6

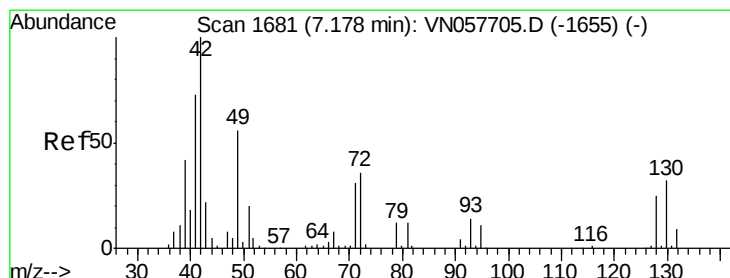
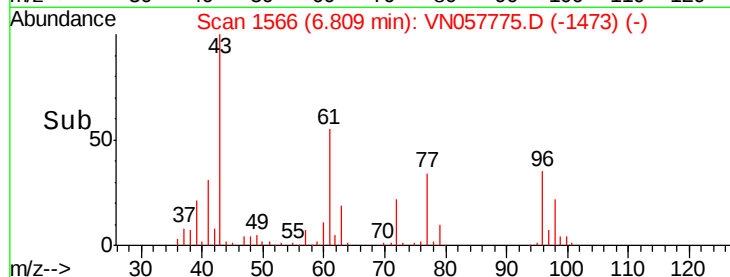
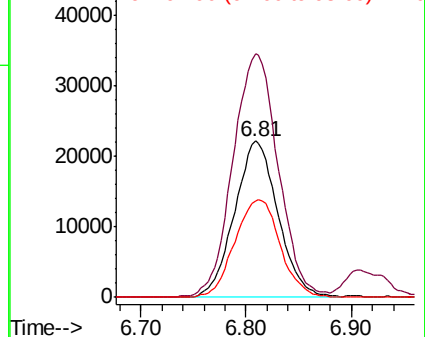
98 65.0 0.0 130.6



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: 19.023 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

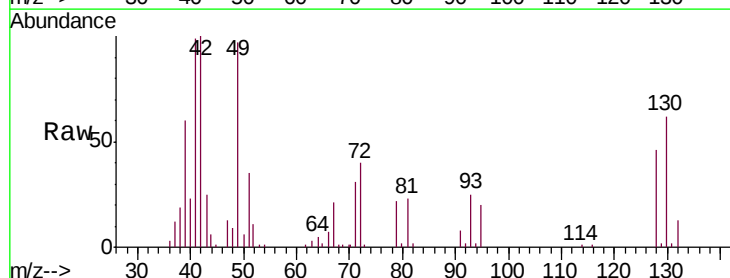
Tgt Ion: 49 Resp: 62261

Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.4

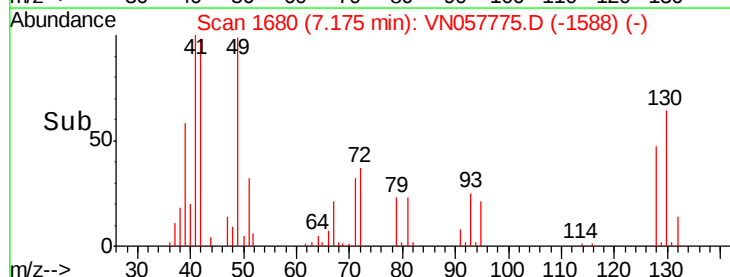
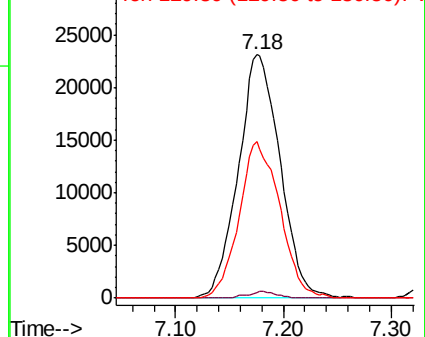
130 62.7 45.8 68.8

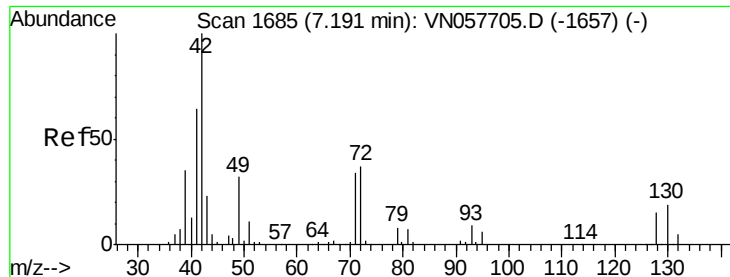


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.765 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.01 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

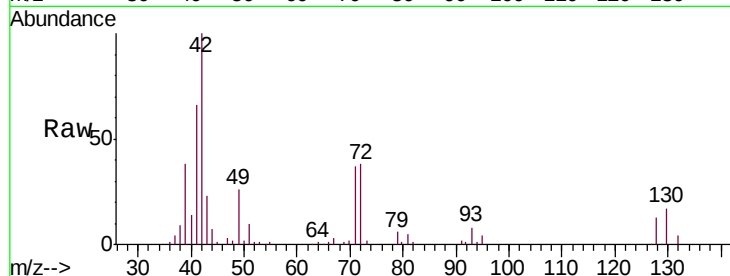
Tgt Ion: 42 Resp: 136233

Ion Ratio Lower Upper

42 100

72 36.0 29.2 43.8

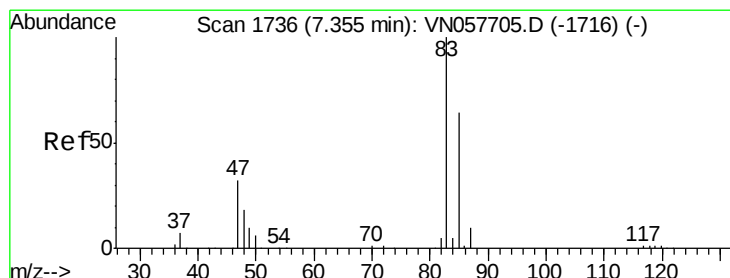
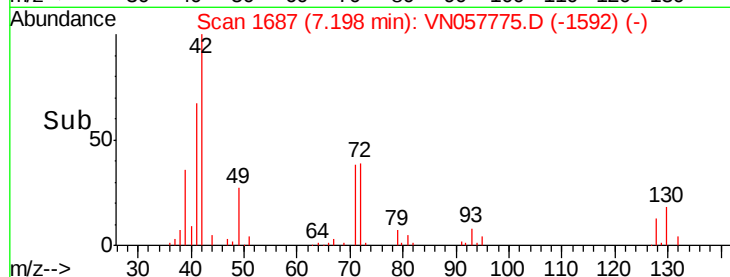
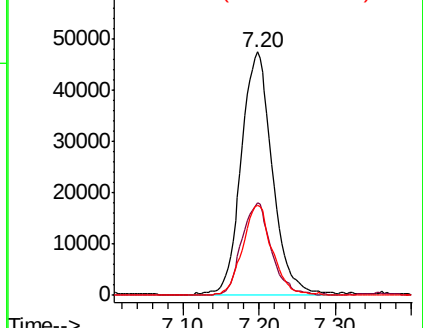
71 34.8 27.0 40.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.500 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057775.D

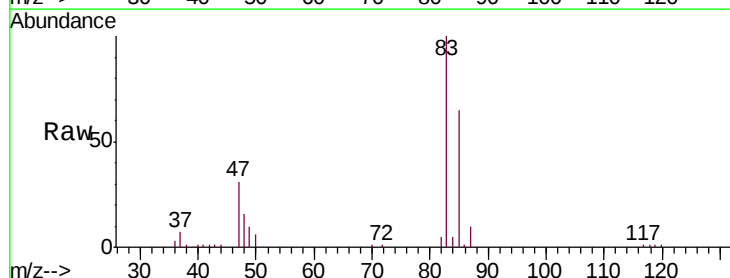
Acq: 8 Sep 2019 00:17

Tgt Ion: 83 Resp: 120584

Ion Ratio Lower Upper

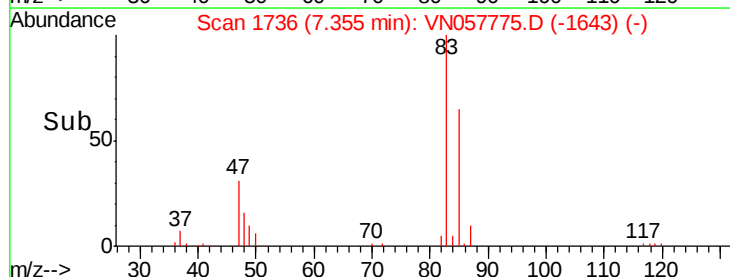
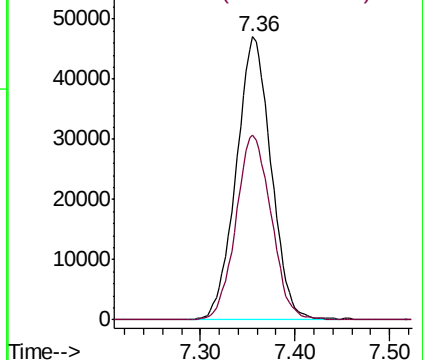
83 100

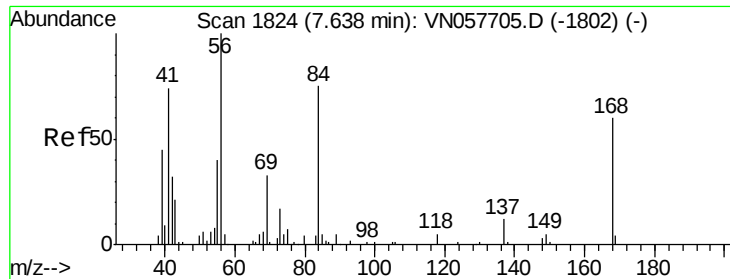
85 65.5 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

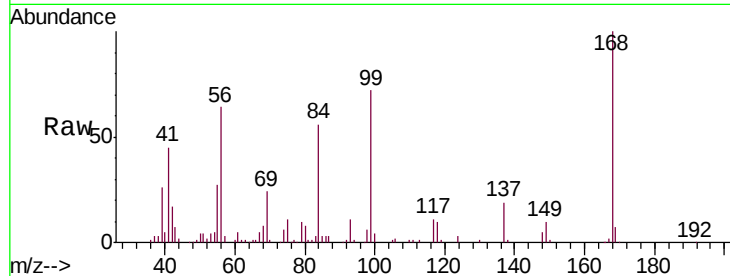




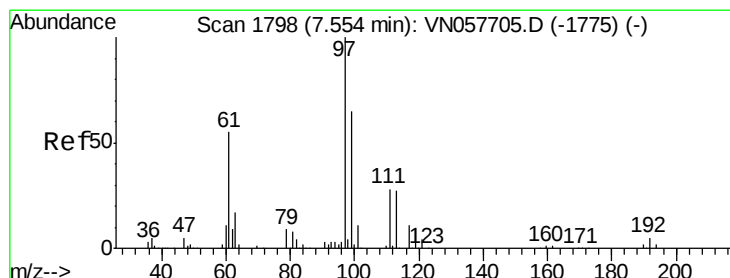
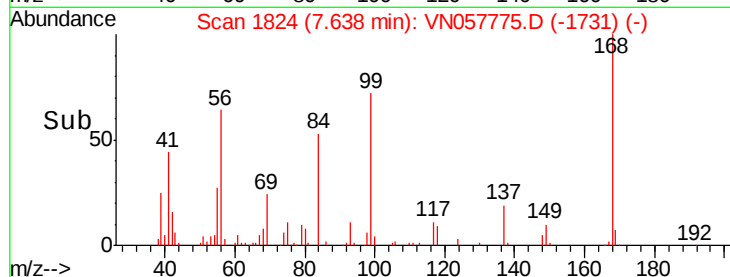
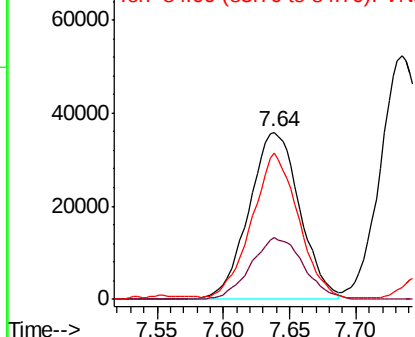
#31
Cyclohexane
Concen: 17.262 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

Tgt Ion: 56 Resp: 95977
Ion Ratio Lower Upper
56 100
69 37.1 26.2 39.2
84 86.1 59.8 89.8

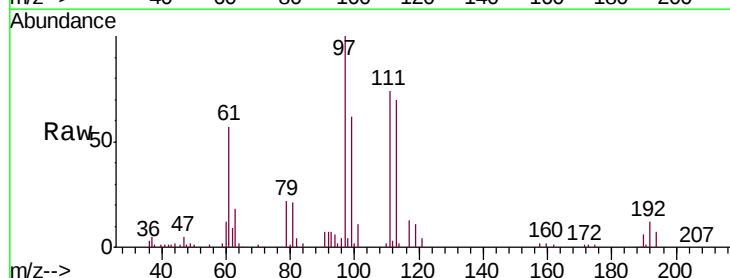


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

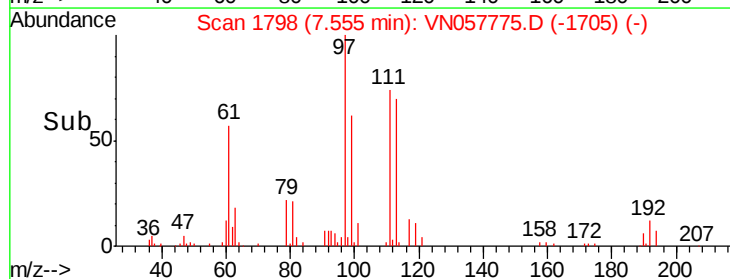
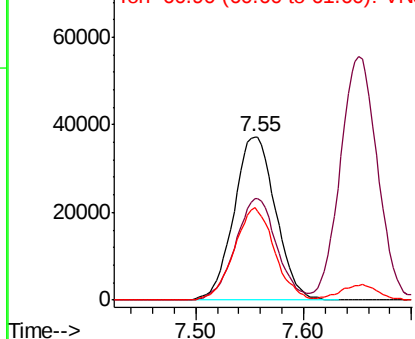


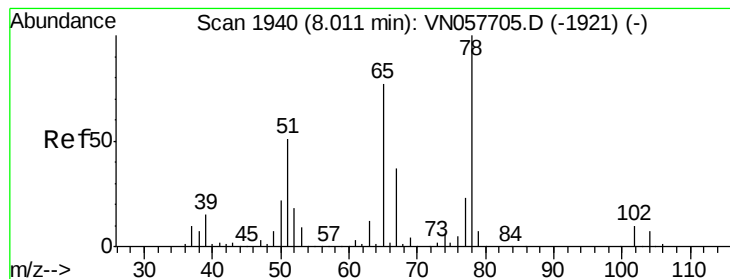
#32
1,1,1-Trichloroethane
Concen: 18.499 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion: 97 Resp: 100436
Ion Ratio Lower Upper
97 100
99 61.9 51.2 76.8
61 54.6 42.8 64.2



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC





#33

1,2-Dichloroethane-d4

Concen: 48.621 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

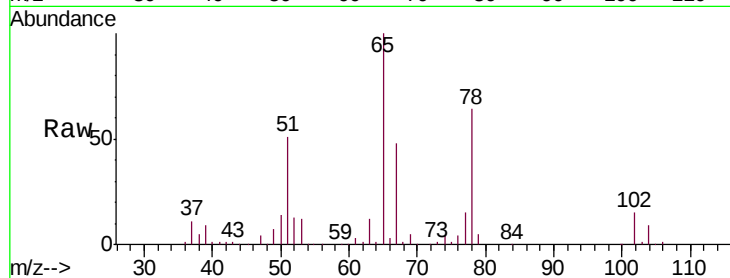
VN0907WBS02

Tgt Ion: 65 Resp: 240850

Ion Ratio Lower Upper

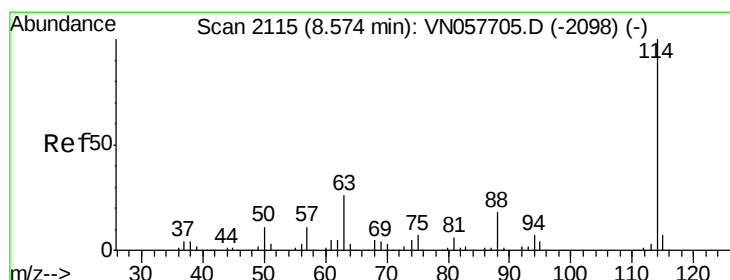
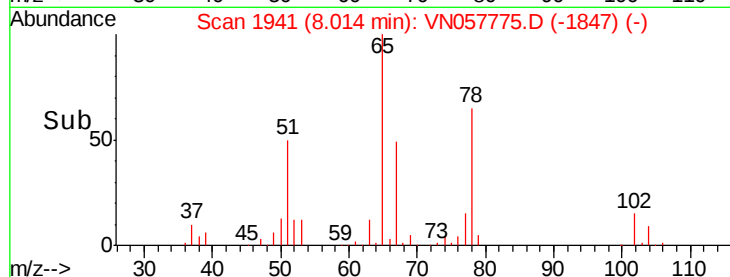
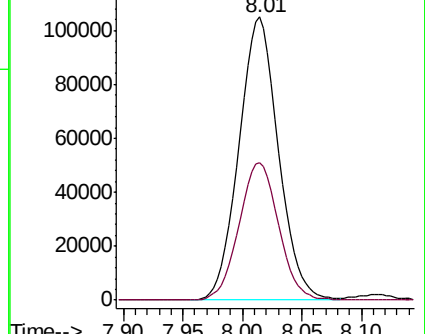
65 100

67 49.0 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VN057705.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057705.D (-1921) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

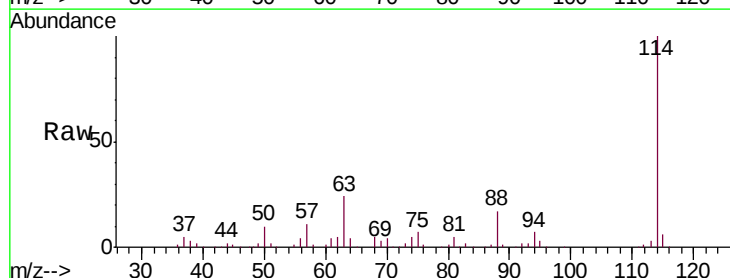
Tgt Ion: 114 Resp: 318166

Ion Ratio Lower Upper

114 100

63 24.3 0.0 52.4

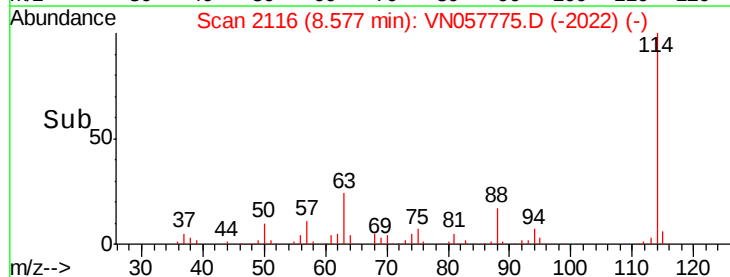
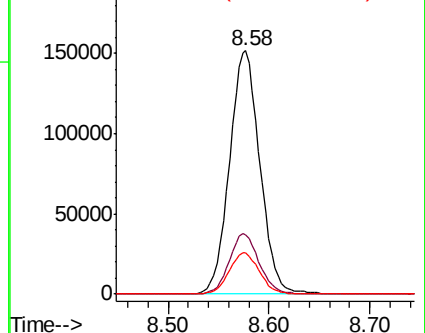
88 16.8 0.0 35.4

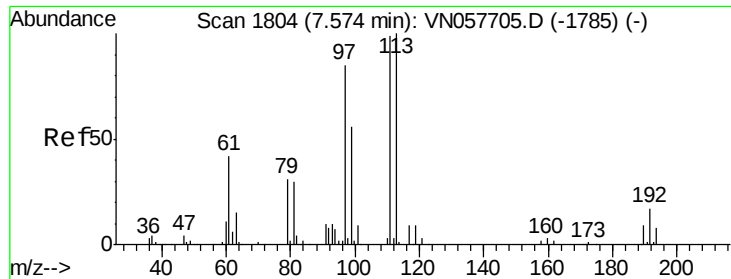


Abundance Ion 113.90 (113.60 to 114.60): VN057705.D (-2098) (-)

Ion 63.00 (62.70 to 63.70): VN057705.D (-2098) (-)

Ion 87.90 (87.60 to 88.60): VN057705.D (-2098) (-)





#35

Dibromofluoromethane

Concen: 53.419 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

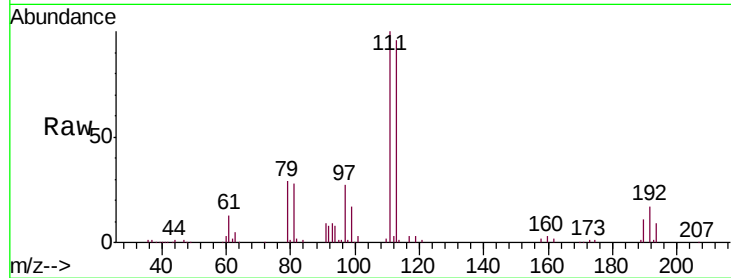
Tgt Ion:113 Resp: 154808

Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

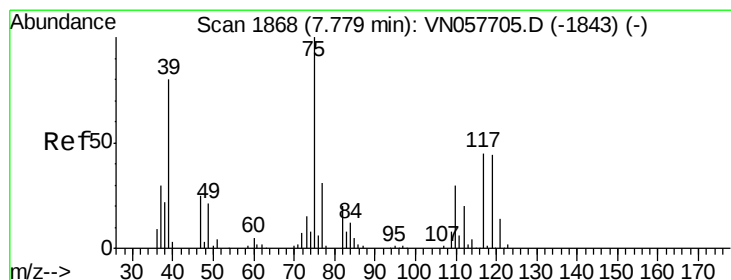
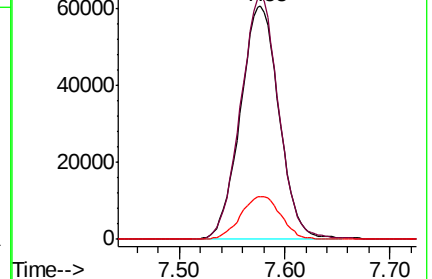
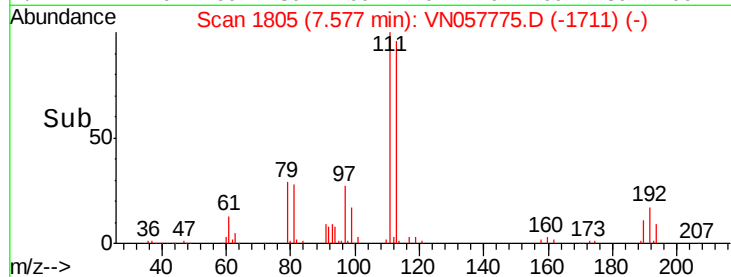
192 19.1 13.8 20.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.314 ug/l

RT: 7.78 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

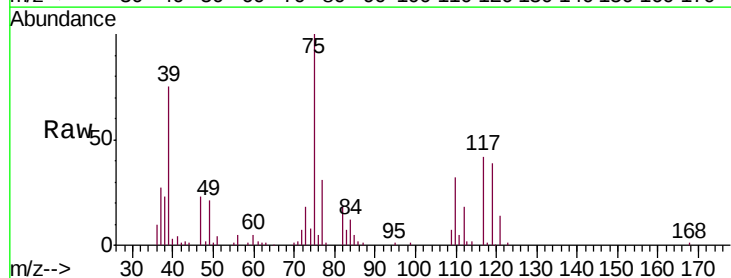
Tgt Ion: 75 Resp: 81749

Ion Ratio Lower Upper

75 100

110 31.6 15.0 45.0

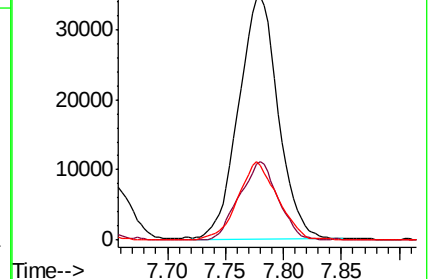
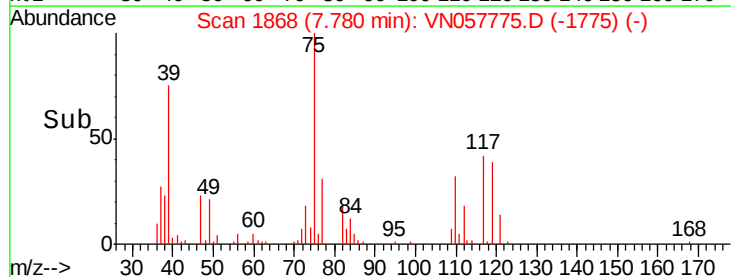
77 32.4 24.6 37.0

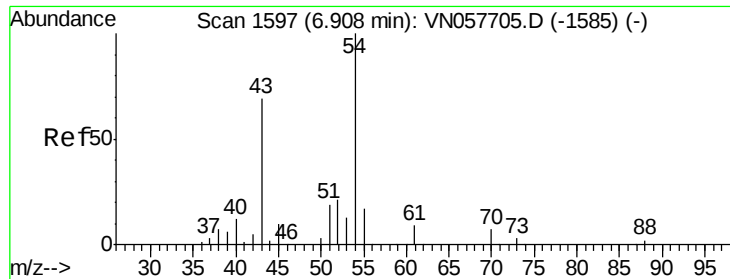


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

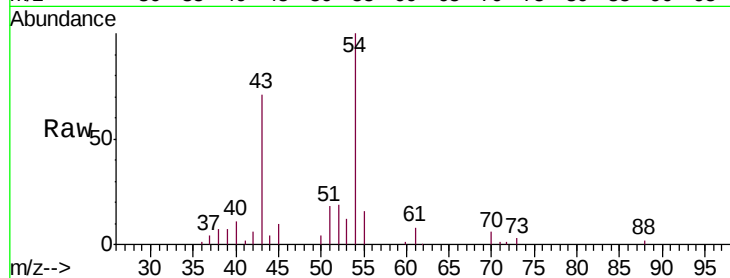




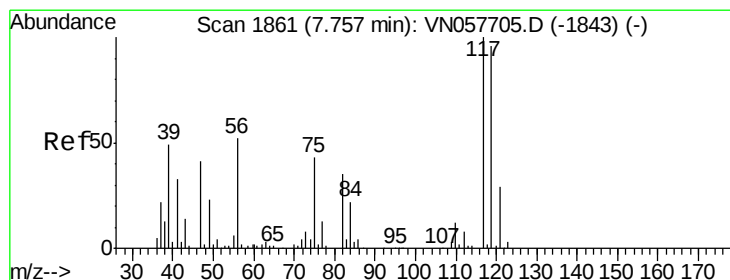
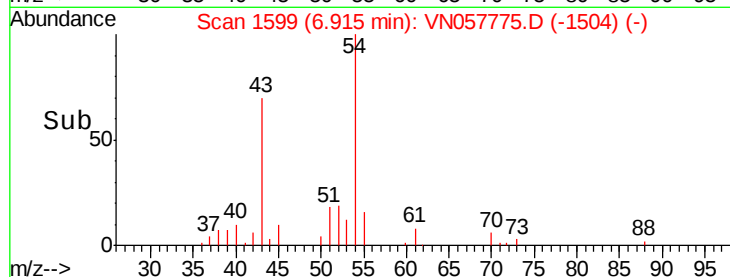
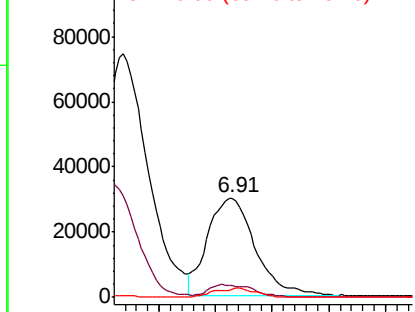
#37
Ethyl Acetate
Concen: 20.787 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

Tgt Ion: 43 Resp: 87350
Ion Ratio Lower Upper
43 100
61 12.5 9.8 14.8
70 8.1 6.7 10.1

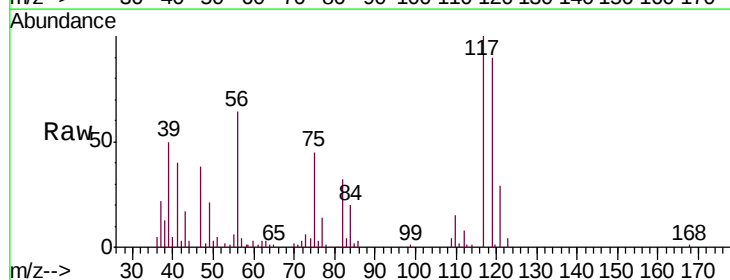


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

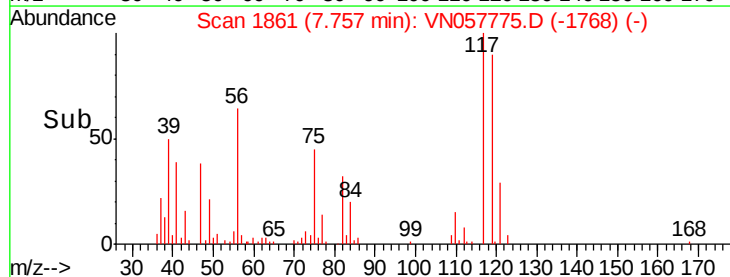
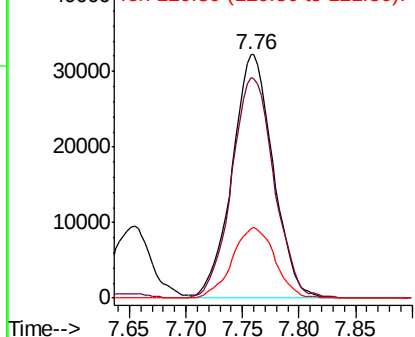


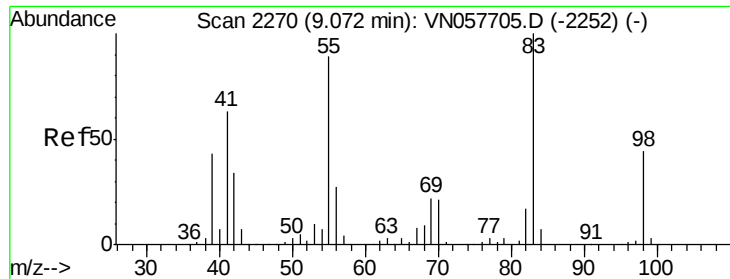
#38
Carbon Tetrachloride
Concen: 20.029 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion: 117 Resp: 81174
Ion Ratio Lower Upper
117 100
119 90.5 76.1 114.1
121 28.8 23.4 35.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

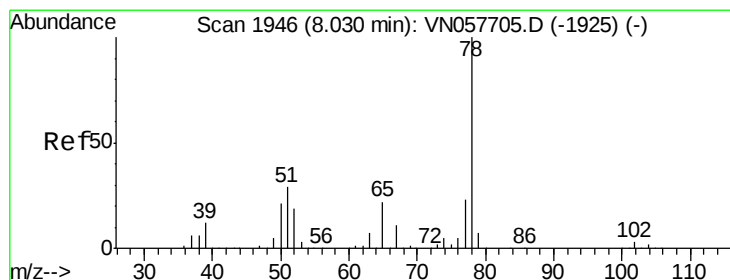
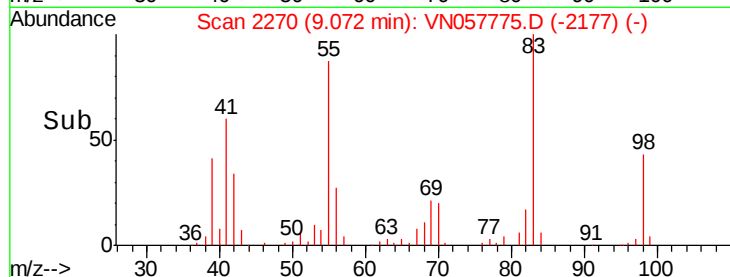
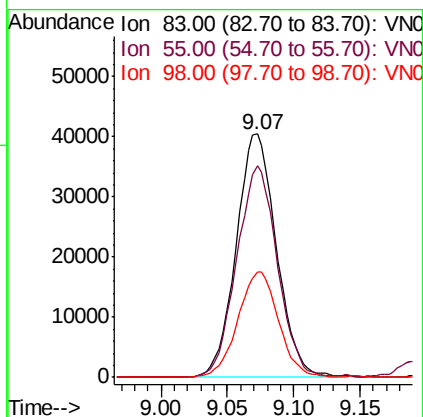
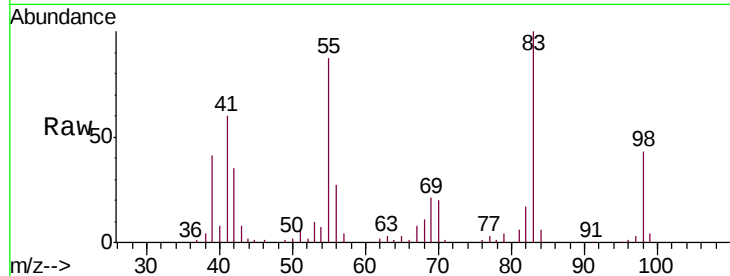




#39
Methylcyclohexane
Concen: 19.048 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

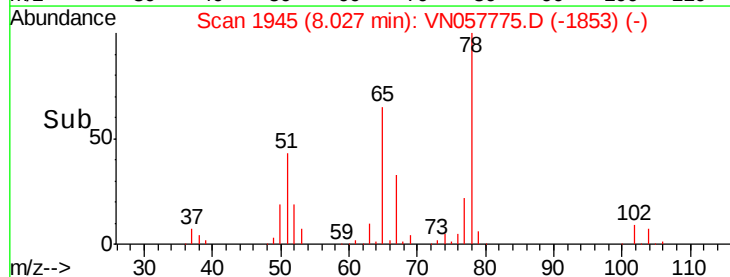
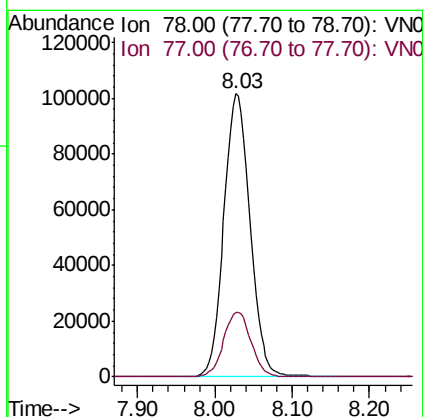
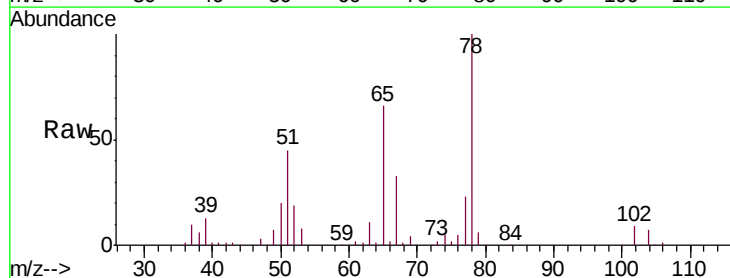
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

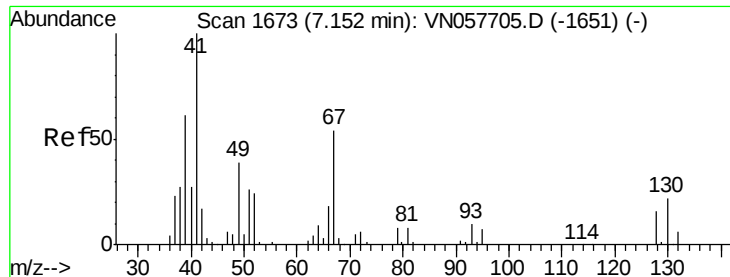
Tgt Ion: 83 Resp: 85279
Ion Ratio Lower Upper
83 100
55 86.9 71.4 107.0
98 43.0 35.3 52.9



#40
Benzene
Concen: 19.962 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion: 78 Resp: 238987
Ion Ratio Lower Upper
78 100
77 22.6 18.6 28.0

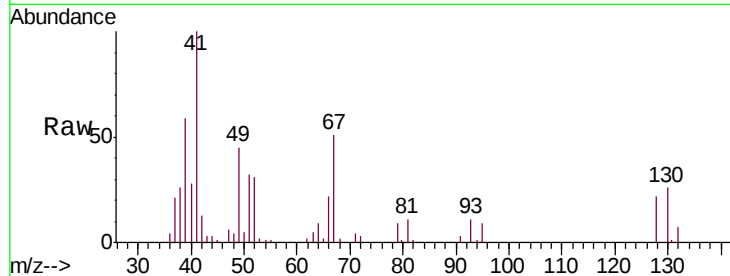




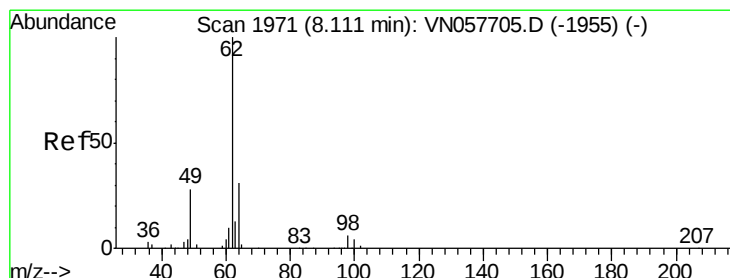
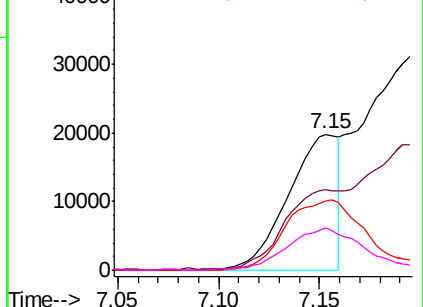
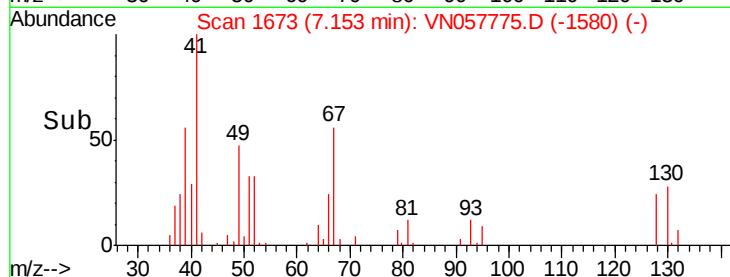
#41
Methacrylonitrile
Concen: 16.622 ug/l
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

Tgt Ion: 41 Resp: 34142
Ion Ratio Lower Upper
41 100
39 63.4 43.6 65.4
67 84.9 59.8 89.6
52 48.9 30.7 46.1#

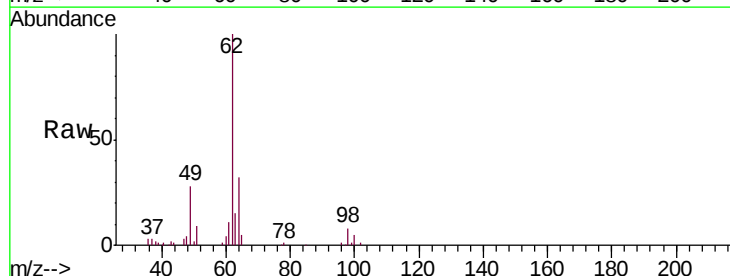


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

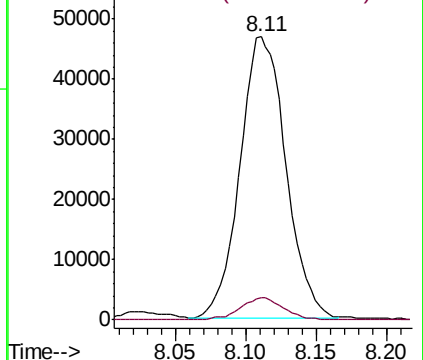
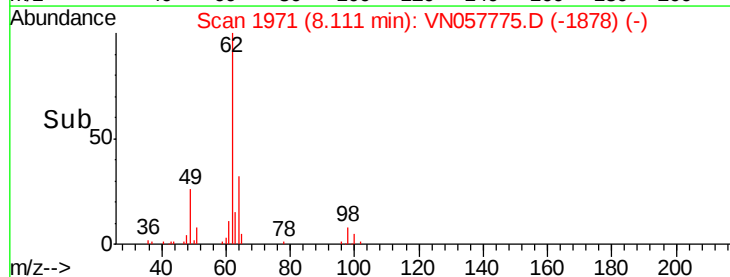


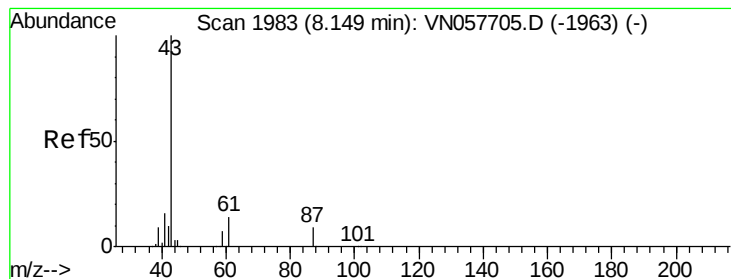
#42
1,2-Dichloroethane
Concen: 19.001 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion: 62 Resp: 106631
Ion Ratio Lower Upper
62 100
98 7.5 0.0 12.6



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 18.926 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

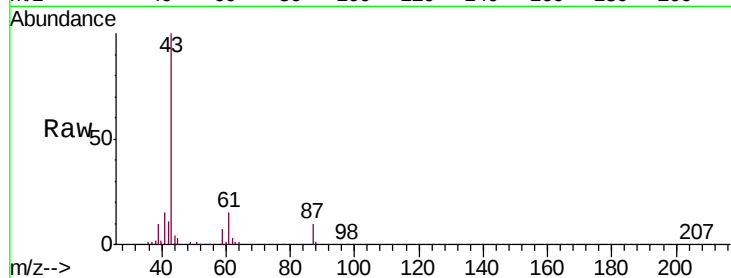
Tgt Ion: 43 Resp: 152652

Ion Ratio Lower Upper

43 100

61 15.0 12.8 19.2

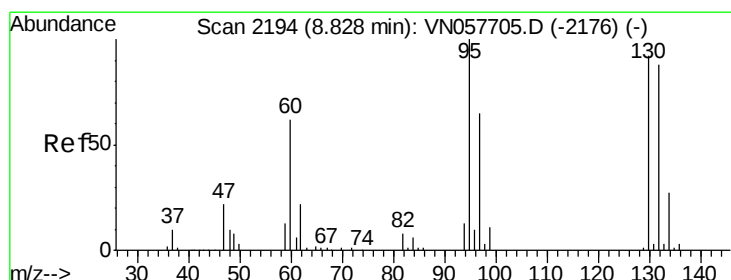
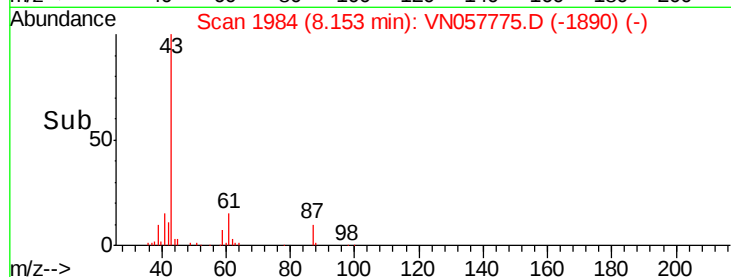
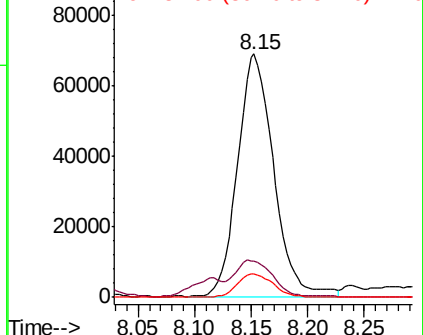
87 9.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057775.D (-1984) (-)

Ion 61.00 (60.70 to 61.70): VN057775.D (-1984) (-)

Ion 87.00 (86.70 to 87.70): VN057775.D (-1984) (-)



#44

Trichloroethene

Concen: 21.656 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057775.D

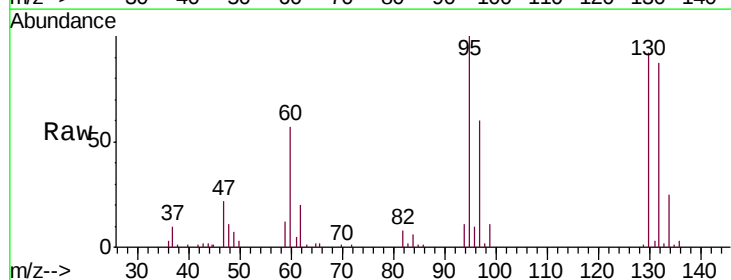
Acq: 8 Sep 2019 00:17

Tgt Ion: 130 Resp: 58272

Ion Ratio Lower Upper

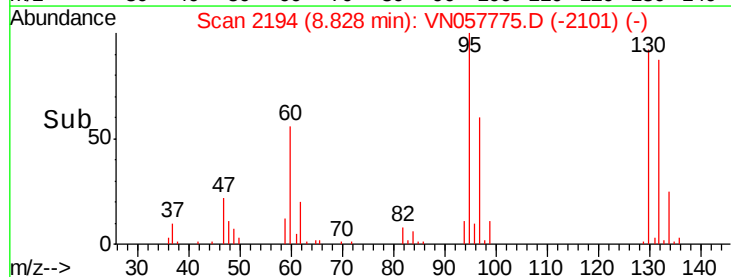
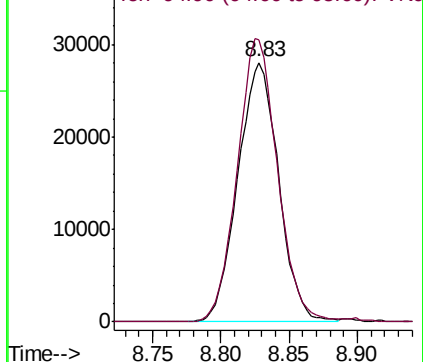
130 100

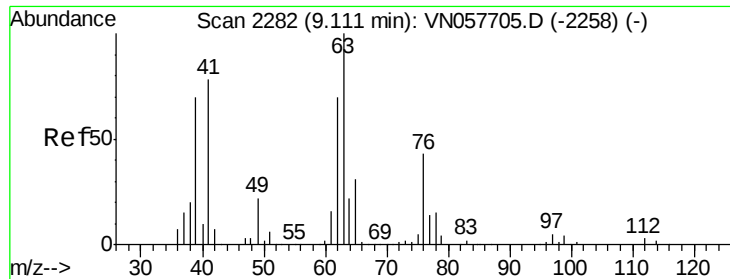
95 108.6 0.0 217.8



Abundance Ion 129.80 (129.50 to 130.50): VN057775.D (-2194) (-)

Ion 94.90 (94.60 to 95.60): VN057775.D (-2194) (-)

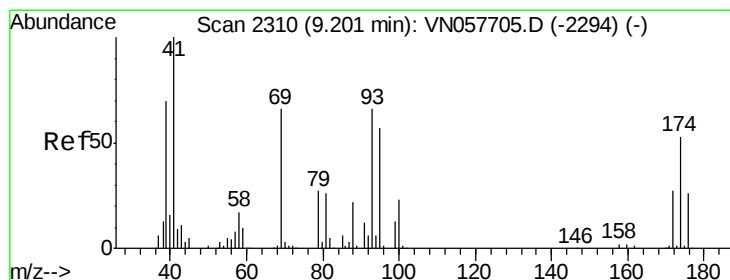
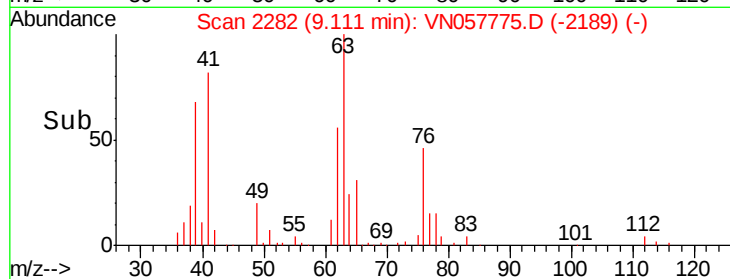
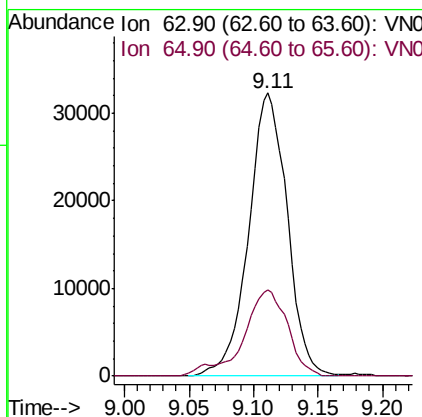
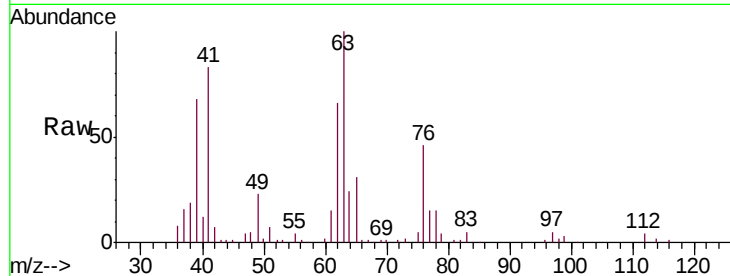




#45
 1,2-Dichloropropane
 Concen: 20.118 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

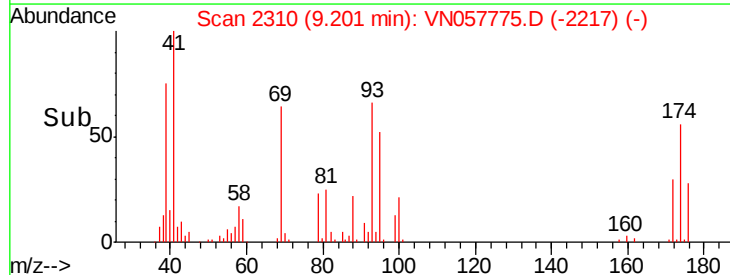
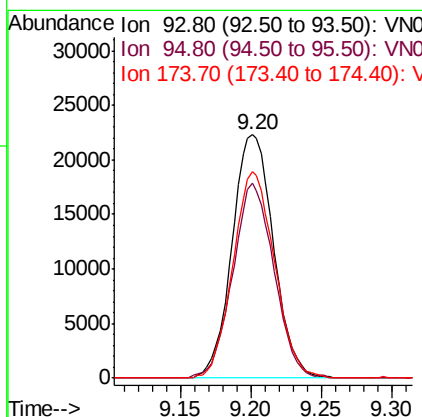
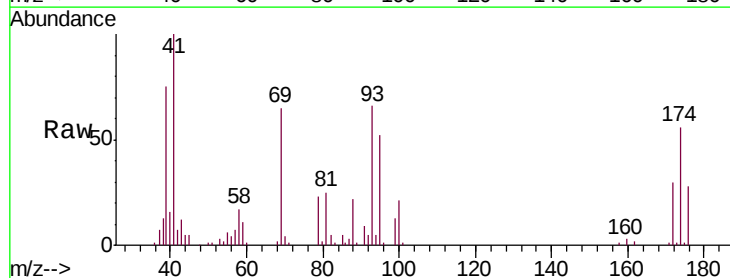
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS02

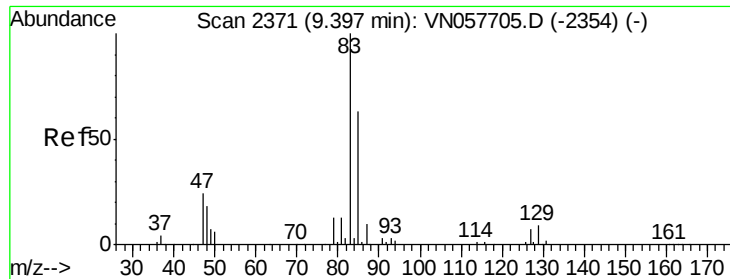
Tgt Ion: 63 Resp: 67361
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.5 36.7



#46
 Dibromomethane
 Concen: 21.333 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Tgt Ion: 93 Resp: 45819
 Ion Ratio Lower Upper
 93 100
 95 79.6 66.1 99.1
 174 85.3 63.4 95.2





#47

Bromodichloromethane

Concen: 19.108 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

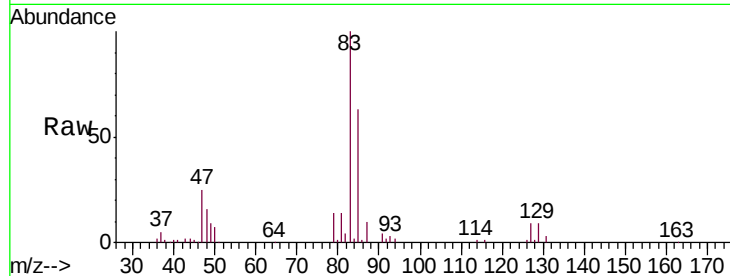
Tgt Ion: 83 Resp: 87222

Ion Ratio Lower Upper

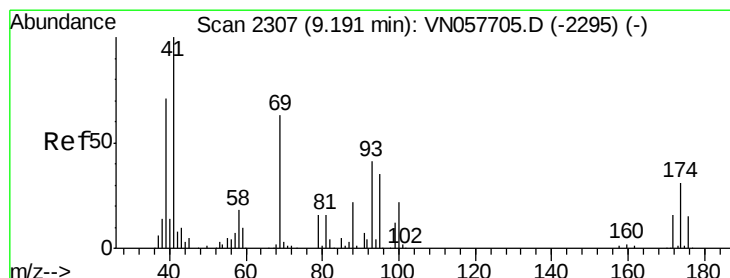
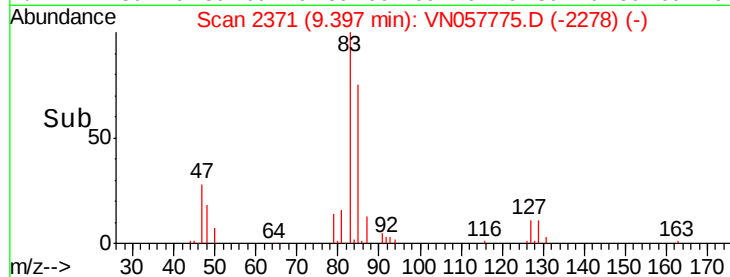
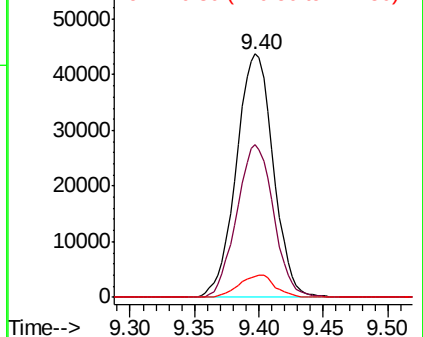
83 100

85 62.6 50.7 76.1

127 8.8 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: 18.667 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

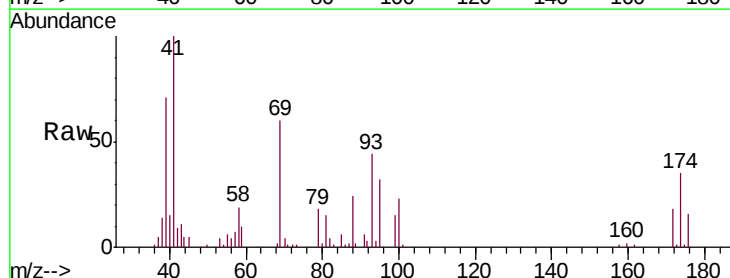
Tgt Ion: 41 Resp: 77434

Ion Ratio Lower Upper

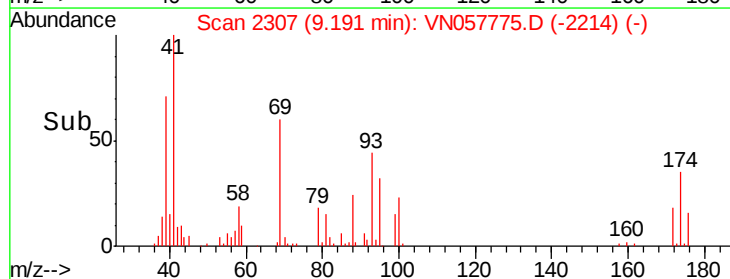
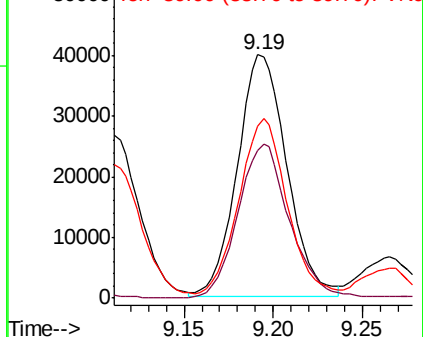
41 100

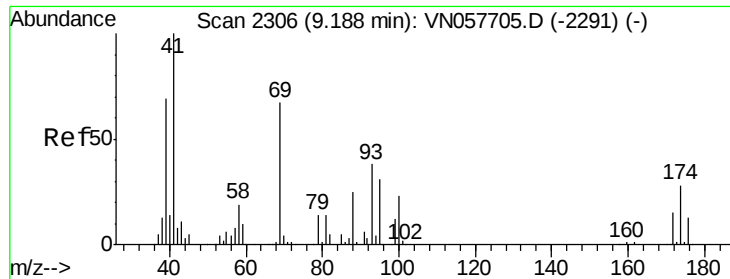
69 66.2 51.2 76.8

39 72.1 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

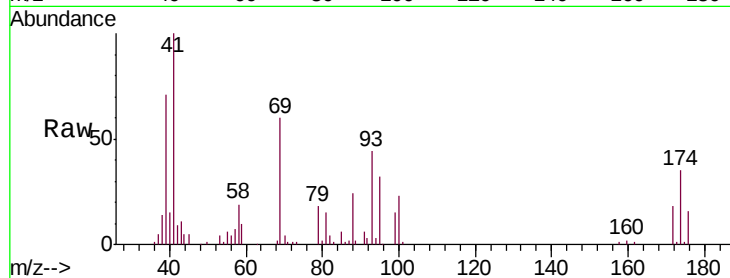




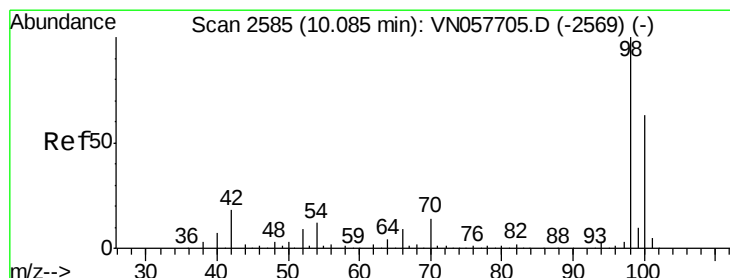
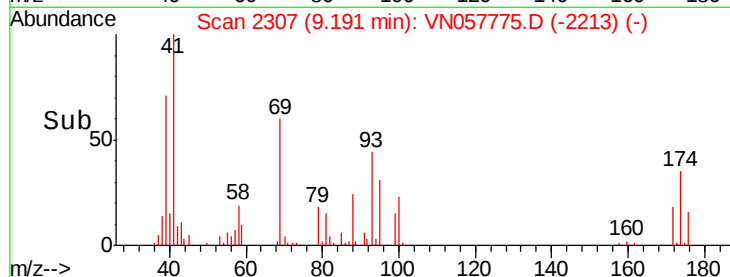
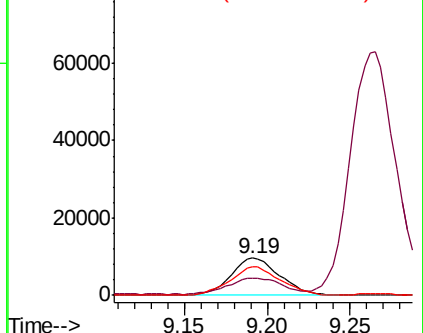
#49
 1,4-Dioxane
 Concen: 403.566 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS02

Tgt Ion: 88 Resp: 19478
 Ion Ratio Lower Upper
 88 100
 43 47.7 35.4 53.2
 58 79.4 61.5 92.3

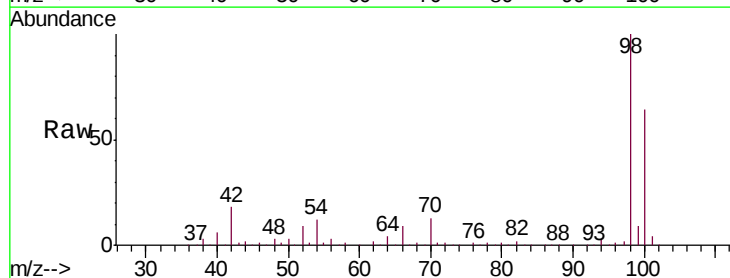


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

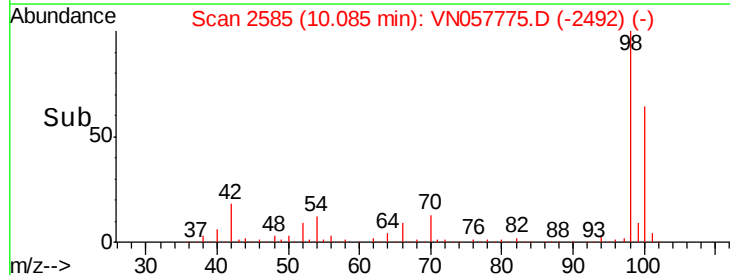
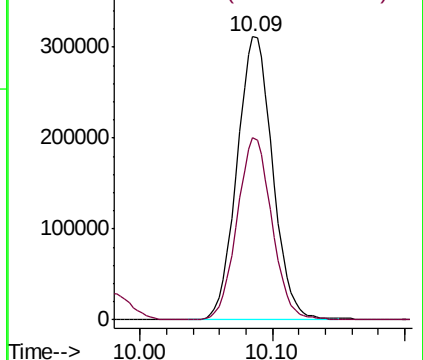


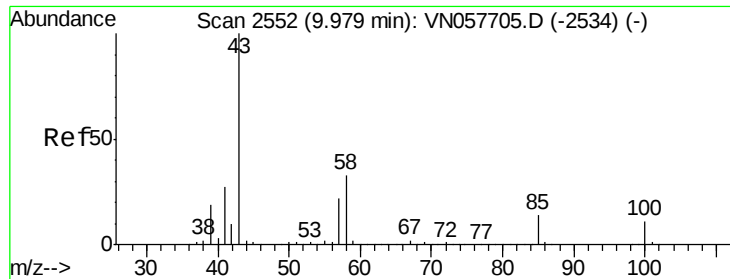
#50
 Toluene-d8
 Concen: 54.175 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Tgt Ion: 98 Resp: 580781
 Ion Ratio Lower Upper
 98 100
 100 63.0 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: 103.203 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

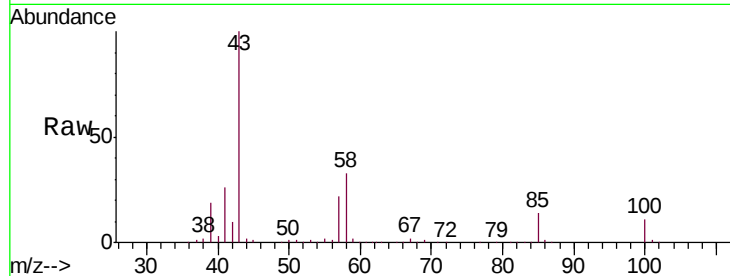
VN0907WBS02

Tgt Ion: 43 Resp: 462282

Ion Ratio Lower Upper

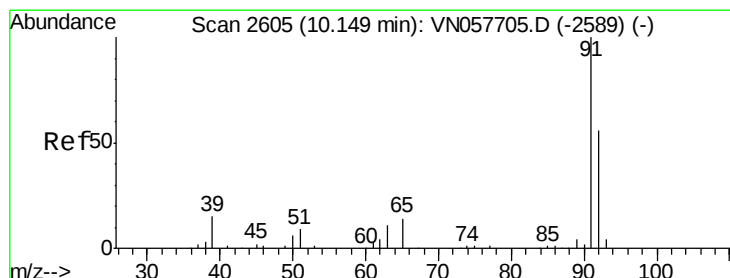
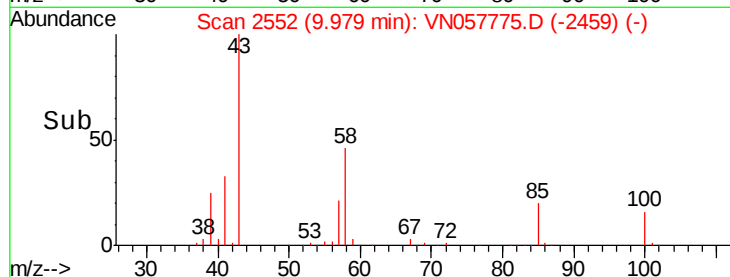
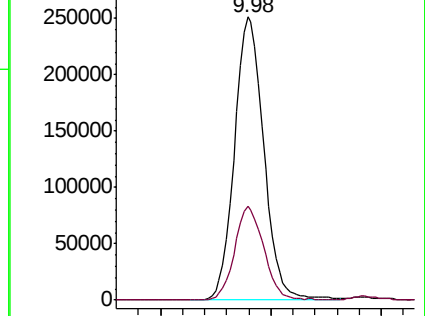
43 100

58 32.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.299 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057775.D

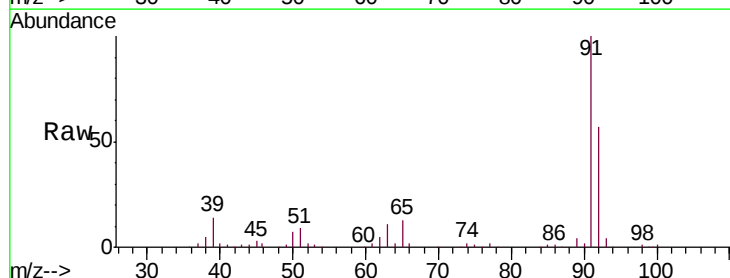
Acq: 8 Sep 2019 00:17

Tgt Ion: 92 Resp: 147295

Ion Ratio Lower Upper

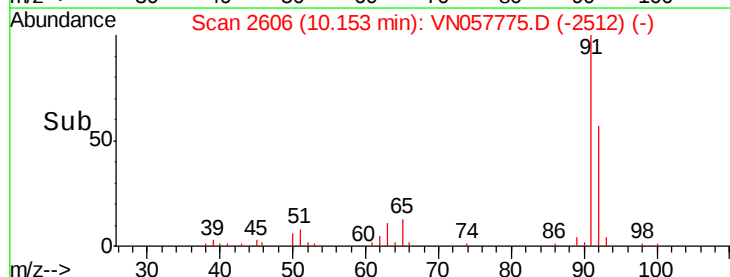
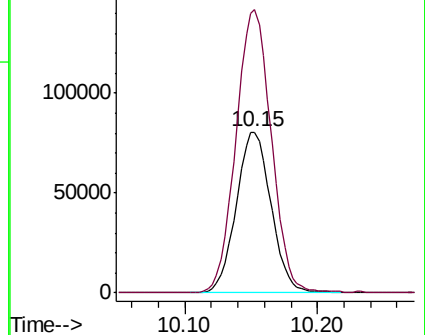
92 100

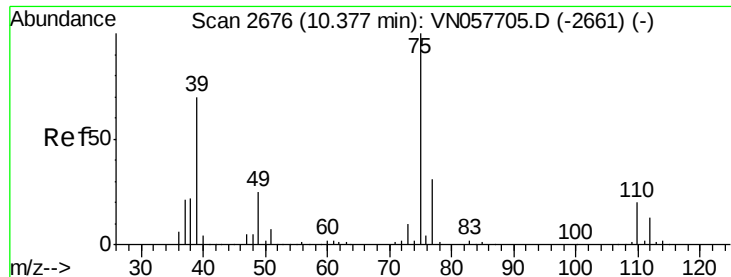
91 177.8 141.5 212.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.487 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampled :

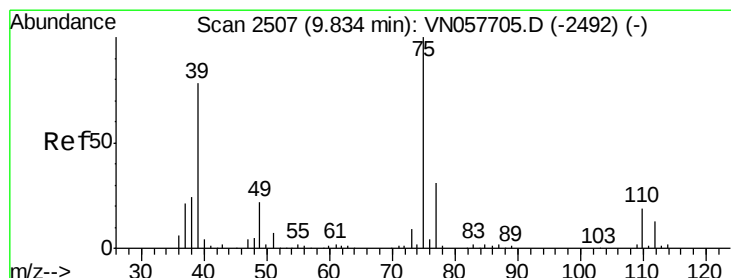
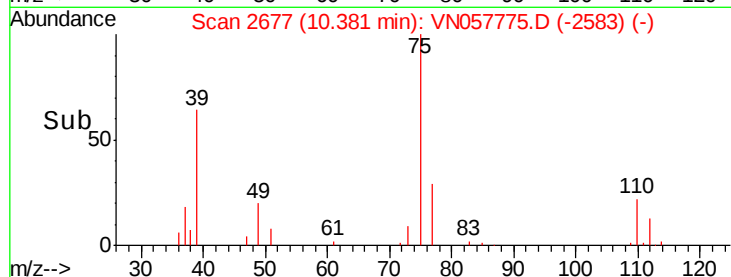
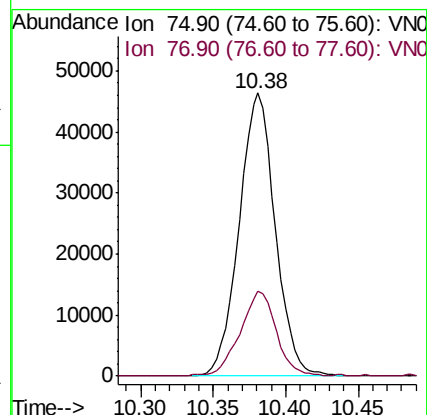
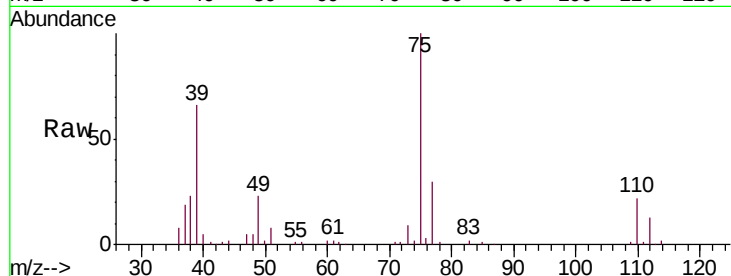
VN0907WBS02

Tgt Ion: 75 Resp: 80082

Ion Ratio Lower Upper

75 100

77 29.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 17.999 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

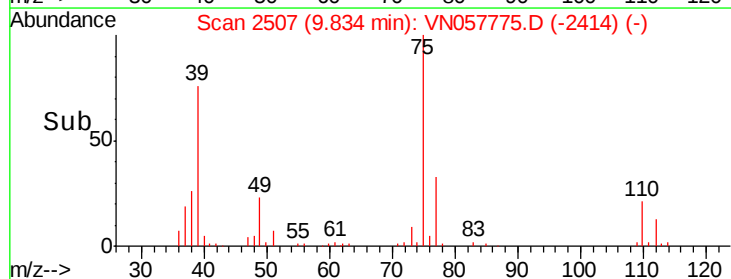
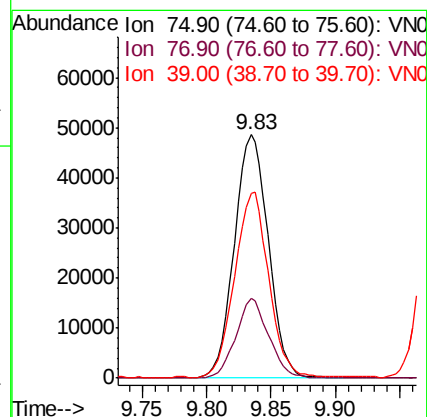
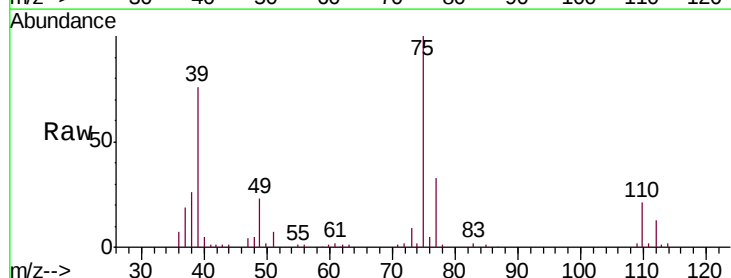
Tgt Ion: 75 Resp: 89055

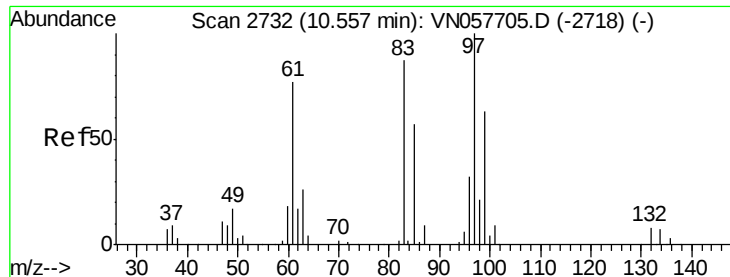
Ion Ratio Lower Upper

75 100

77 33.0 25.1 37.7

39 76.0 62.4 93.6





#55

1,1,2-Trichloroethane

Concen: 20.767 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

Tgt Ion: 97 Resp: 60642

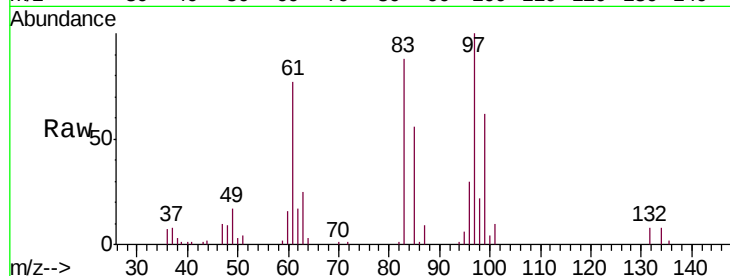
Ion Ratio Lower Upper

97 100

83 88.0 69.5 104.3

85 55.6 45.7 68.5

99 62.5 50.2 75.4

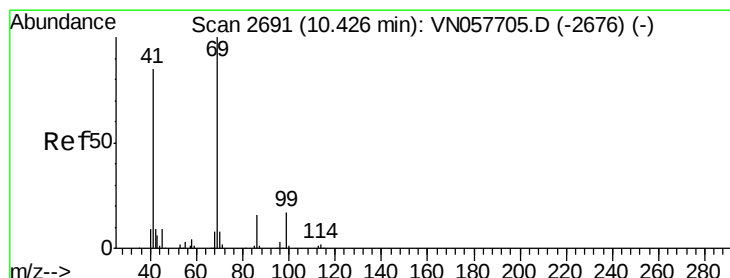
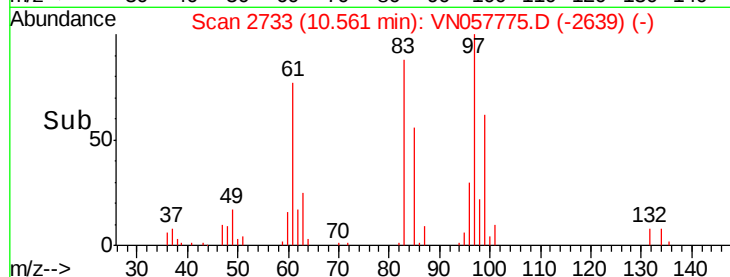
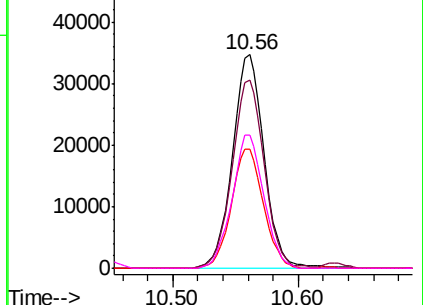


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.899 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

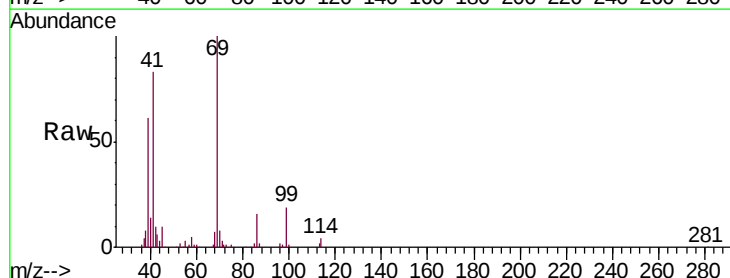
Tgt Ion: 69 Resp: 92750

Ion Ratio Lower Upper

69 100

41 83.2 69.0 103.4

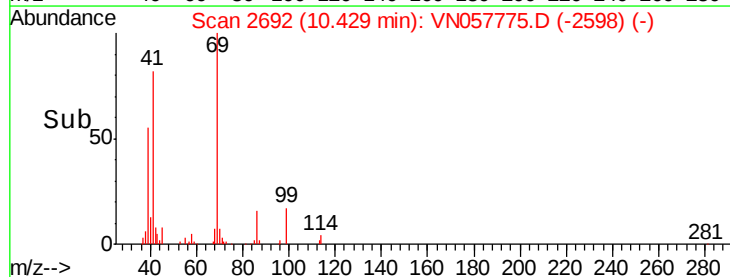
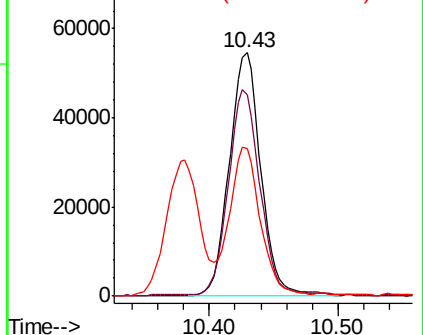
39 58.8 49.2 73.8

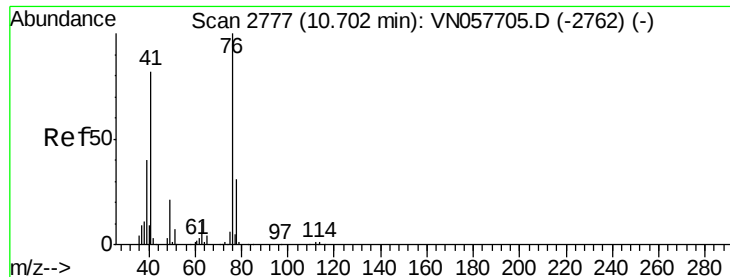


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.369 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

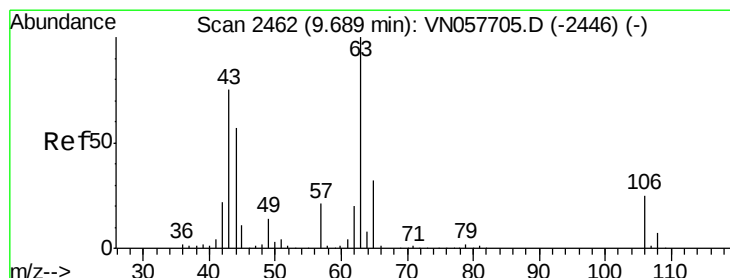
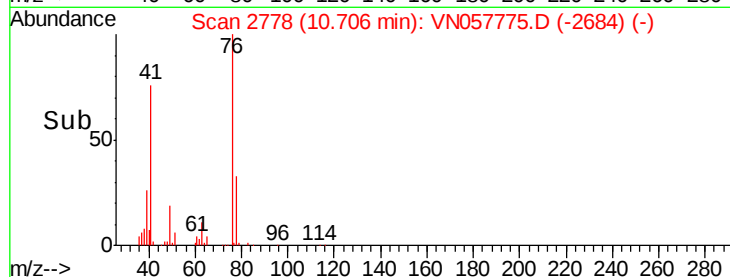
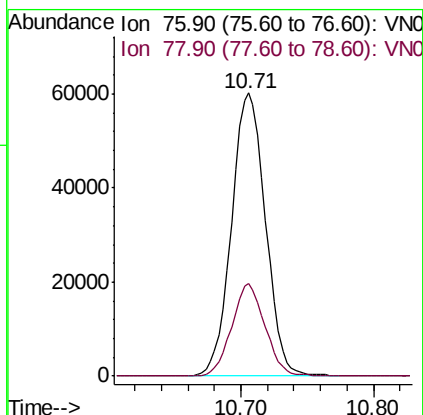
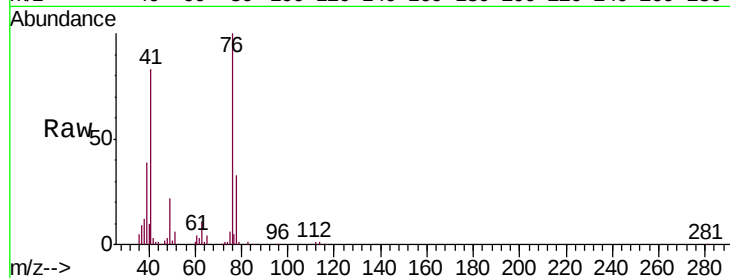
VN0907WBS02

Tgt Ion: 76 Resp: 106844

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 99.930 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057775.D

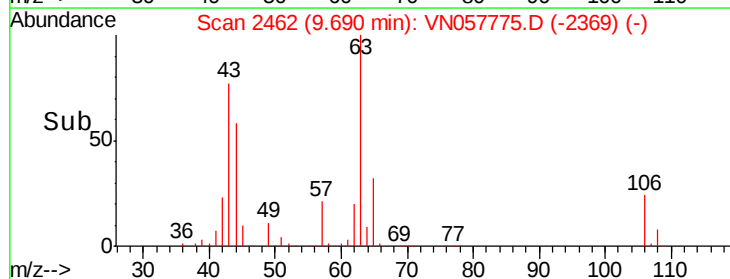
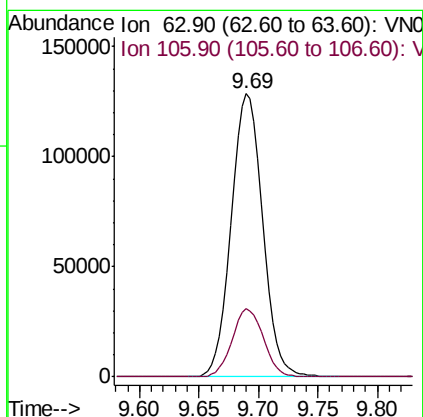
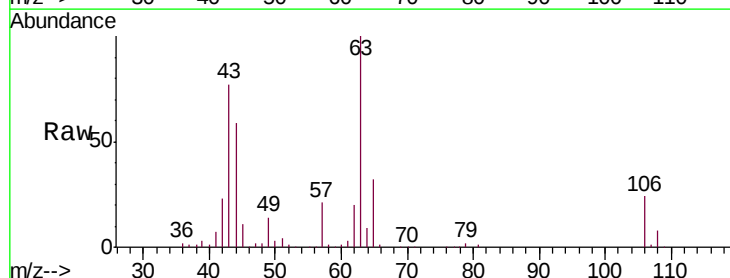
Acq: 8 Sep 2019 00:17

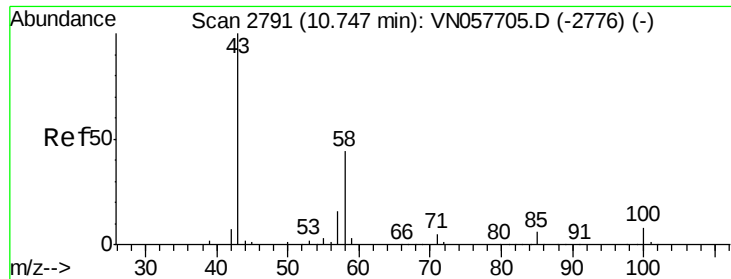
Tgt Ion: 63 Resp: 236302

Ion Ratio Lower Upper

63 100

106 23.9 19.4 29.2

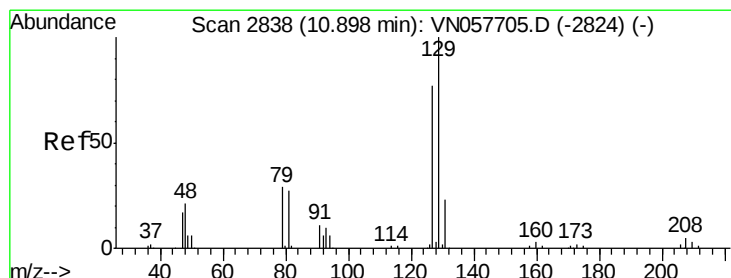
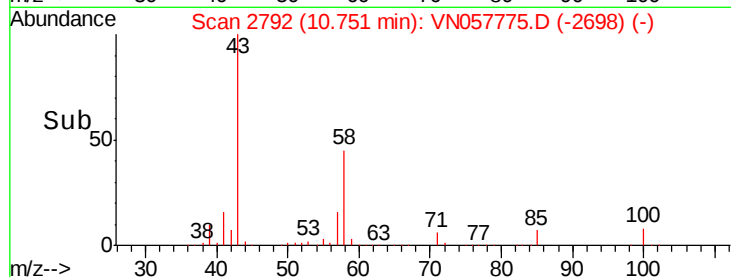
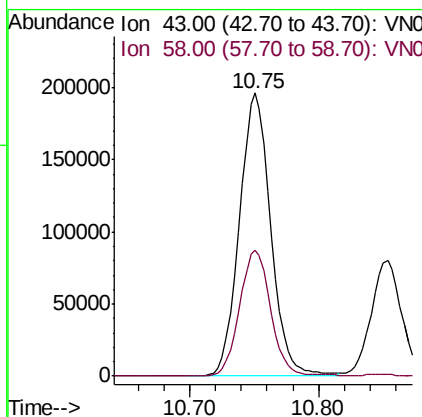
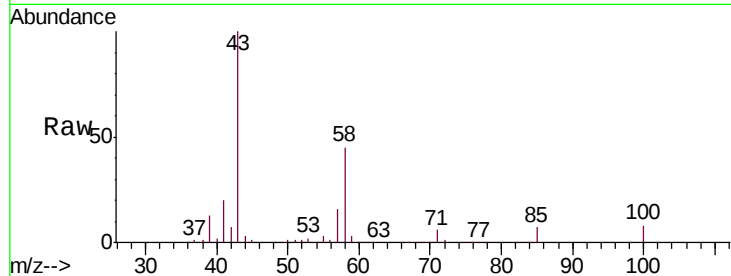




#59
2-Hexanone
Concen: 104.446 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

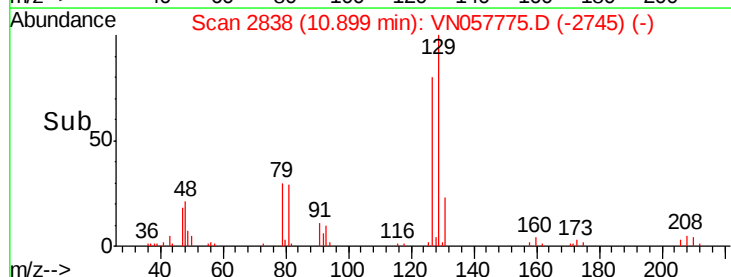
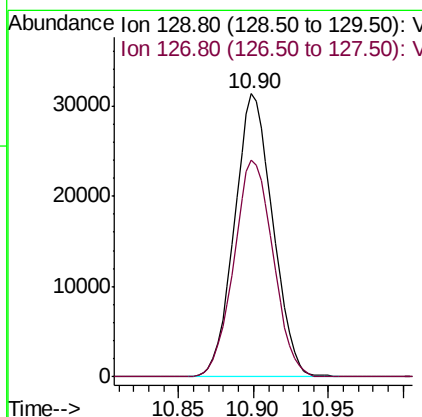
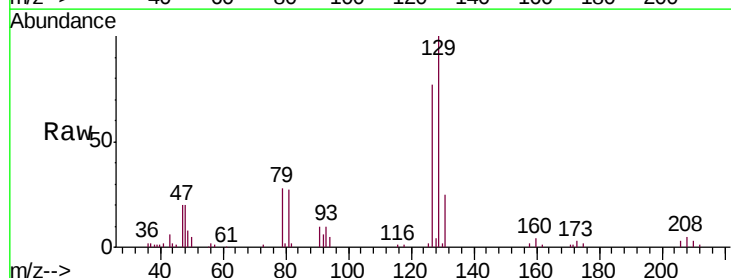
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

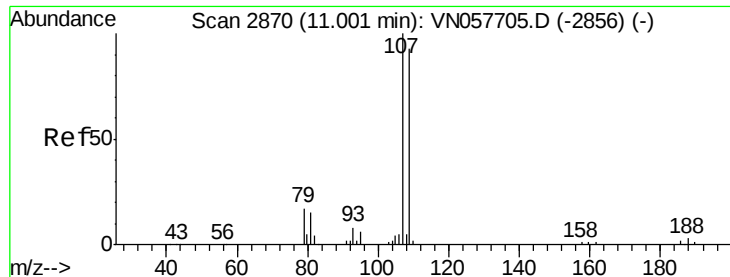
Tgt Ion: 43 Resp: 329910
Ion Ratio Lower Upper
43 100
58 44.4 22.1 66.5



#60
Dibromochloromethane
Concen: 18.882 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion: 129 Resp: 55684
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 21.464 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

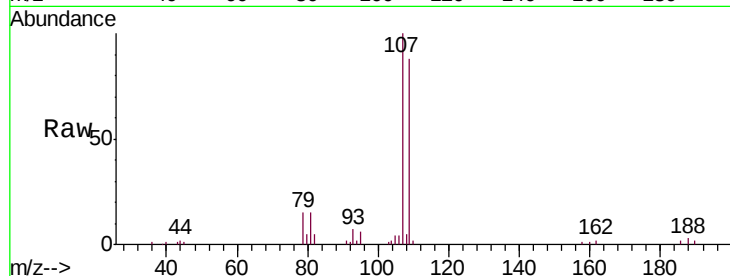
VN0907WBS02

Tgt Ion: 107 Resp: 60173

Ion Ratio Lower Upper

107 100

109 92.3 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

40000

30000

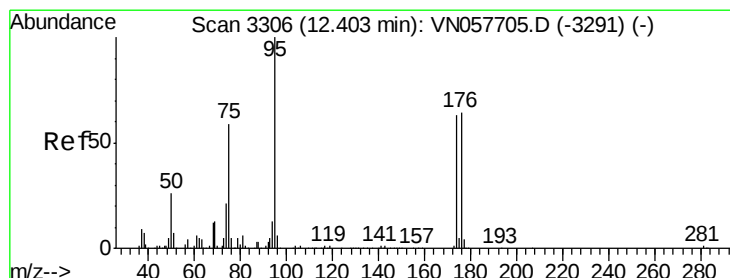
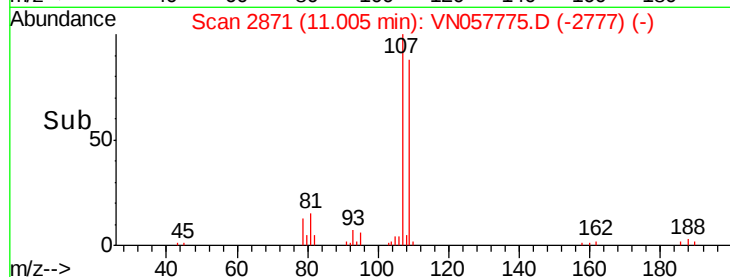
20000

10000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 50.089 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

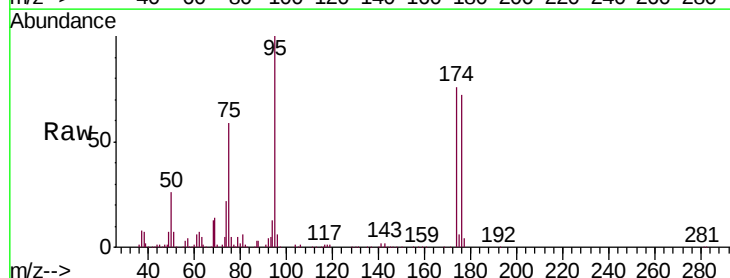
Tgt Ion: 95 Resp: 223033

Ion Ratio Lower Upper

95 100

174 74.9 0.0 128.0

176 71.8 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

12.40

150000

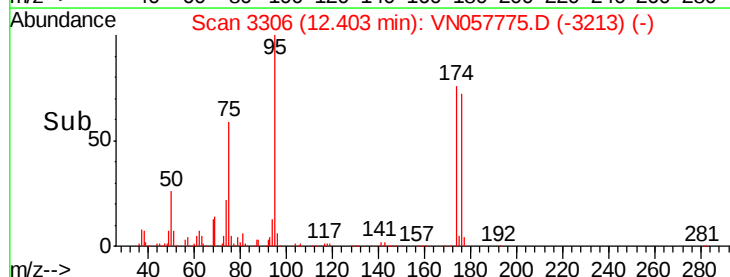
100000

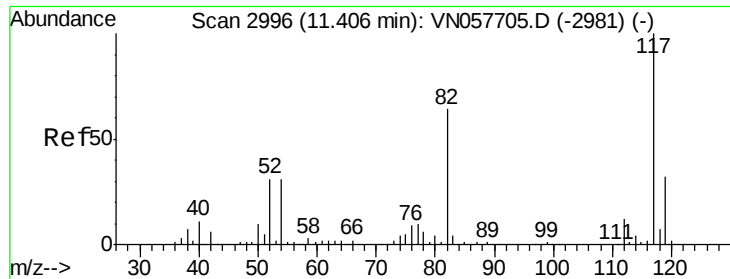
50000

0

Time-->

12.35 12.40 12.45

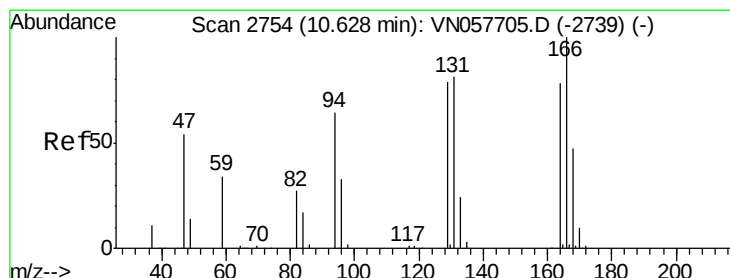
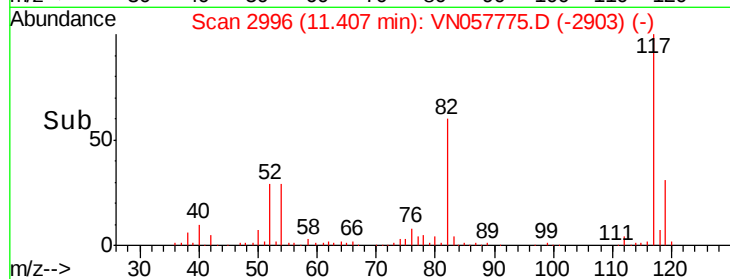
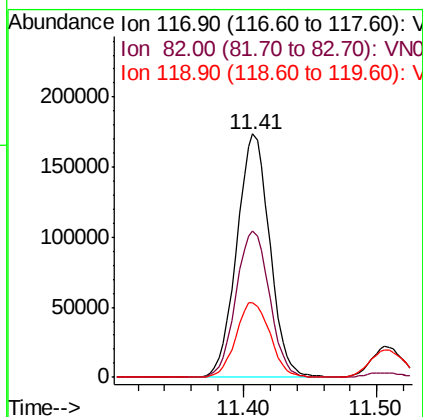
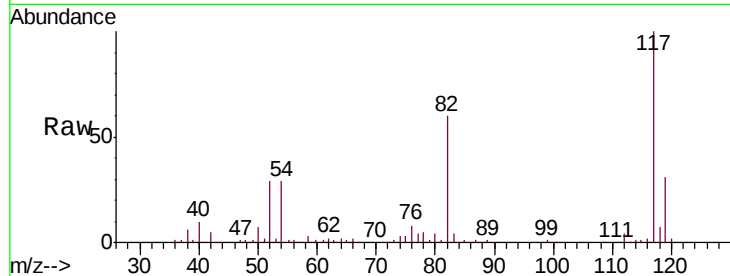




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

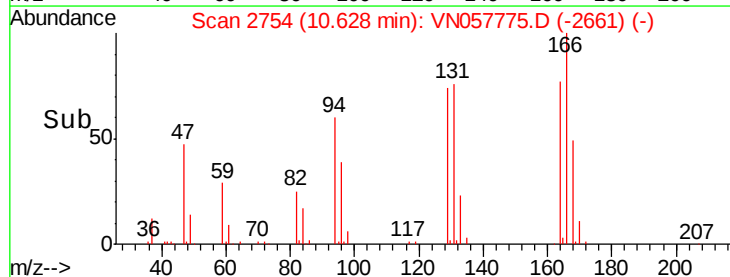
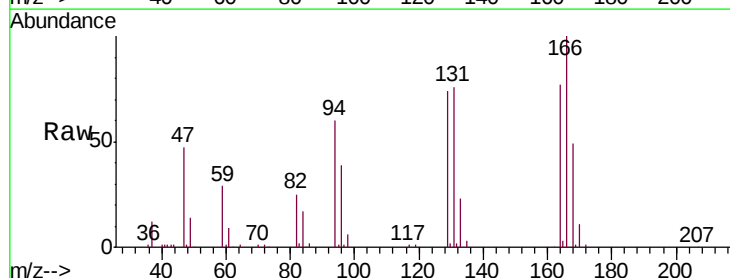
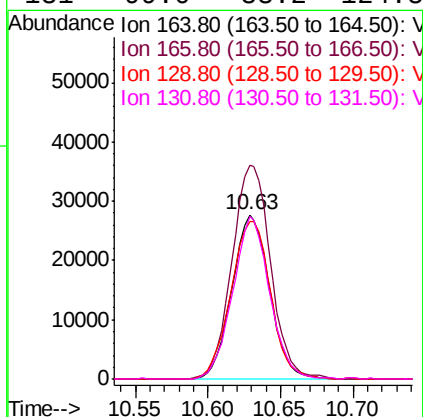
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

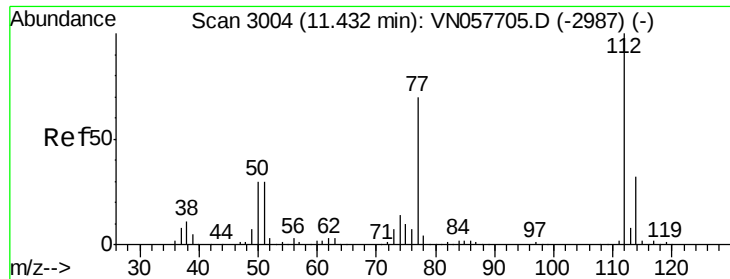
Tgt Ion:117 Resp: 300238
Ion Ratio Lower Upper
117 100
82 59.9 51.4 77.0
119 30.5 25.4 38.2



#64
Tetrachloroethene
Concen: 21.300 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion:164 Resp: 49857
Ion Ratio Lower Upper
164 100
166 130.4 103.0 154.6
129 96.1 81.1 121.7
131 99.0 83.2 124.8

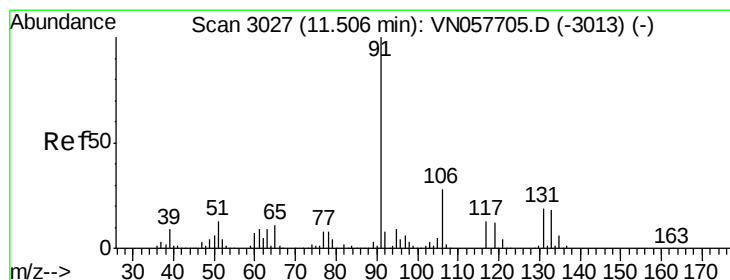
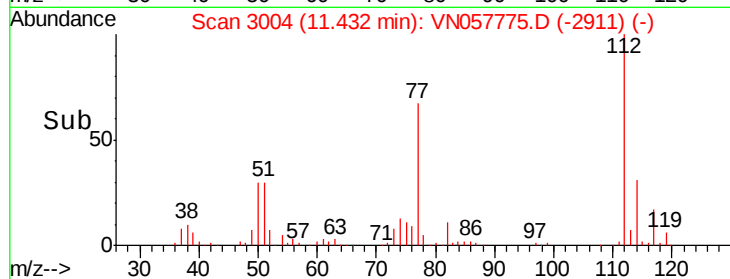
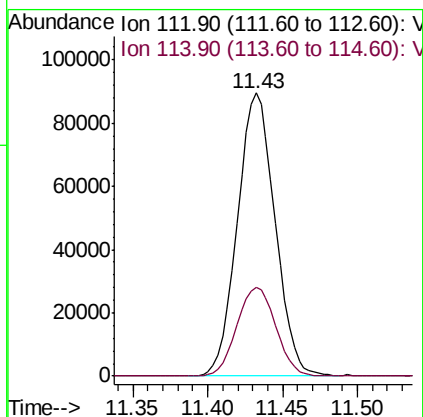
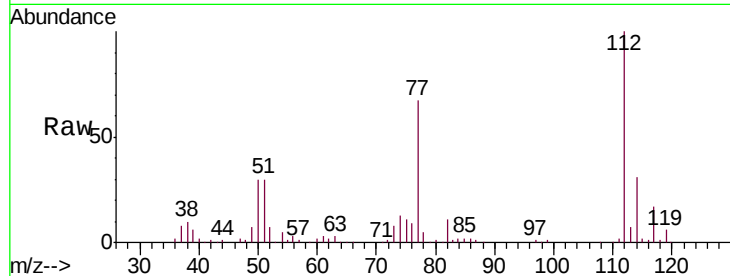




#65
Chlorobenzene
Concen: 20.003 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

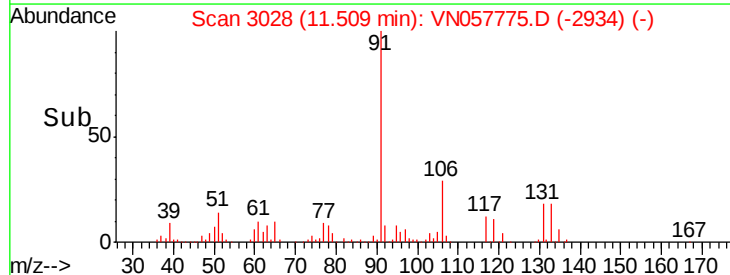
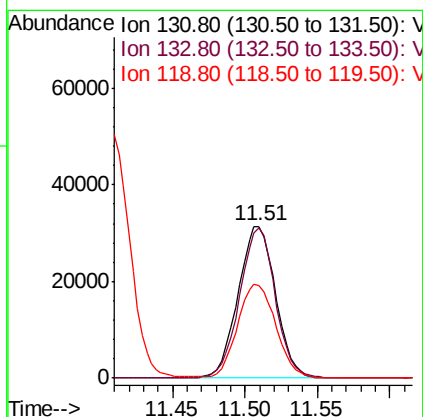
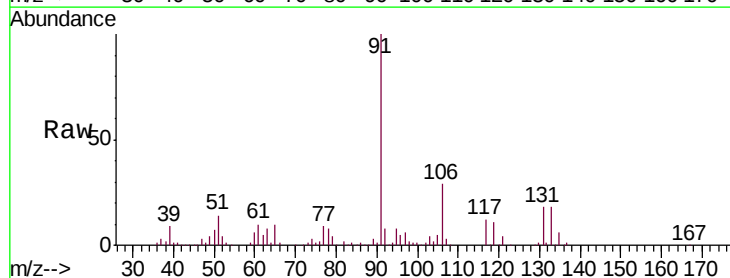
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

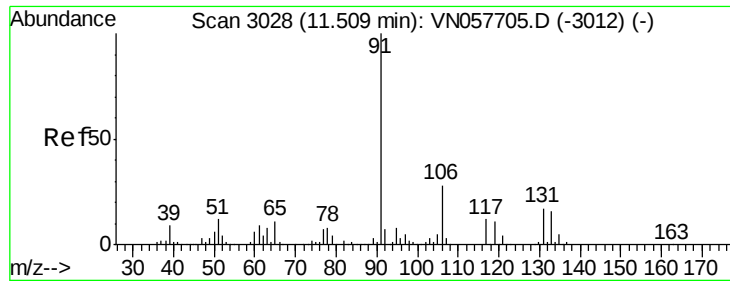
Tgt Ion:112 Resp: 156666
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.754 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion:131 Resp: 56558
Ion Ratio Lower Upper
131 100
133 93.9 47.6 142.9
119 62.9 32.8 98.3

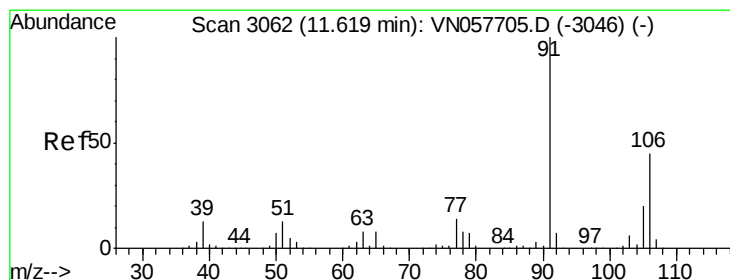
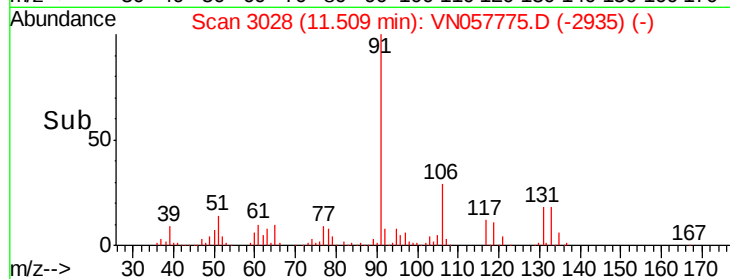
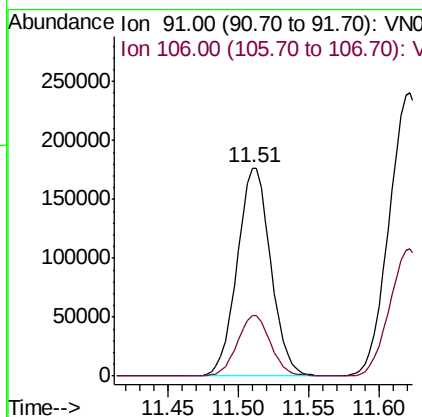
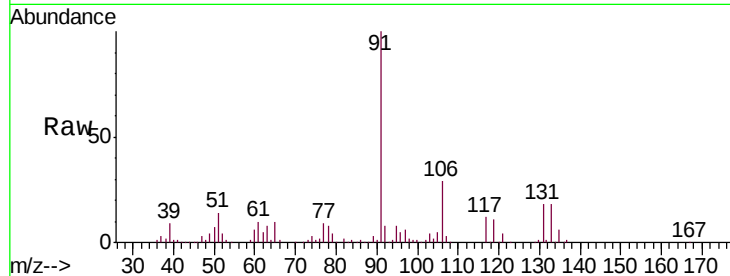




#67
Ethyl Benzene
Concen: 19.556 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

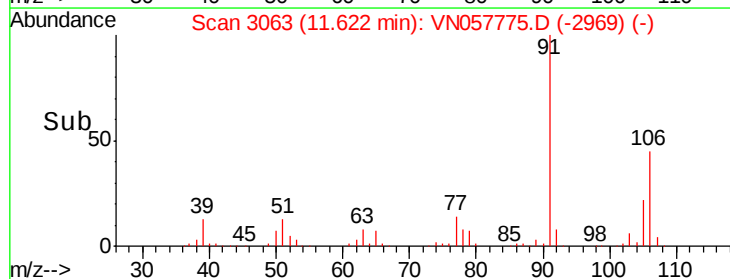
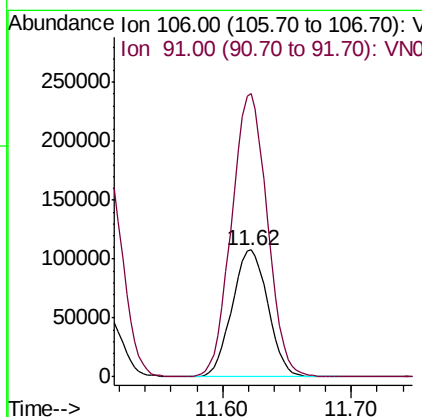
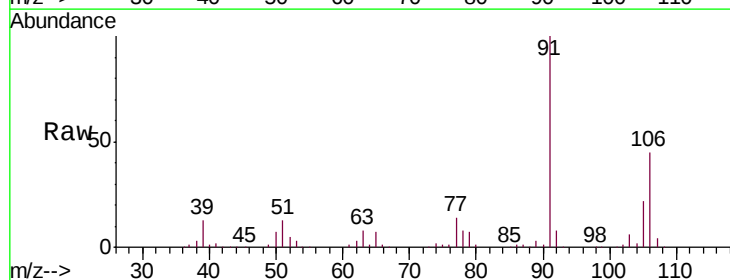
Instrument :
MSVOA_N
ClientSampled :
VN0907WBS02

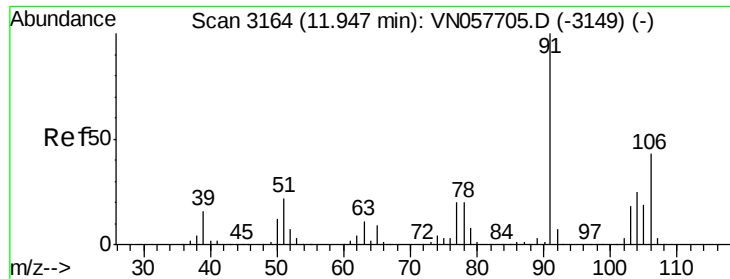
Tgt Ion: 91 Resp: 295507
Ion Ratio Lower Upper
91 100
106 28.9 22.8 34.2



#68
m/p-Xylenes
Concen: 40.076 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion: 106 Resp: 208581
Ion Ratio Lower Upper
106 100
91 222.3 179.8 269.8

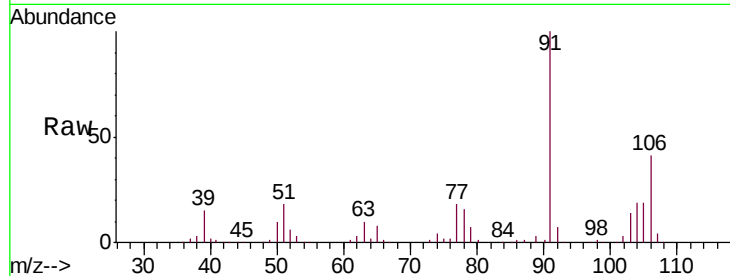




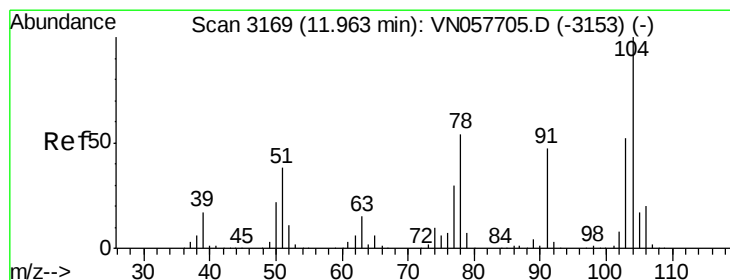
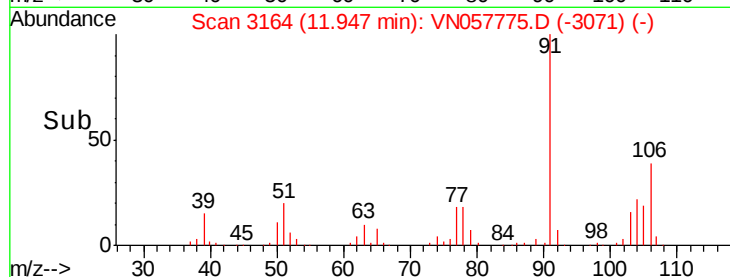
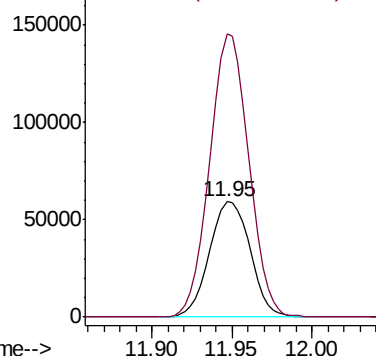
#69
o-Xylene
Concen: 20.050 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

Tgt Ion:106 Resp: 103329
Ion Ratio Lower Upper
106 100
91 234.6 116.8 350.4

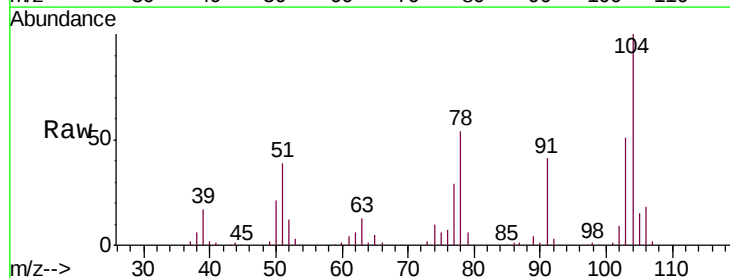


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

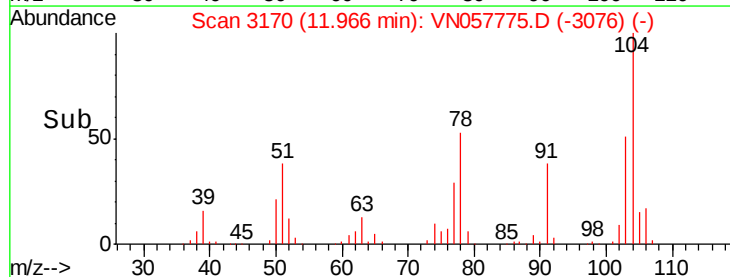
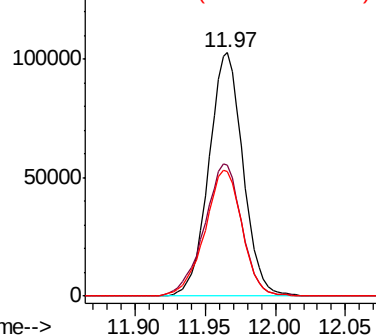


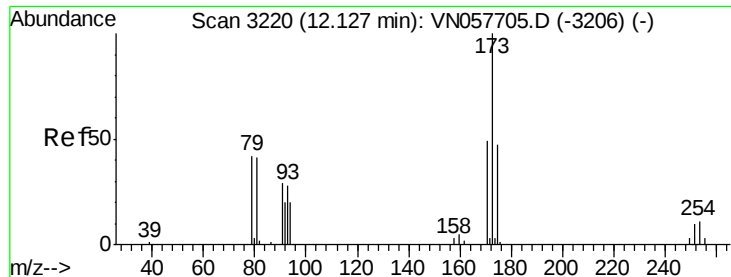
#70
Styrene
Concen: 19.570 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion:104 Resp: 174508
Ion Ratio Lower Upper
104 100
78 59.7 48.5 72.7
103 56.5 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

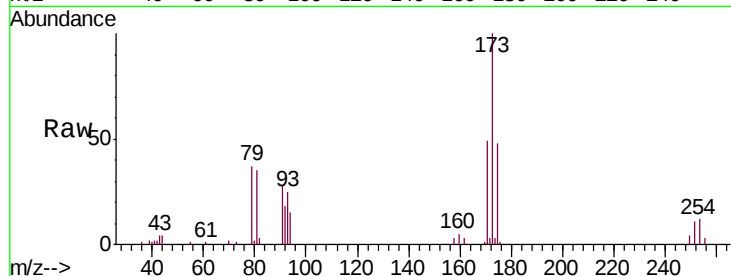




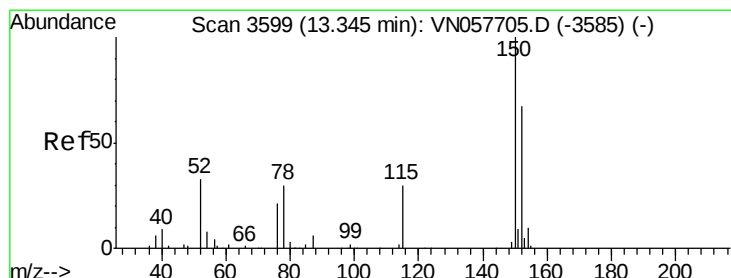
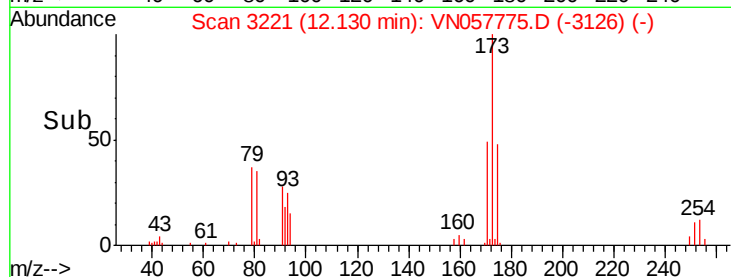
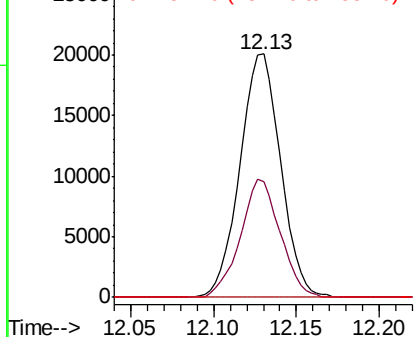
#71
Bromoform
Concen: 18.995 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Instrument :
MSVOA_N
ClientSampled :
VN0907WBS02

Tgt Ion:173 Resp: 34303
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.8
254 0.0 0.0 0.0

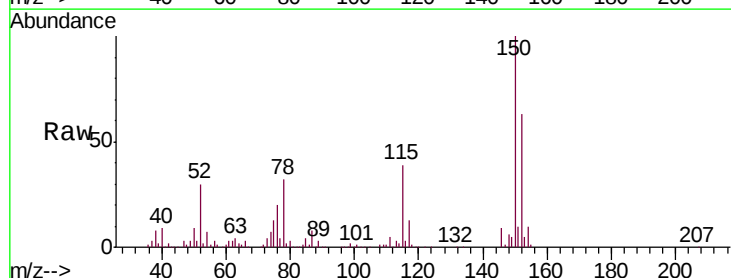


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

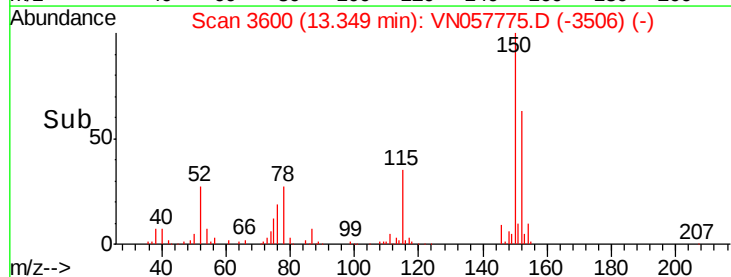
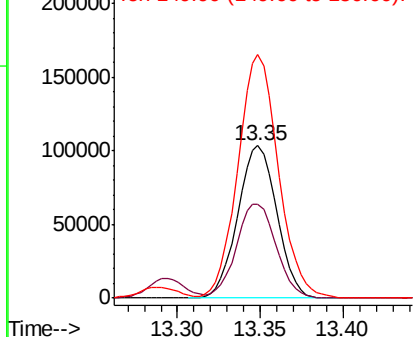


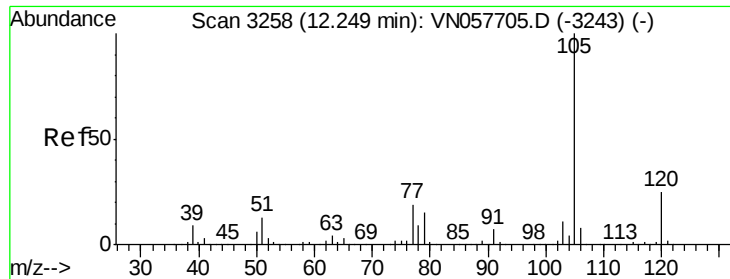
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion:152 Resp: 169841
Ion Ratio Lower Upper
152 100
115 62.7 33.8 101.3
150 164.4 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: 19.415 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

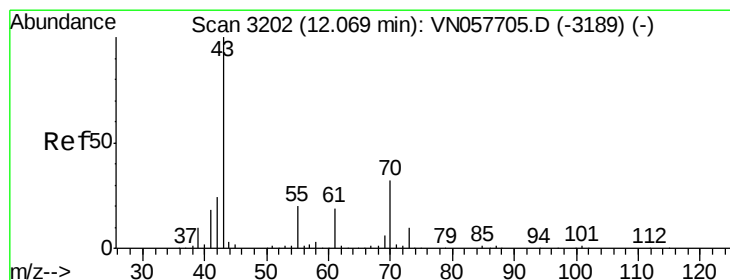
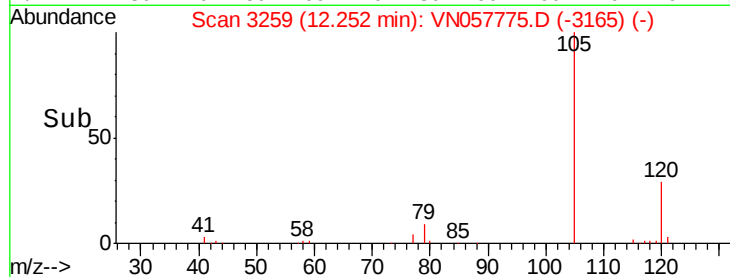
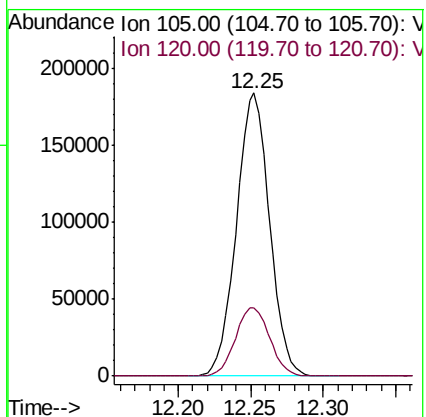
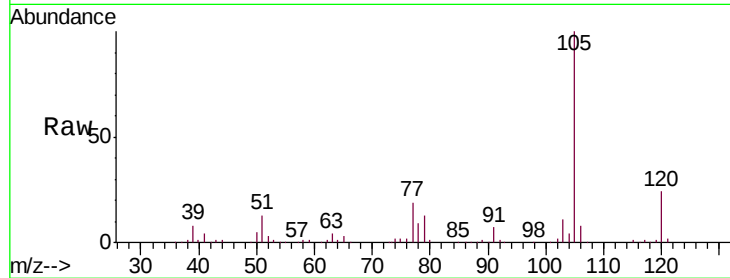
VN0907WBS02

Tgt Ion:105 Resp: 291526

Ion Ratio Lower Upper

105 100

120 25.1 12.2 36.6



#74

N-ethyl acetate

Concen: 17.635 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Tgt Ion: 43 Resp: 132274

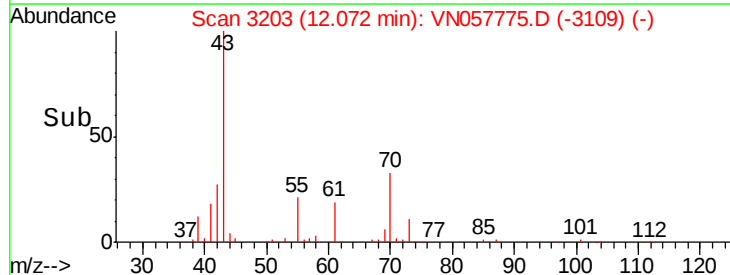
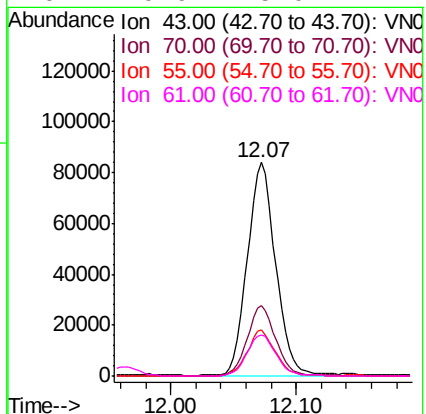
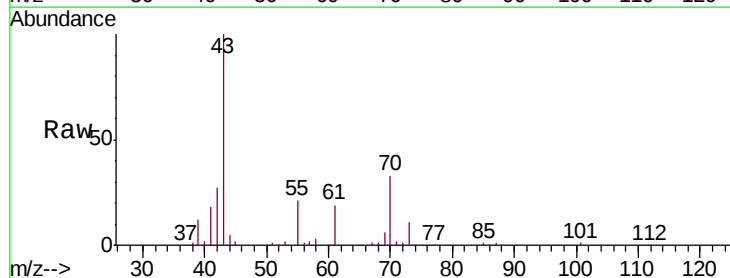
Ion Ratio Lower Upper

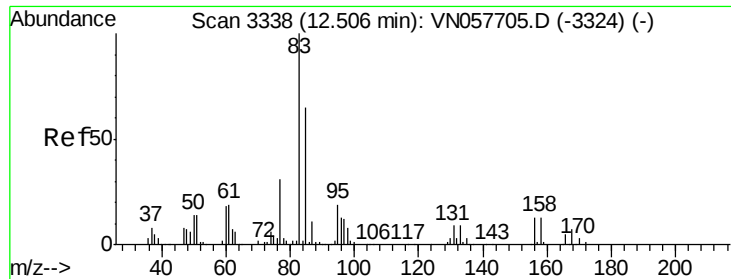
43 100

70 32.8 26.1 39.1

55 21.4 16.3 24.5

61 19.9 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.701 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

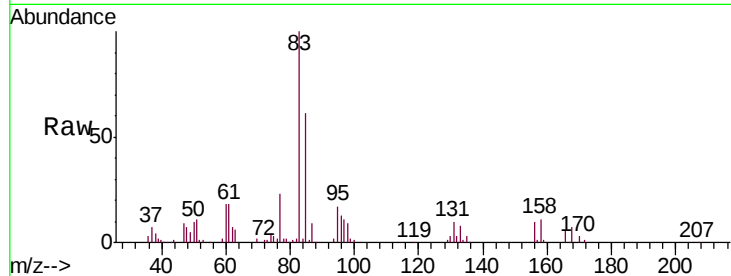
Tgt Ion: 83 Resp: 88707

Ion Ratio Lower Upper

83 100

131 10.4 4.5 13.5

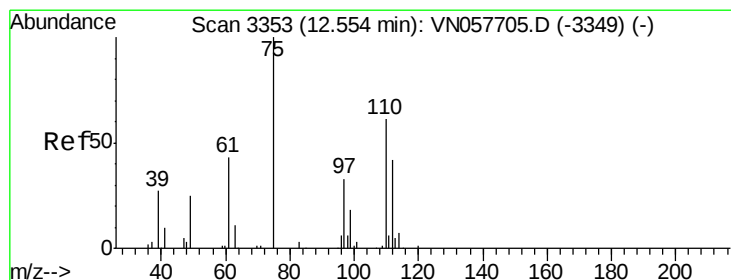
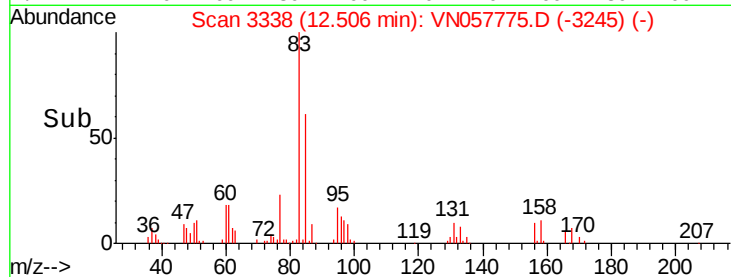
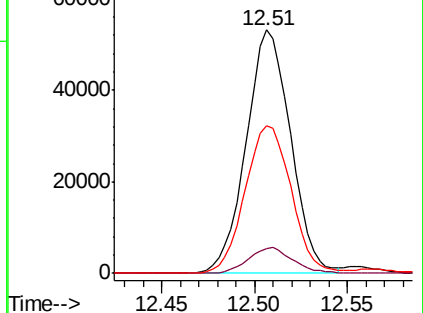
85 62.8 31.8 95.3



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: 27.991 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057775.D

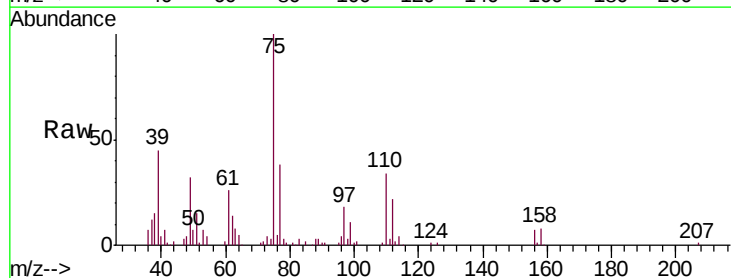
Acq: 8 Sep 2019 00:17

Tgt Ion: 75 Resp: 109171

Ion Ratio Lower Upper

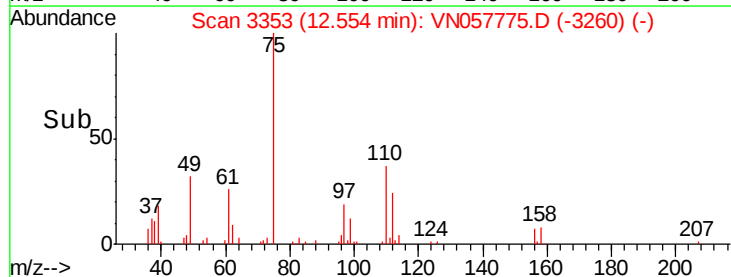
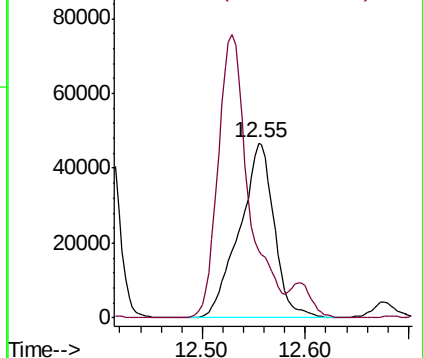
75 100

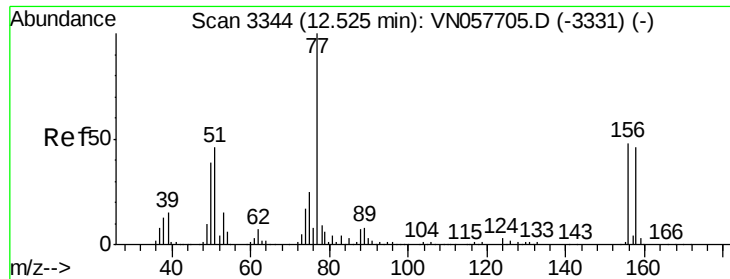
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.210 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

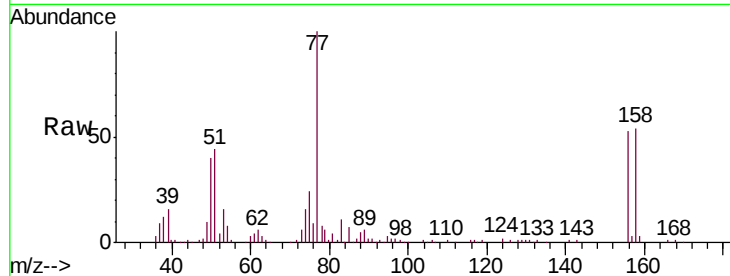
Tgt Ion:156 Resp: 69189

Ion Ratio Lower Upper

156 100

77 227.2 125.4 376.2

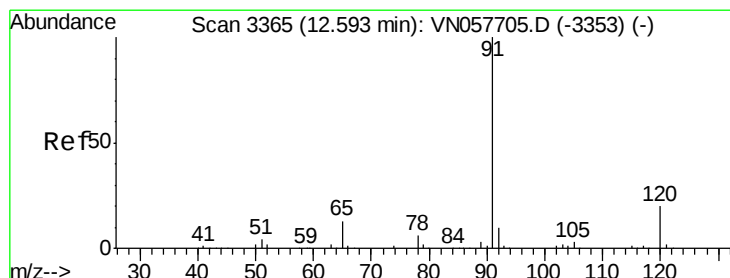
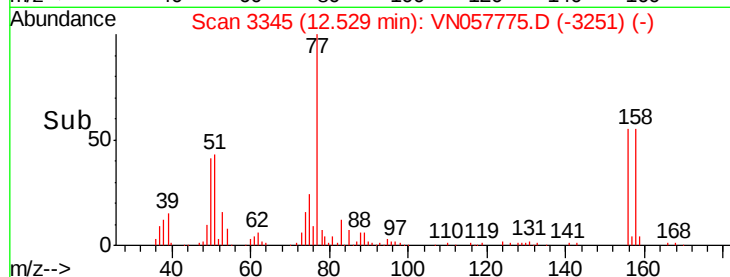
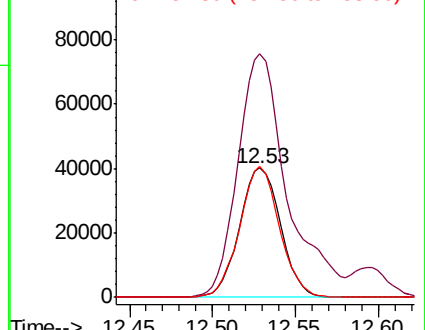
158 98.4 49.3 147.9



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: 19.275 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057775.D

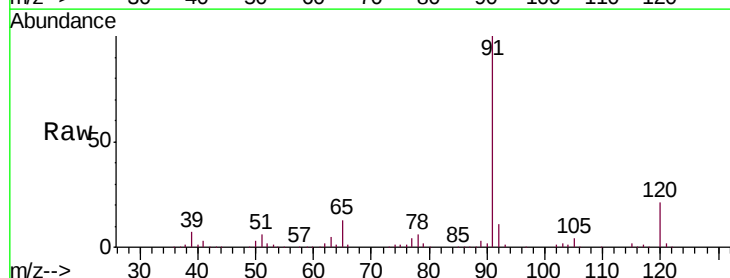
Acq: 8 Sep 2019 00:17

Tgt Ion: 91 Resp: 343859

Ion Ratio Lower Upper

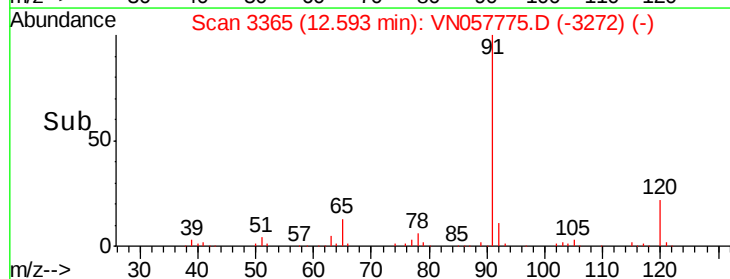
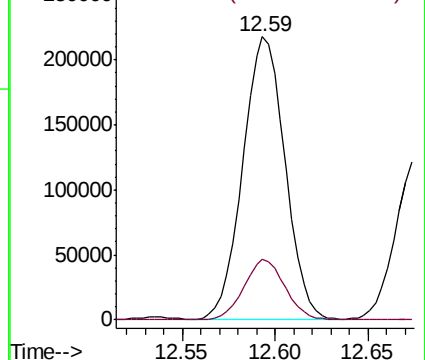
91 100

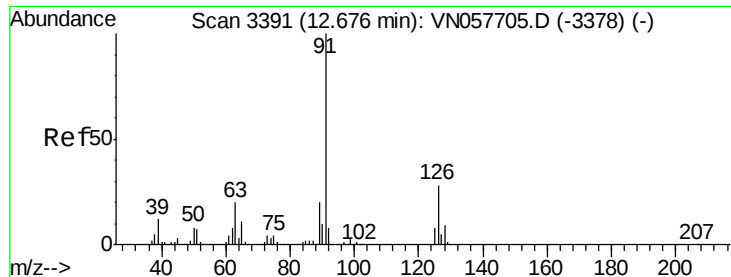
120 21.1 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.273 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

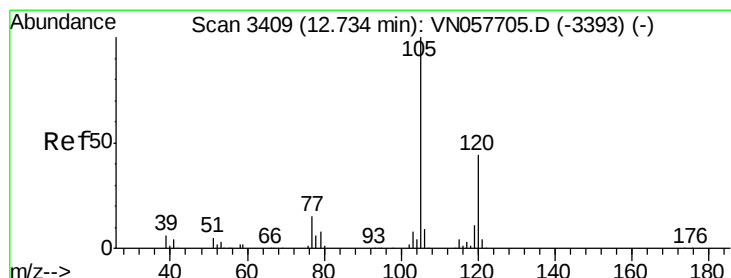
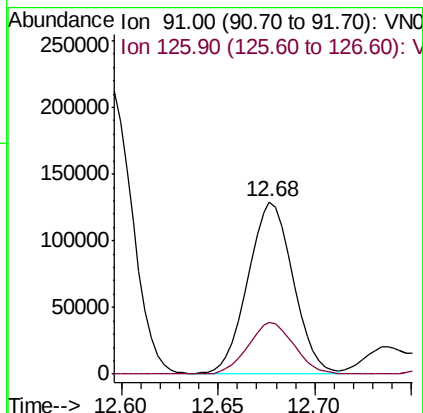
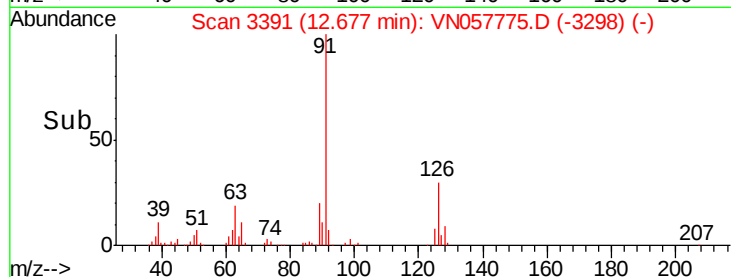
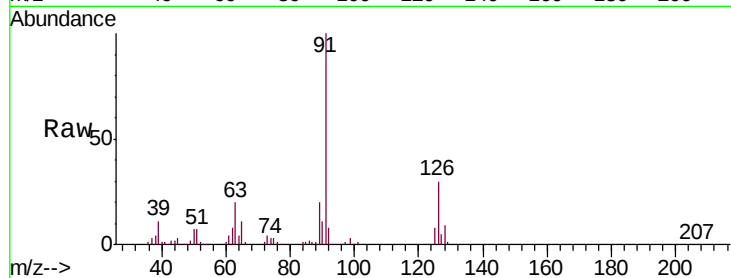
VN0907WBS02

Tgt Ion: 91 Resp: 209311

Ion Ratio Lower Upper

91 100

126 30.7 14.5 43.5



#80

1,3,5-Trimethylbenzene

Concen: 19.730 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057775.D

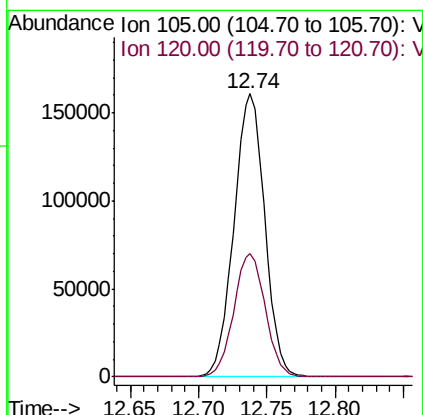
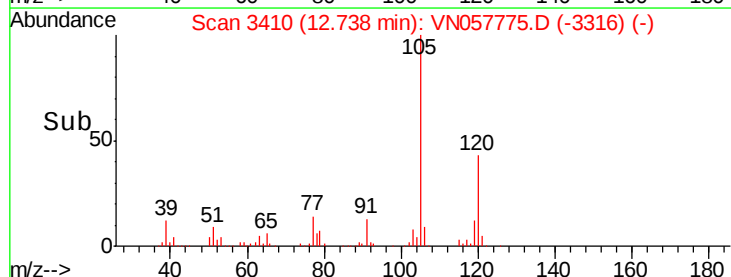
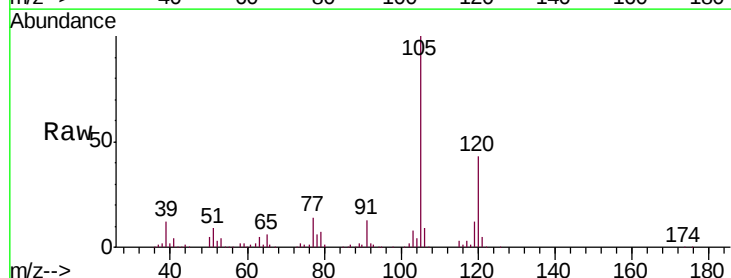
Acq: 8 Sep 2019 00:17

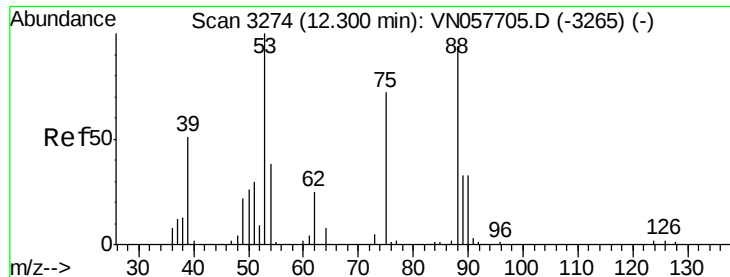
Tgt Ion: 105 Resp: 251659

Ion Ratio Lower Upper

105 100

120 44.4 22.3 66.8





#81

trans-1,4-Dichloro-2-butene

Concen: 13.950 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

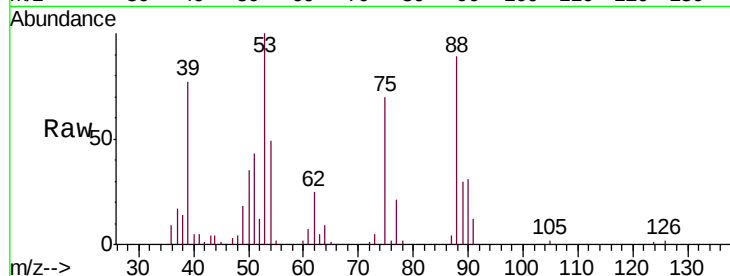
Tgt Ion: 75 Resp: 17494

Ion Ratio Lower Upper

75 100

53 148.7 107.0 160.6

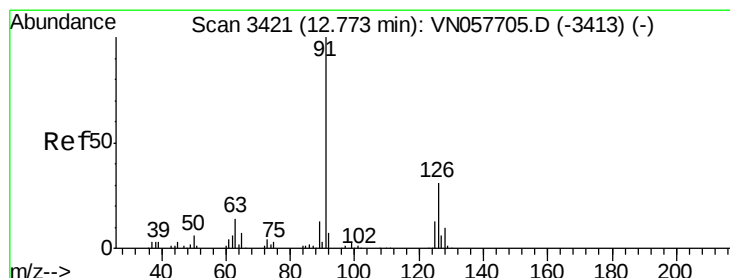
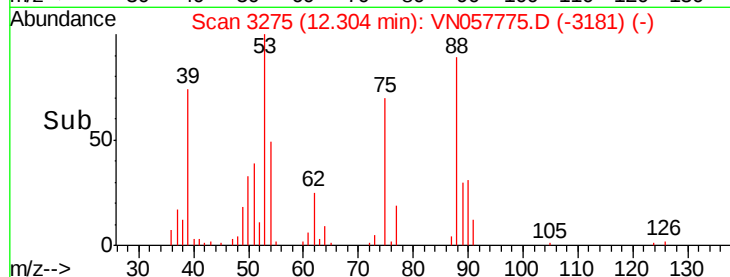
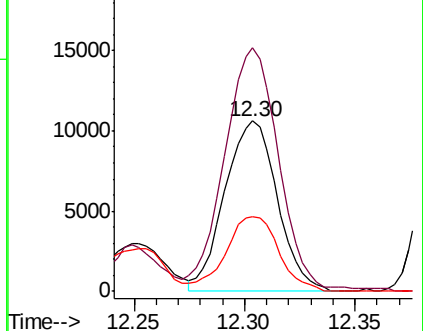
89 44.3 36.5 54.7



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: 19.273 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057775.D

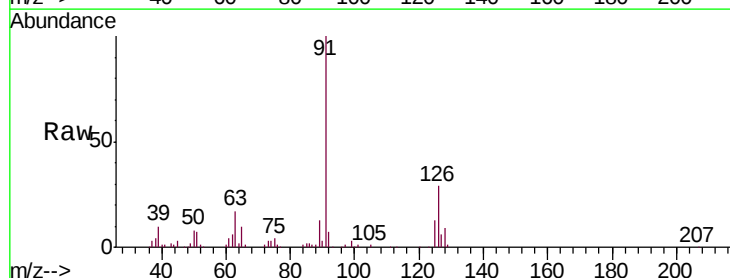
Acq: 8 Sep 2019 00:17

Tgt Ion: 91 Resp: 215568

Ion Ratio Lower Upper

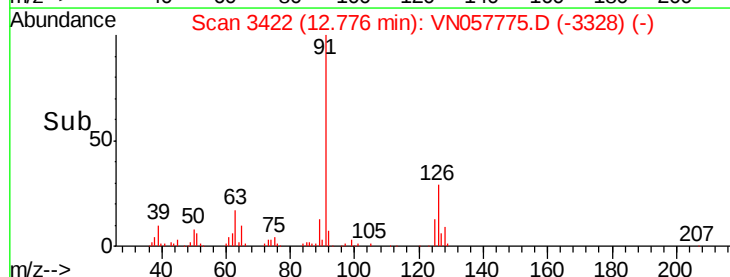
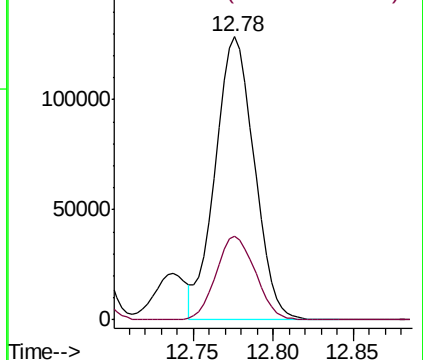
91 100

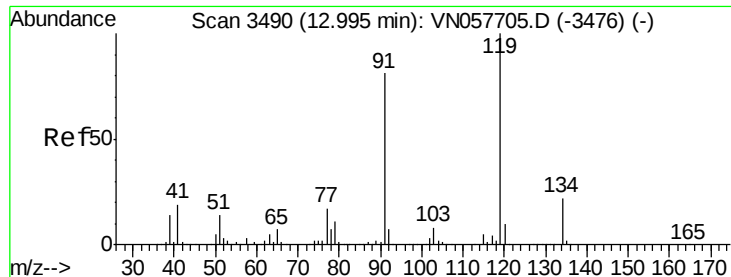
126 29.7 14.4 43.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

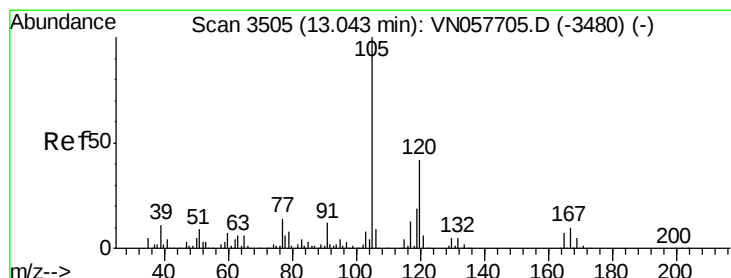
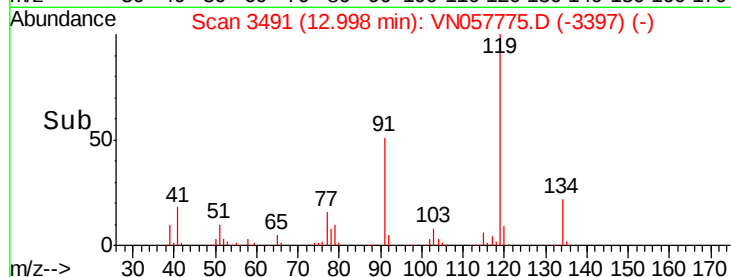
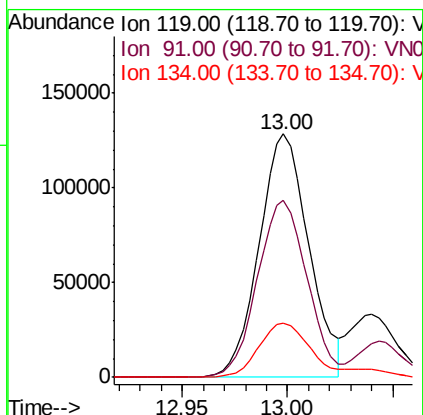
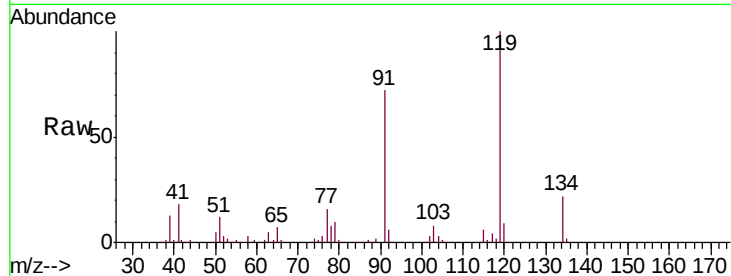




#83
 tert-Butylbenzene
 Concen: 19.619 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

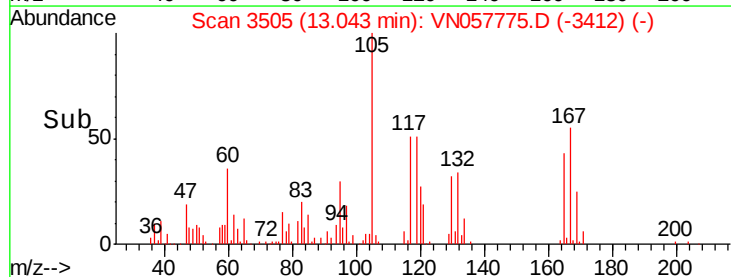
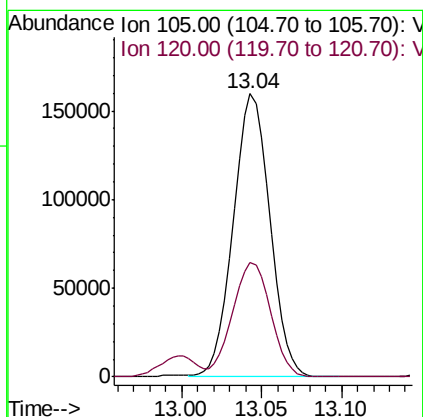
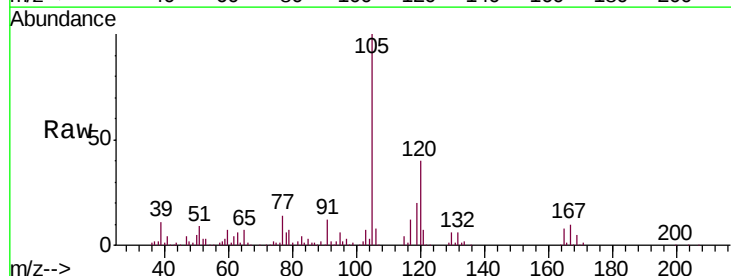
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS02

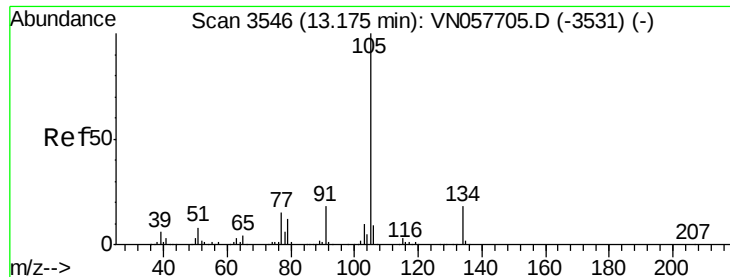
Tgt Ion:119 Resp: 210958
 Ion Ratio Lower Upper
 119 100
 91 73.0 39.6 118.8
 134 25.6 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.569 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Tgt Ion:105 Resp: 247258
 Ion Ratio Lower Upper
 105 100
 120 42.6 20.8 62.5

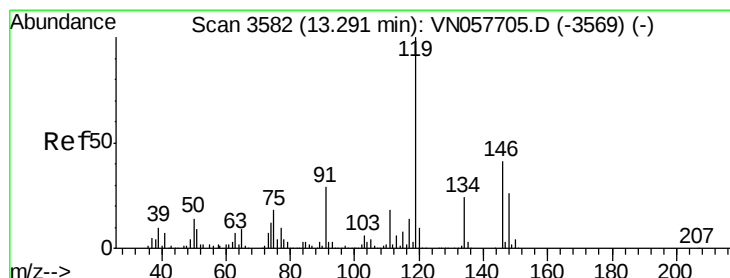
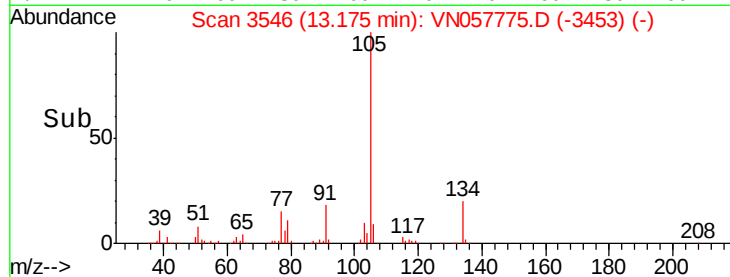
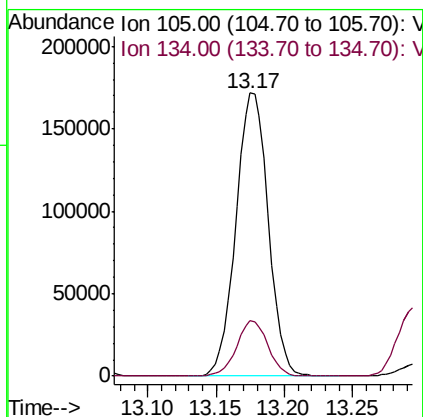
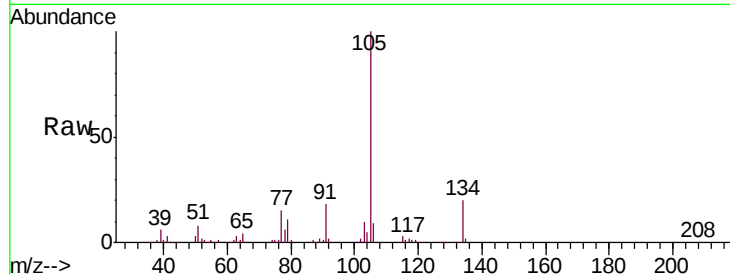




#85
 sec-Butylbenzene
 Concen: 19.052 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

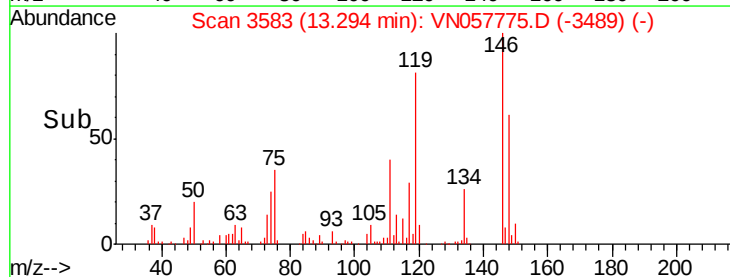
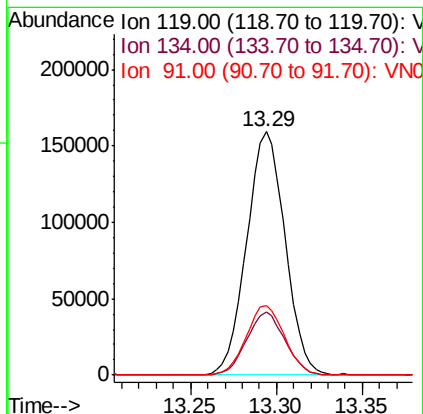
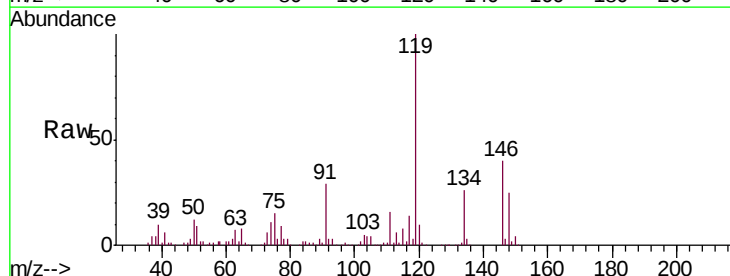
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS02

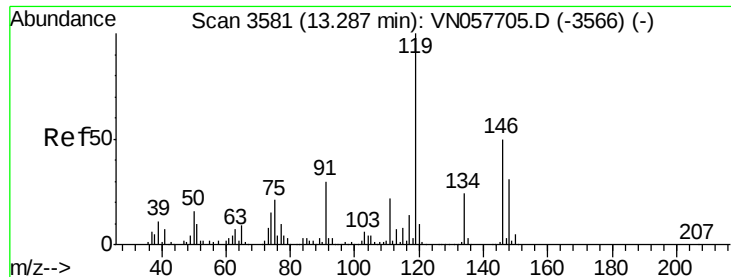
Tgt Ion:105 Resp: 282234
 Ion Ratio Lower Upper
 105 100
 134 18.8 8.8 26.5



#86
 p-Isopropyltoluene
 Concen: 19.700 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Tgt Ion:119 Resp: 247331
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.0
 91 28.7 14.8 44.3

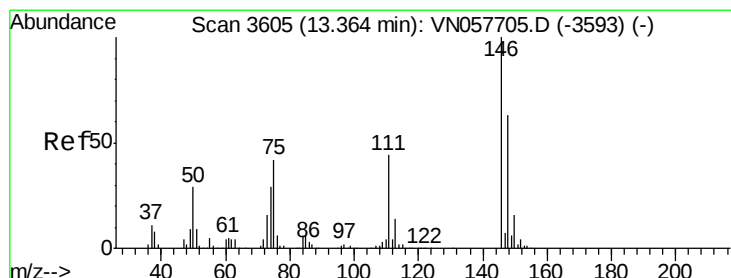
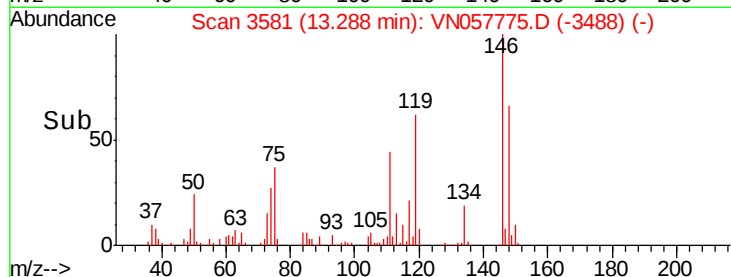
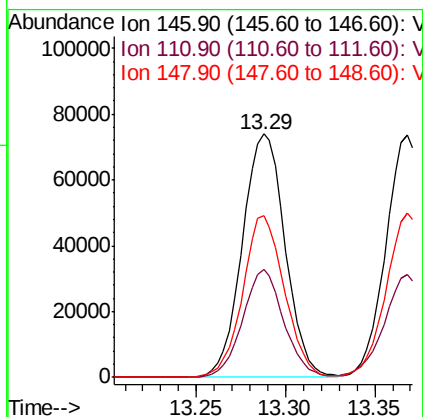
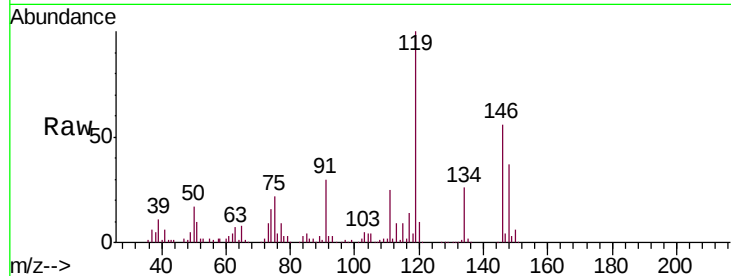




#87
 1,3-Dichlorobenzene
 Concen: 20.266 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

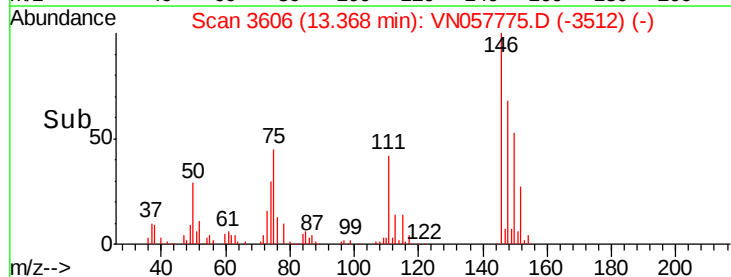
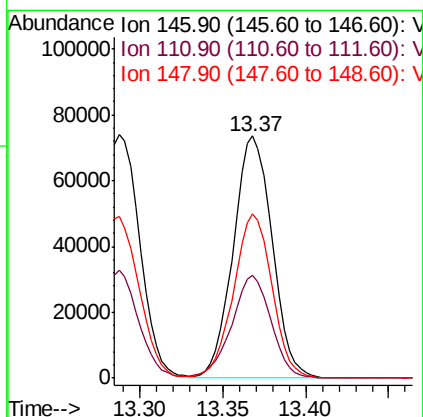
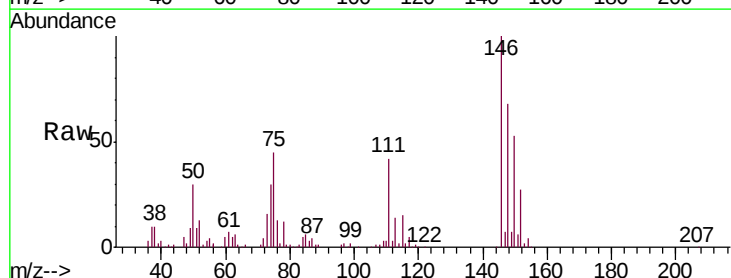
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS02

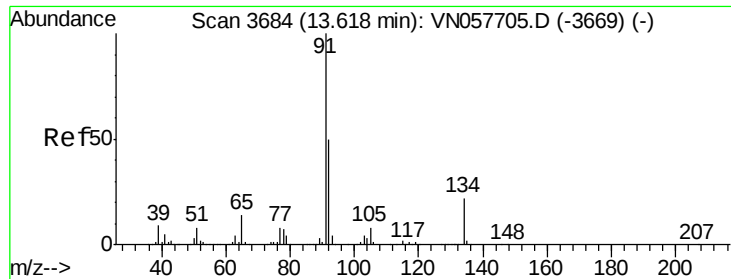
Tgt Ion:146 Resp: 123591
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.3 66.8
 148 64.9 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 19.780 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Tgt Ion:146 Resp: 120668
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.3 66.9
 148 66.3 31.9 95.7





#89

n-Butylbenzene

Concen: 18.641 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

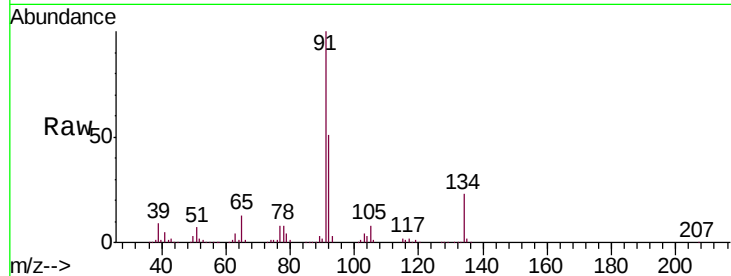
Tgt Ion: 91 Resp: 231453

Ion Ratio Lower Upper

91 100

92 49.7 25.6 76.8

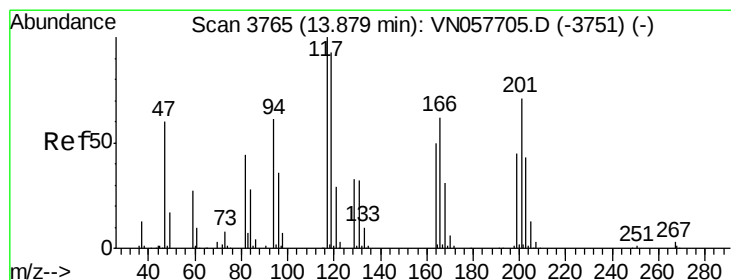
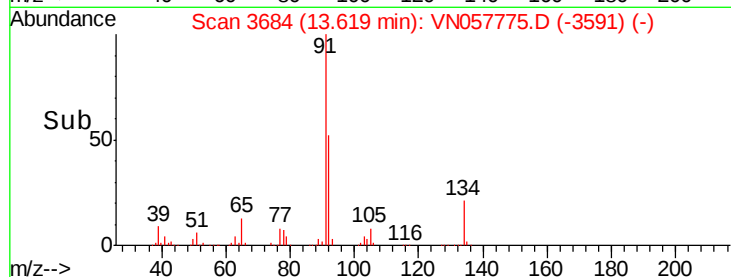
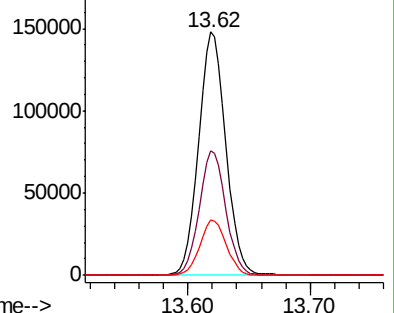
134 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN057775.D (-3684) (-)

Ion 92.00 (91.70 to 92.70): VN057775.D (-3684) (-)

Ion 134.00 (133.70 to 134.70): VN057775.D (-3684) (-)



#90

Hexachloroethane

Concen: 17.785 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057775.D

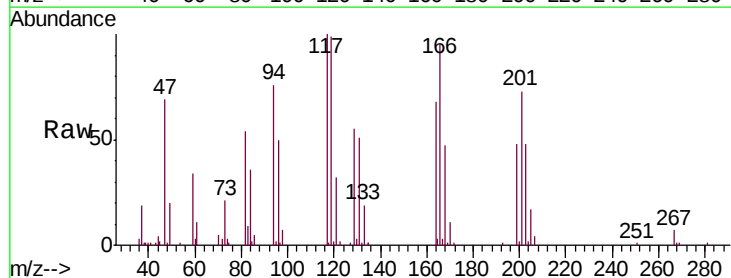
Acq: 8 Sep 2019 00:17

Tgt Ion: 117 Resp: 34987

Ion Ratio Lower Upper

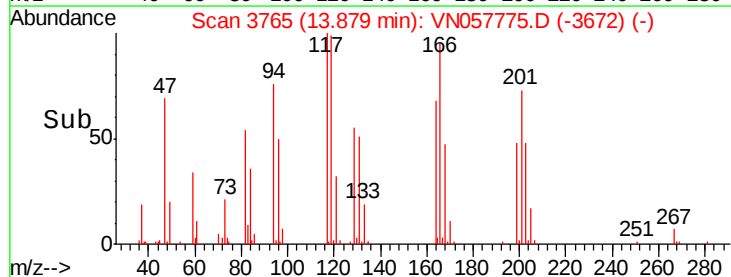
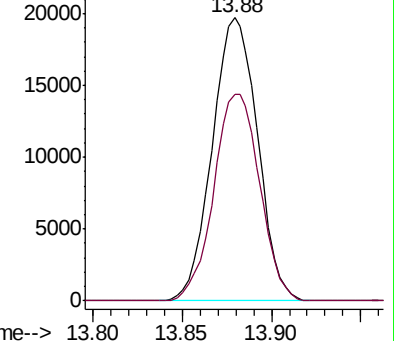
117 100

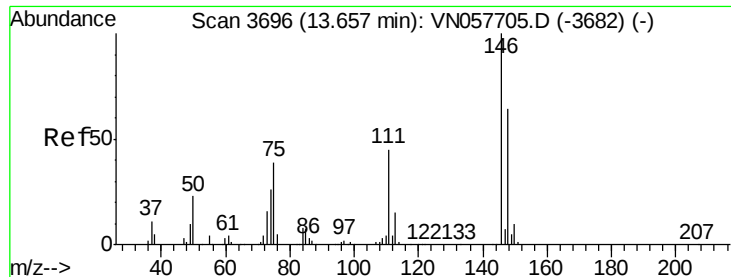
201 73.9 36.4 109.2



Abundance Ion 116.80 (116.50 to 117.50): VN057775.D (-3765) (-)

Ion 200.70 (200.40 to 201.40): VN057775.D (-3765) (-)





#91

1,2-Dichlorobenzene

Concen: 20.423 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBS02

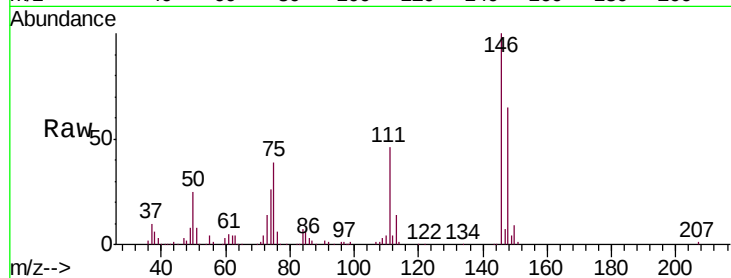
Tgt Ion:146 Resp: 122622

Ion Ratio Lower Upper

146 100

111 45.2 22.8 68.3

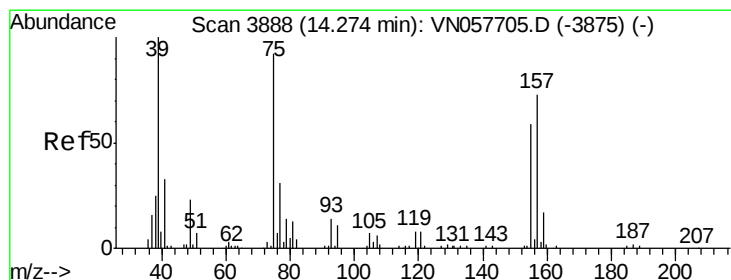
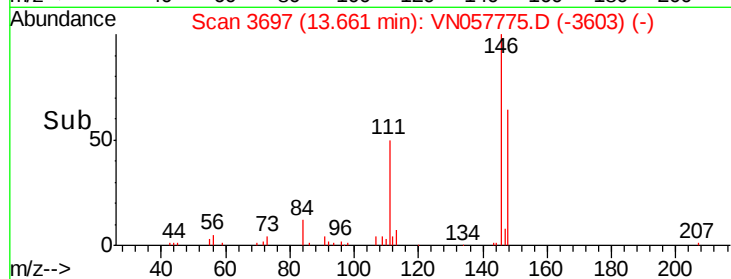
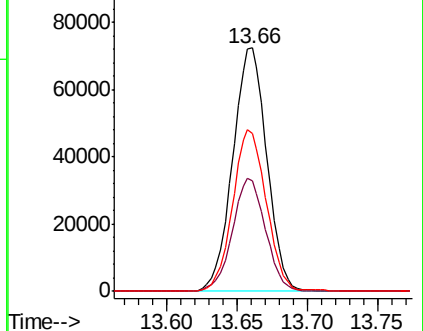
148 65.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.324 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057775.D

Acq: 8 Sep 2019 00:17

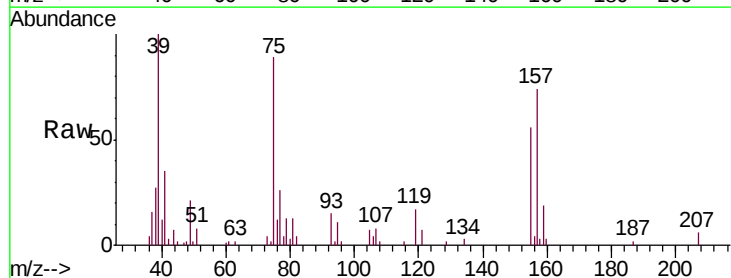
Tgt Ion: 75 Resp: 16254

Ion Ratio Lower Upper

75 100

155 67.1 30.1 90.5

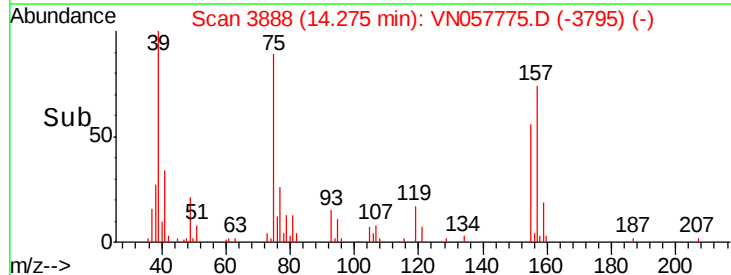
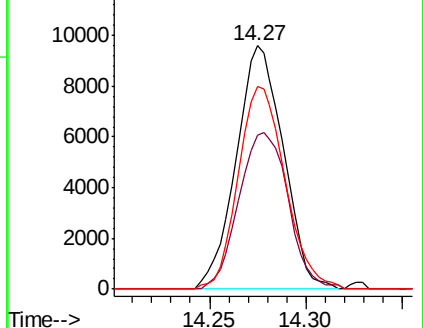
157 83.0 38.1 114.5

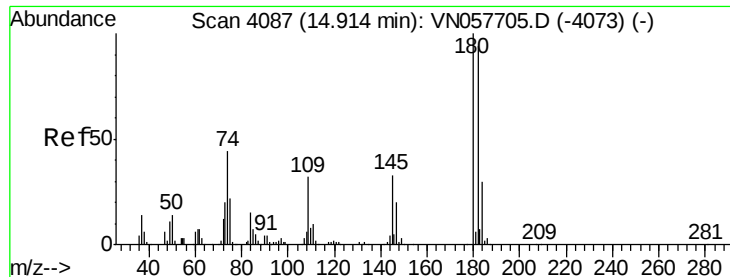


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

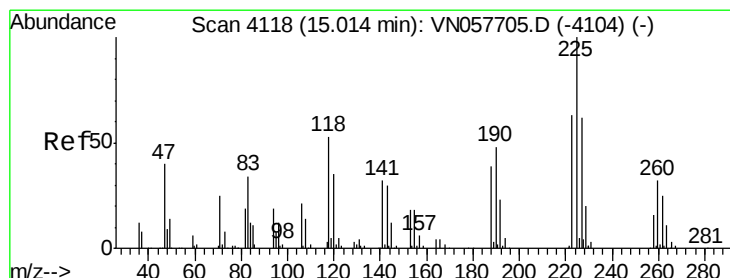
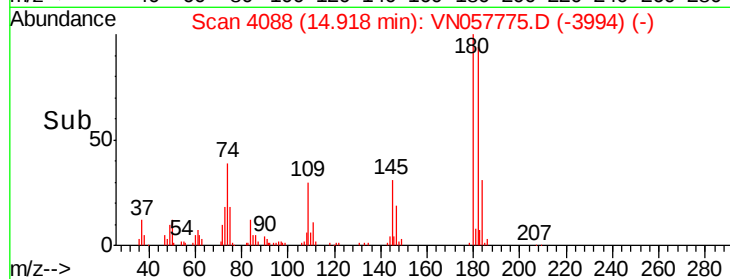
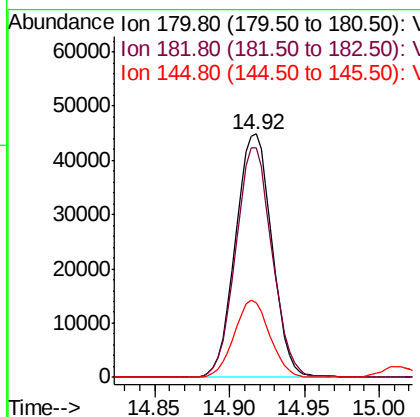
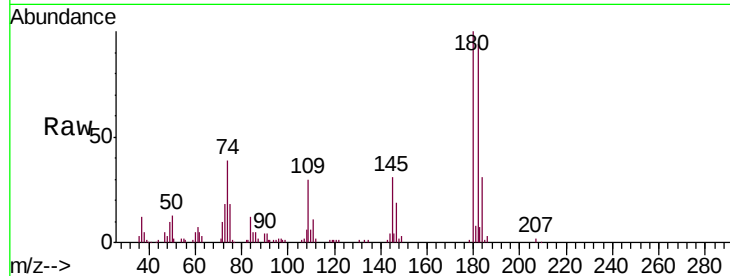




#93
 1,2,4-Trichlorobenzene
 Concen: 21.173 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

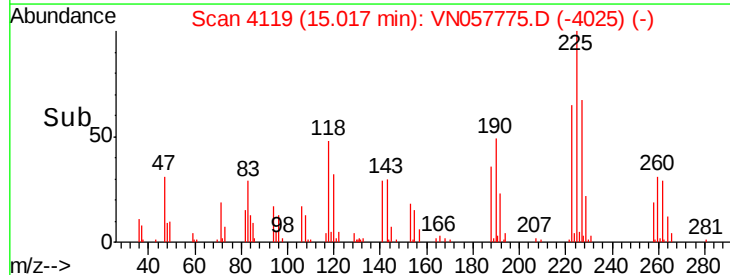
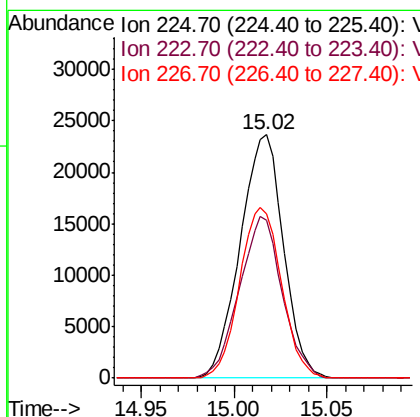
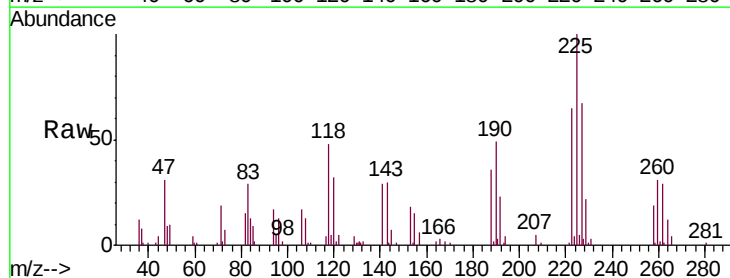
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBS02

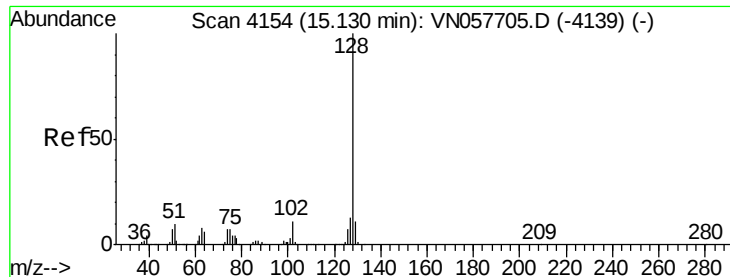
Tgt Ion:180 Resp: 76053
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.6 142.9
 145 31.0 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 21.863 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN057775.D
 Acq: 8 Sep 2019 00:17

Tgt Ion:225 Resp: 38278
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.6 95.0
 227 67.7 31.7 95.1

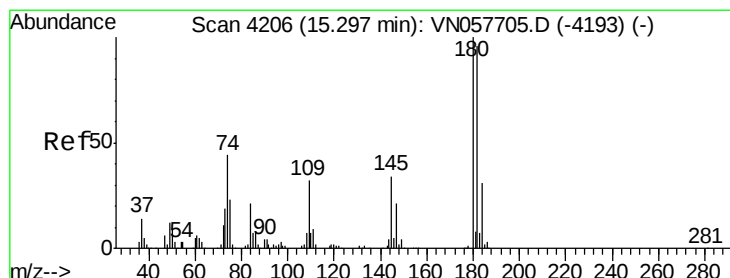
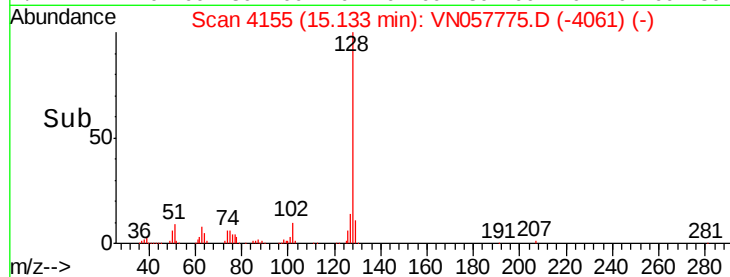
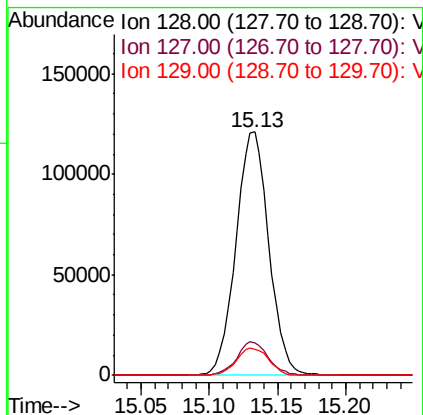
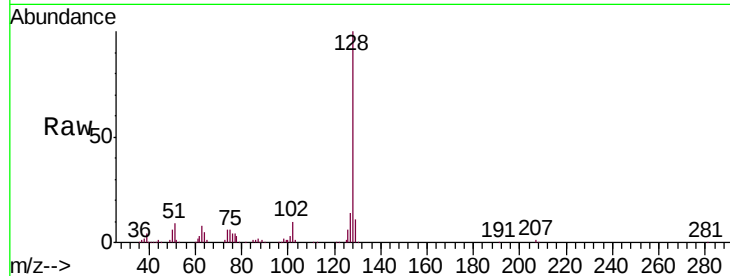




#95
Naphthalene
Concen: 19.432 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBS02

Tgt Ion:128 Resp: 202490
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 21.097 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057775.D
Acq: 8 Sep 2019 00:17

Tgt Ion:180 Resp: 72636
Ion Ratio Lower Upper
180 100
182 93.0 47.0 141.2
145 32.1 17.5 52.6

