

Data File : VN057057.D
Acq On : 2 Aug 2019 11:36
Operator : JC/SP
Sample : VN0802WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Quant Time: Aug 03 04:21:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	453705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	667245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	580765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220689	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	232722	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.58	113	212367	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	10.08	98	787953	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.40	95	242129	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	93554	20.397 ug/l	99
3) Chloromethane	2.05	50	102459	18.655 ug/l	99
4) Vinyl Chloride	2.18	62	96053	18.651 ug/l	100
5) Bromomethane	2.55	94	59316	18.527 ug/l	95
6) Chloroethane	2.69	64	53381	18.803 ug/l	98
7) Trichlorofluoromethane	3.00	101	137302	20.367 ug/l	96
8) Diethyl Ether	3.40	74	50663	20.080 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	83233	19.914 ug/l	98
10) Methyl Iodide	3.94	142	106044	18.987 ug/l	100
11) Tert butyl alcohol	4.77	59	67516	107.550 ug/l #	87
12) 1,1-Dichloroethene	3.72	96	78794	19.758 ug/l	94
13) Acrolein	3.60	56	25430	77.235 ug/l	96
14) Allyl chloride	4.31	41	124459	19.185 ug/l	99
15) Acrylonitrile	4.97	53	186689	101.409 ug/l	100
16) Acetone	3.81	43	156523	93.028 ug/l	96
17) Carbon Disulfide	4.04	76	183257	17.293 ug/l	99
18) Methyl Acetate	4.31	43	103247	19.236 ug/l	98
19) Methyl tert-butyl Ether	5.03	73	245524	20.647 ug/l	97
20) Methylene Chloride	4.54	84	94141	19.424 ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	82530	19.486 ug/l	98
22) Diisopropyl ether	5.94	45	268244	20.069 ug/l	95
23) Vinyl Acetate	5.88	43	903421	97.553 ug/l	99
24) 1,1-Dichloroethane	5.83	63	156638	19.863 ug/l	99
25) 2-Butanone	6.82	43	232374	97.398 ug/l	97
26) 2,2-Dichloropropane	6.81	77	122620	20.449 ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	99523	19.867 ug/l	99
28) Bromochloromethane	7.18	49	76701	20.692 ug/l	97
29) Tetrahydrofuran	7.20	42	150701	96.813 ug/l	98
30) Chloroform	7.36	83	163086	20.226 ug/l	98
31) Cyclohexane	7.64	56	138436	18.141 ug/l	94
32) 1,1,1-Trichloroethane	7.56	97	133691	20.781 ug/l	98
36) 1,1-Dichloropropene	7.78	75	114746	19.544 ug/l	99
37) Ethyl Acetate	6.92	43	91984	19.561 ug/l	99
38) Carbon Tetrachloride	7.76	117	114284	20.578 ug/l	98

Data File : VN057057.D
Acq On : 2 Aug 2019 11:36
Operator : JC/SP
Sample : VN0802WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Quant Time: Aug 03 04:21:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	135635	18.075	ug/l	98
40) Benzene	8.03	78	358656	19.833	ug/l	97
41) Methacrylonitrile	7.20	41	138322	63.630	ug/l #	12
42) 1,2-Dichloroethane	8.11	62	117176	20.675	ug/l	100
43) Isopropyl Acetate	8.16	43	154092	19.826	ug/l	99
44) Trichloroethene	8.82	130	100503	20.173	ug/l	100
45) 1,2-Dichloropropane	9.11	63	95335	19.710	ug/l	97
46) Dibromomethane	9.20	93	60961	20.898	ug/l	98
47) Bromodichloromethane	9.39	83	116866	20.377	ug/l	100
48) Methyl methacrylate	9.19	41	74904	19.962	ug/l	98
49) 1,4-Dioxane	9.19	88	32688	422.712	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	462561	100.165	ug/l	100
52) Toluene	10.15	92	221548	20.391	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	117511	19.745	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	139611	20.175	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	88519	20.316	ug/l	98
56) Ethyl methacrylate	10.42	69	118019	19.065	ug/l	100
57) 1,3-Dichloropropane	10.70	76	145518	20.140	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	194697	74.567	ug/l	98
59) 2-Hexanone	10.74	43	322831	92.370	ug/l	100
60) Dibromochloromethane	10.90	129	92377	20.694	ug/l	97
61) 1,2-Dibromoethane	11.00	107	89966	21.158	ug/l	100
64) Tetrachloroethene	10.63	164	105238	21.028	ug/l	99
65) Chlorobenzene	11.43	112	237996	20.106	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	92075	20.667	ug/l	99
67) Ethyl Benzene	11.51	91	400892	19.596	ug/l	99
68) m/p-Xylenes	11.62	106	306002	40.530	ug/l	99
69) o-Xylene	11.94	106	149090	20.184	ug/l	100
70) Styrene	11.96	104	239580	19.532	ug/l	99
71) Bromoform	12.12	173	63026	20.263	ug/l #	98
73) Isopropylbenzene	12.25	105	396228	20.774	ug/l	99
74) N-amyl acetate	12.07	43	112195	20.259	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	110529	21.470	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	131927	29.436	ug/l #	100
77) Bromobenzene	12.52	156	101735	20.437	ug/l	98
78) n-propylbenzene	12.59	91	411812	20.222	ug/l	99
79) 2-Chlorotoluene	12.67	91	255823	20.401	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	338353	21.615	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28785	20.636	ug/l	94
82) 4-Chlorotoluene	12.77	91	236582	20.160	ug/l	100
83) tert-Butylbenzene	12.99	119	296102	21.368	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	314759	20.897	ug/l	99
85) sec-Butylbenzene	13.17	105	367547	20.563	ug/l	99
86) p-Isopropyltoluene	13.29	119	327614	20.645	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	151274	19.978	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	140532	19.279	ug/l	98
89) n-Butylbenzene	13.61	91	230460	18.843	ug/l	100
90) Hexachloroethane	13.87	117	56075	20.521	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	153604	20.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16461	21.699	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080219\
Quantitation Report (Not Reviewed)

Data File : VN057057.D
Acq On : 2 Aug 2019 11:36
Operator : JC/SP
Sample : VN0802WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Quant Time: Aug 03 04:21:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48246	14.580	ug/l	98
94) Hexachlorobutadiene	15.00	225	61815	21.879	ug/l	98
95) Naphthalene	15.12	128	115834	15.055	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	55959	15.863	ug/l	98

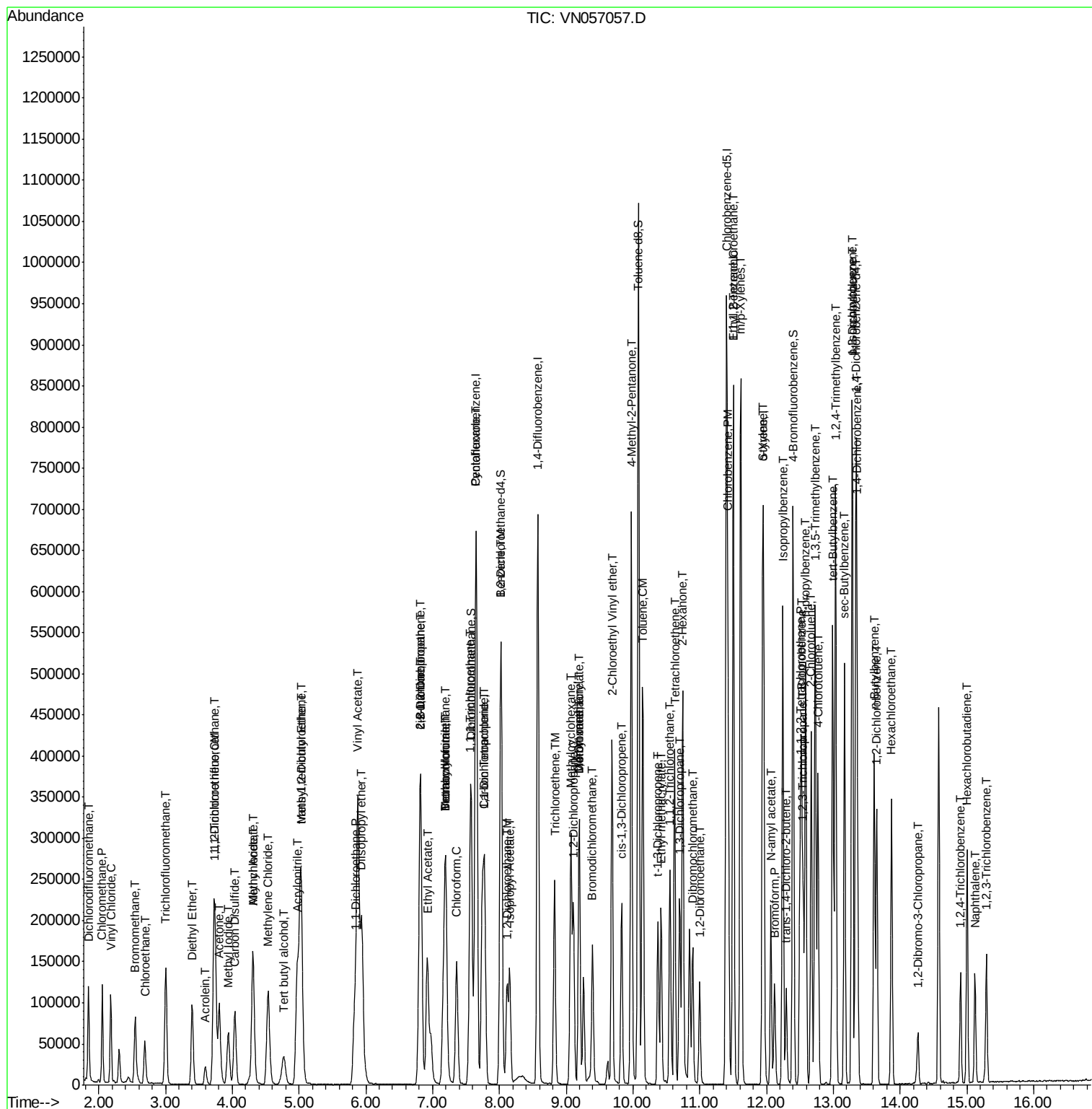
(#) = qualifier out of range (m) = manual integration (+) = signals summed

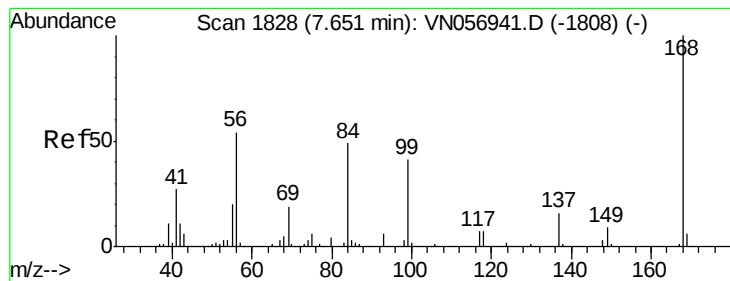
Data File : VN057057.D

```
Acq On       : 2 Aug 2019 11:36
Operator     : JC/SP
Sample       : VN0802WBS01
Misc         : 5.00mL/MSV0A_N/WATER
ALS Vial     : 8      Sample Multiplier: 1
```

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Quant Time: Aug 03 04:21:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

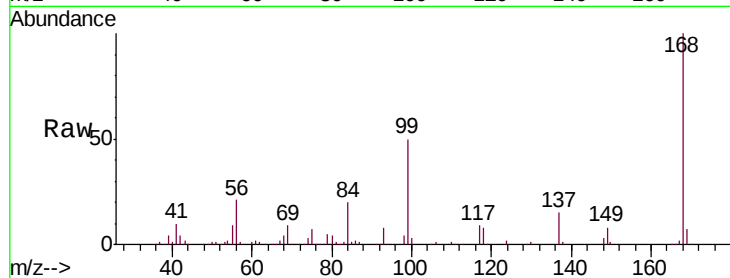
VN0802WBS01

Tgt Ion:168 Resp: 453705

Ion Ratio Lower Upper

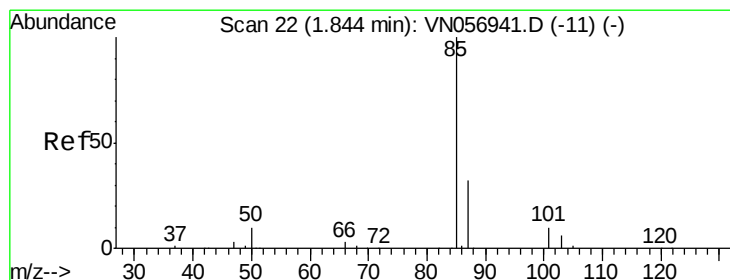
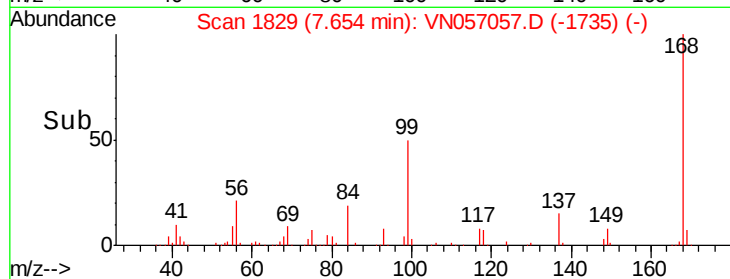
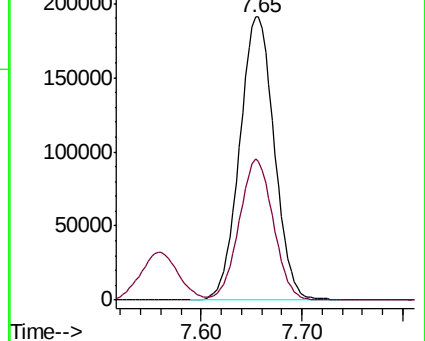
168 100

99 49.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.397 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057057.D

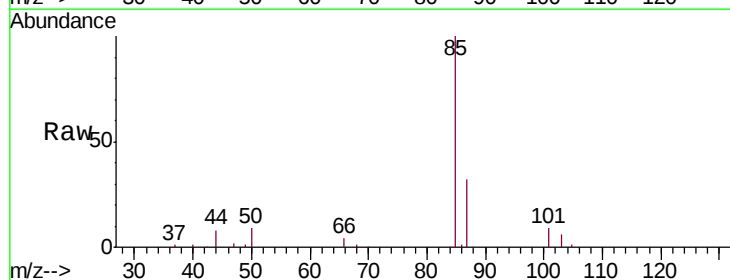
Acq: 2 Aug 2019 11:36

Tgt Ion: 85 Resp: 93554

Ion Ratio Lower Upper

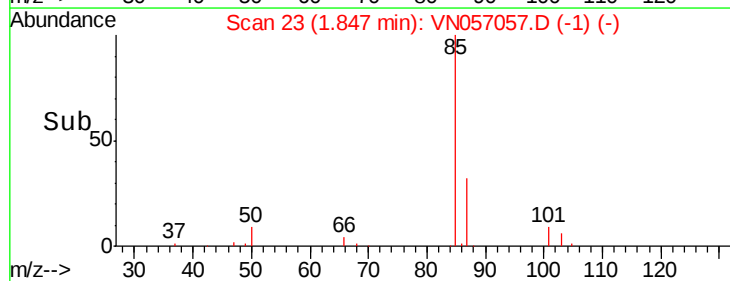
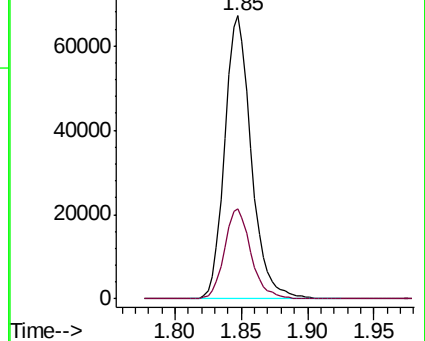
85 100

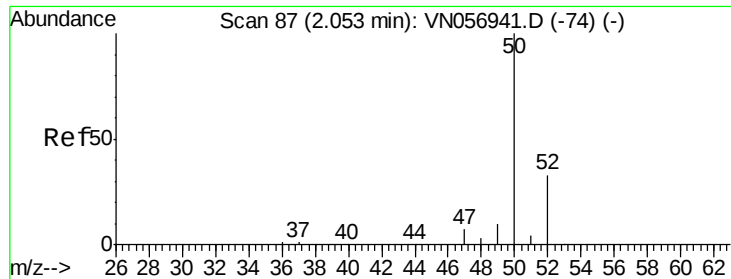
87 31.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.655 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

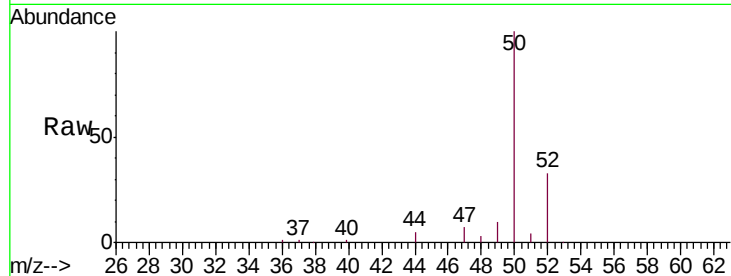
VN0802WBS01

Tgt Ion: 50 Resp: 102459

Ion Ratio Lower Upper

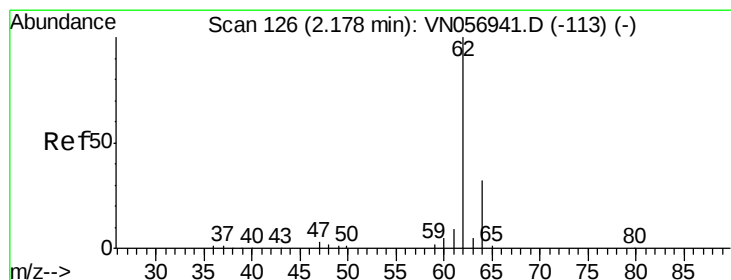
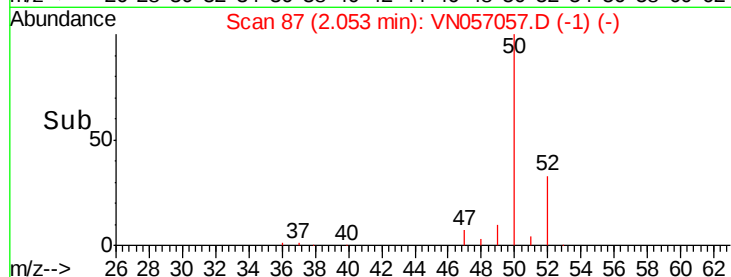
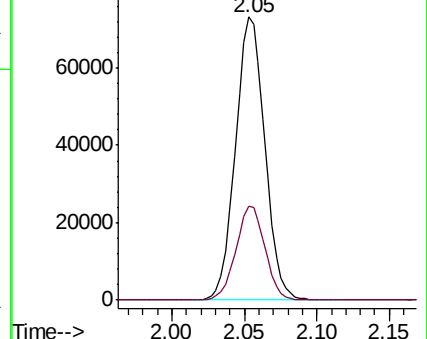
50 100

52 33.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.651 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057057.D

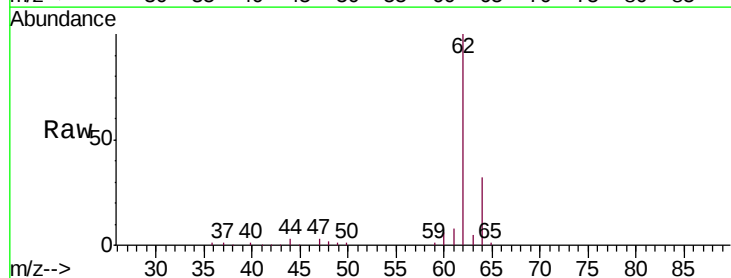
Acq: 2 Aug 2019 11:36

Tgt Ion: 62 Resp: 96053

Ion Ratio Lower Upper

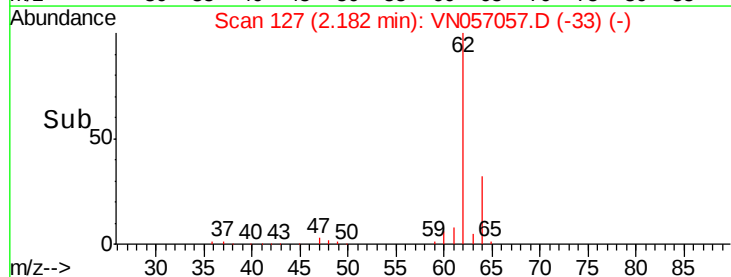
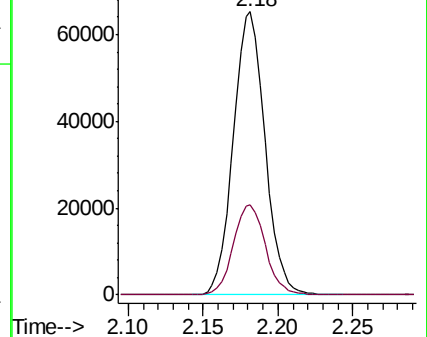
62 100

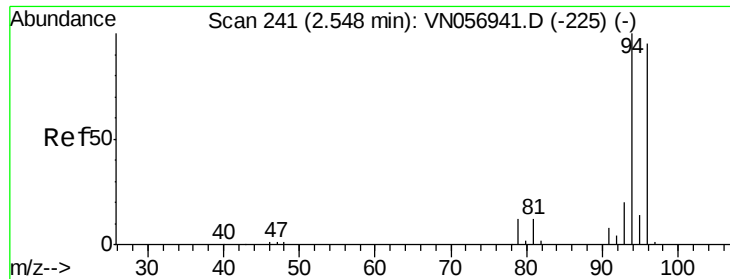
64 31.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 18.527 ug/l

RT: 2.55 min Scan# 241

Delta R.T. -0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

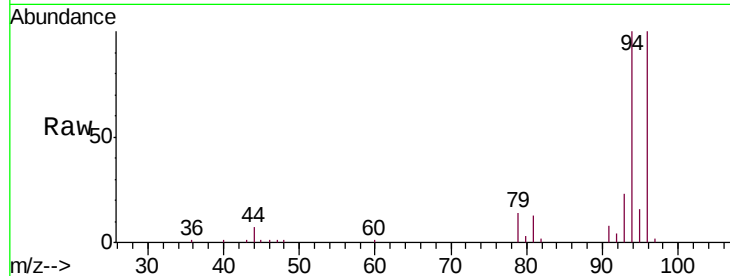
VN0802WBS01

Tgt Ion: 94 Resp: 59316

Ion Ratio Lower Upper

94 100

96 99.9 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

30000

25000

20000

15000

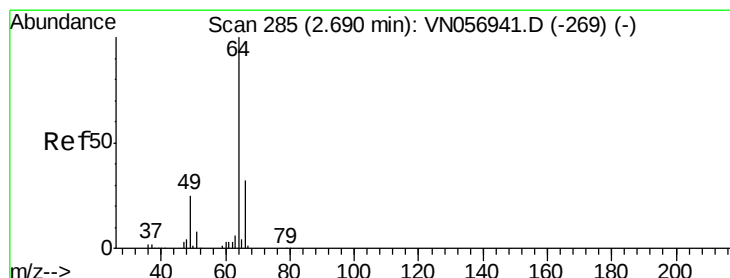
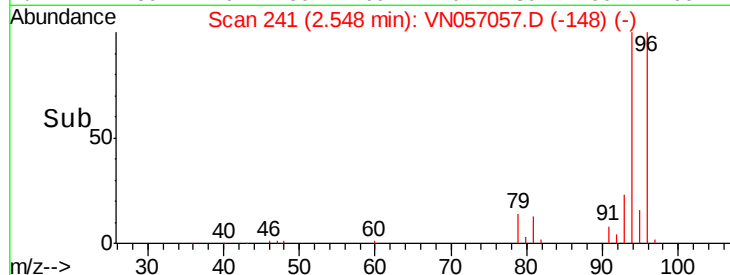
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.803 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.00 min

Lab File: VN057057.D

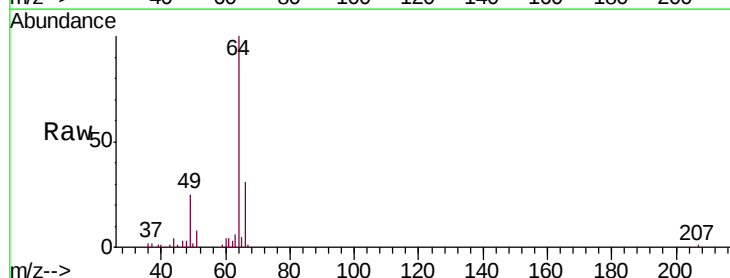
Acq: 2 Aug 2019 11:36

Tgt Ion: 64 Resp: 53381

Ion Ratio Lower Upper

64 100

66 31.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

30000

25000

20000

15000

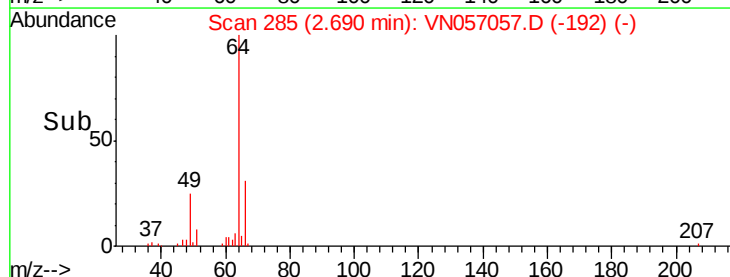
10000

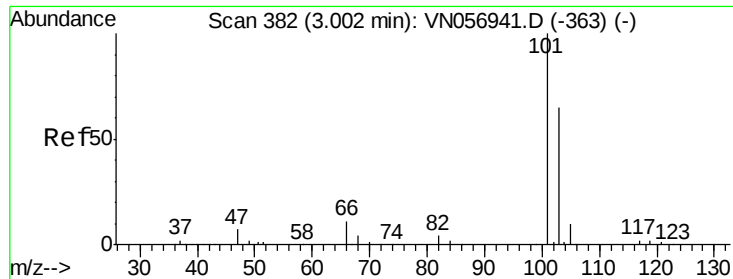
5000

0

Time-->

2.60 2.65 2.70 2.75 2.80



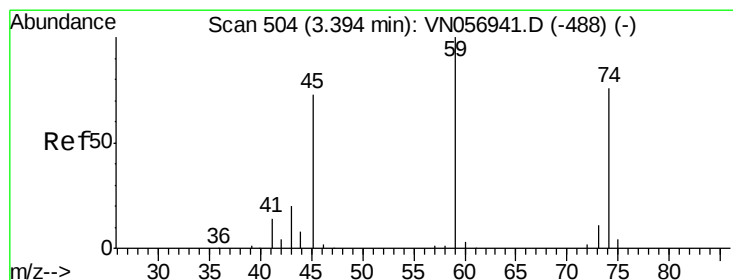
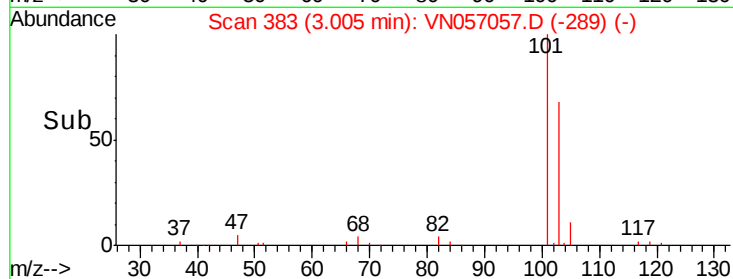
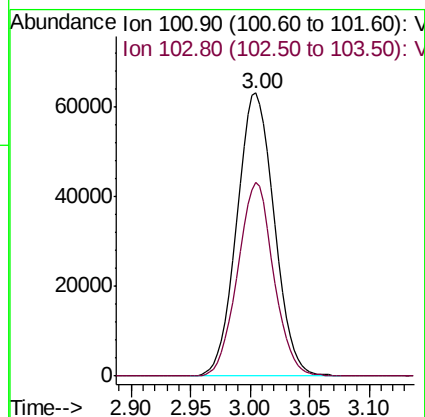
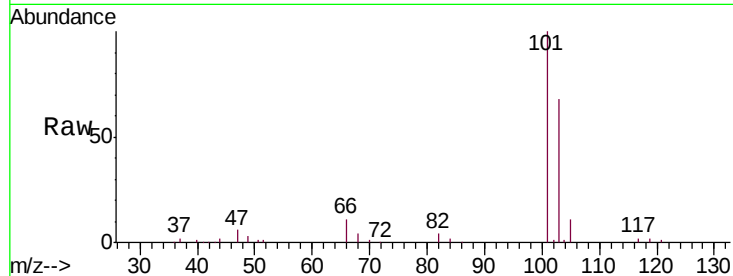


#7

Trichlorofluoromethane
 Concen: 20.367 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

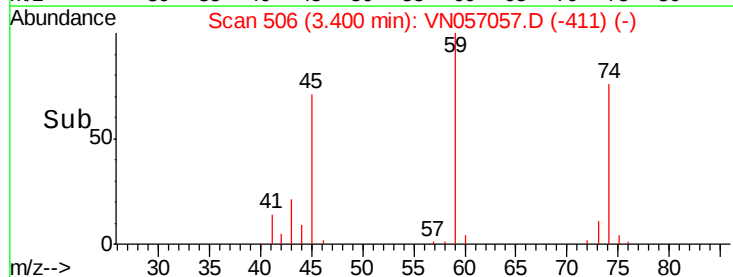
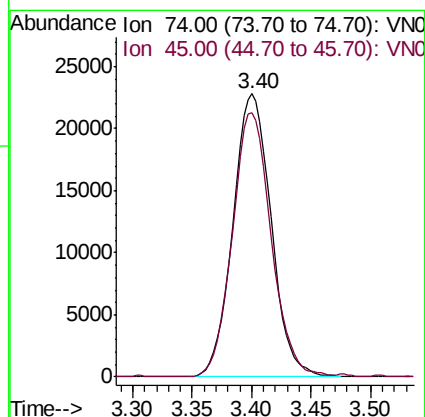
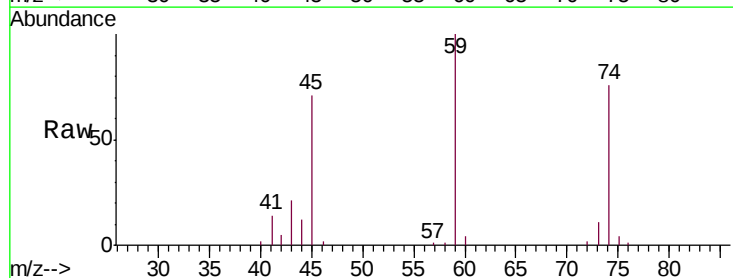
Tgt Ion:101 Resp: 137302
 Ion Ratio Lower Upper
 101 100
 103 68.3 52.1 78.1

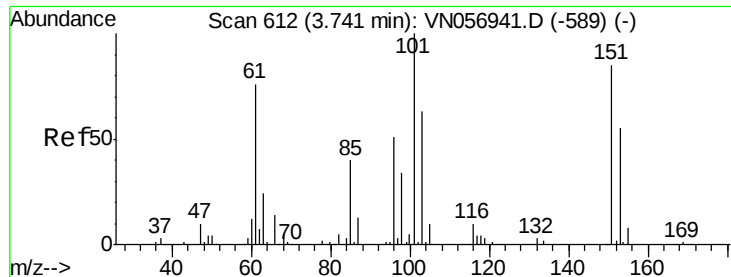


#8

Diethyl Ether
 Concen: 20.080 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. 0.01 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion: 74 Resp: 50663
 Ion Ratio Lower Upper
 74 100
 45 95.0 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.914 ug/l

RT: 3.75 min Scan# 614

Delta R.T. 0.01 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

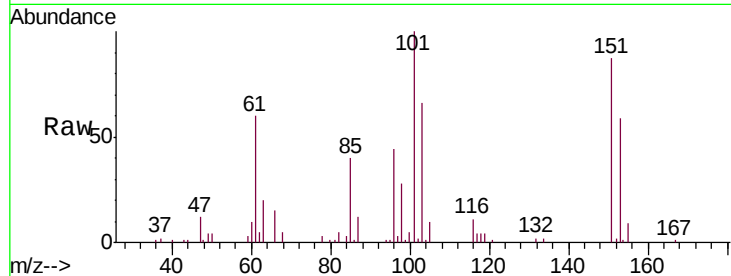
Tgt Ion:101 Resp: 83233

Ion Ratio Lower Upper

101 100

85 40.2 32.3 48.5

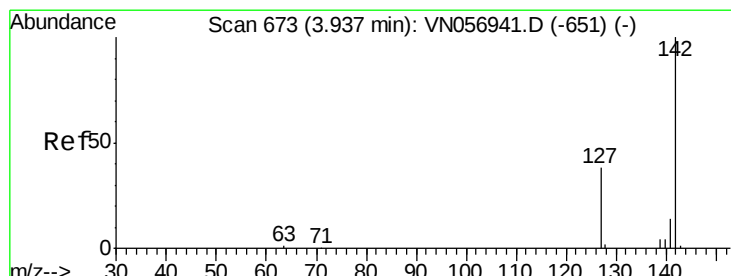
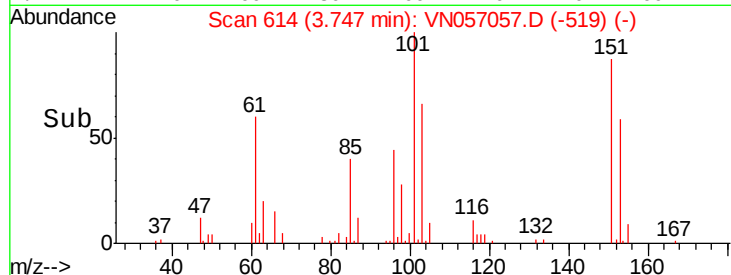
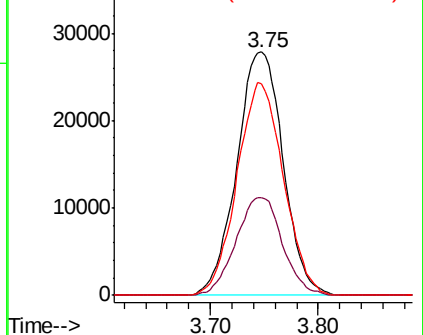
151 87.4 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.987 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

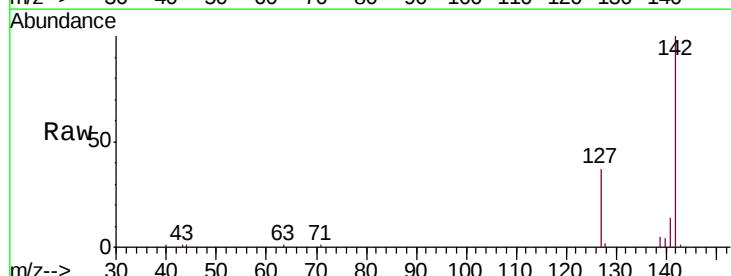
Tgt Ion:142 Resp: 106044

Ion Ratio Lower Upper

142 100

127 38.0 30.4 45.6

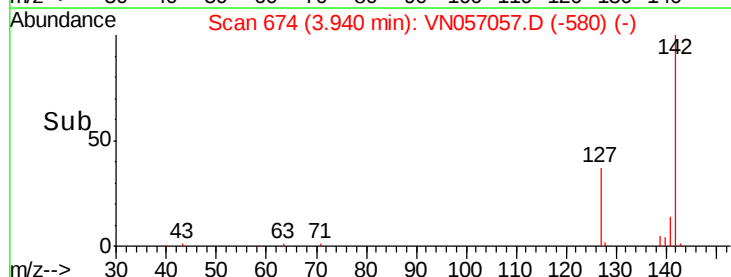
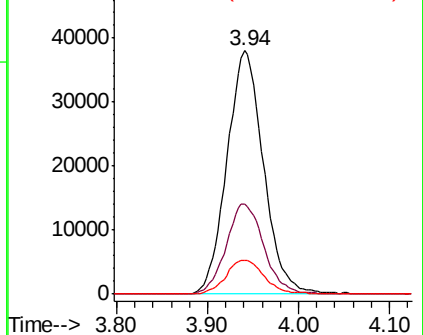
141 14.5 11.1 16.7

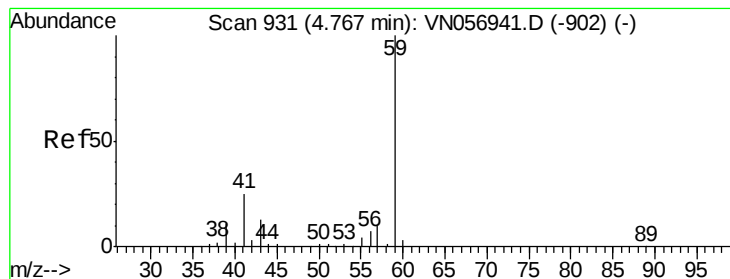


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



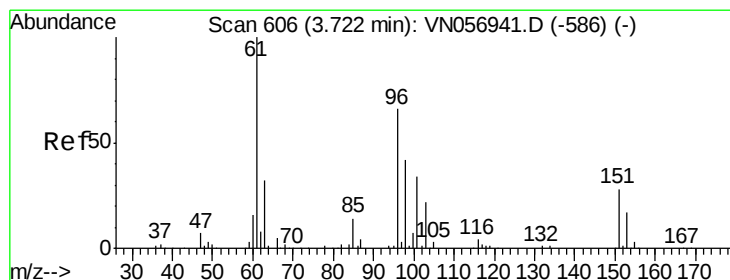
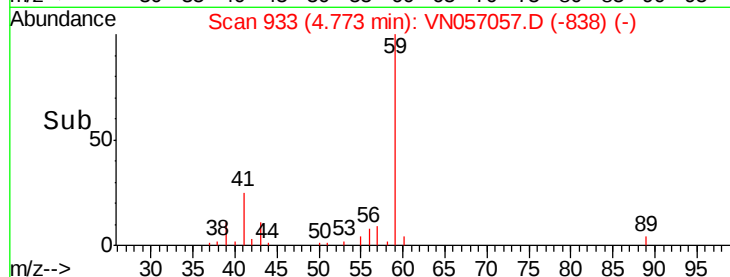
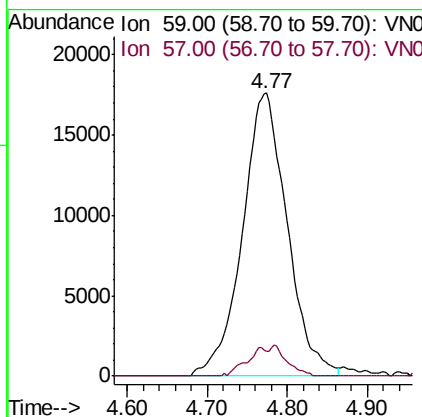
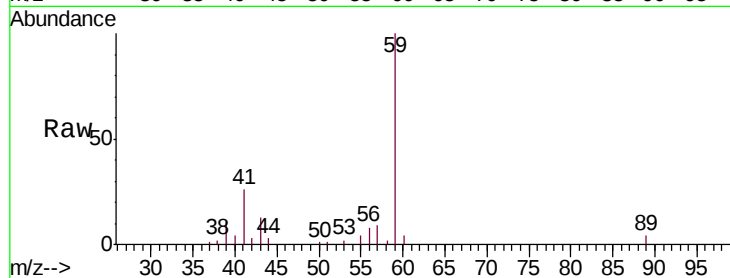


#11

Tert butyl alcohol
 Concen: 107.550 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

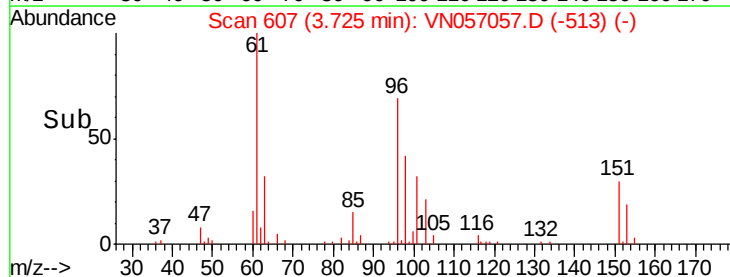
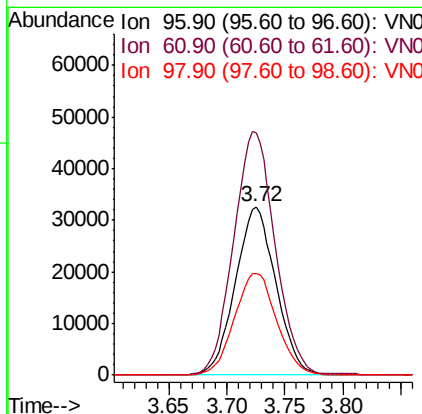
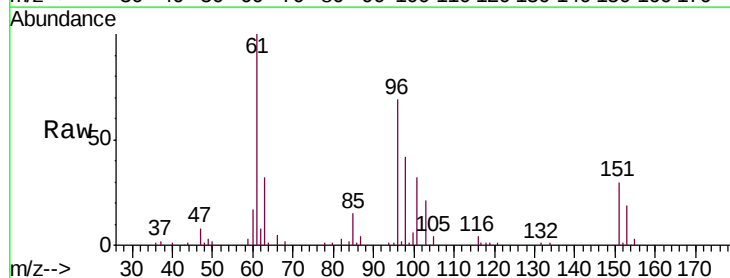
Tgt Ion: 59 Resp: 67516
 Ion Ratio Lower Upper
 59 100
 57 4.5 7.5 11.3#

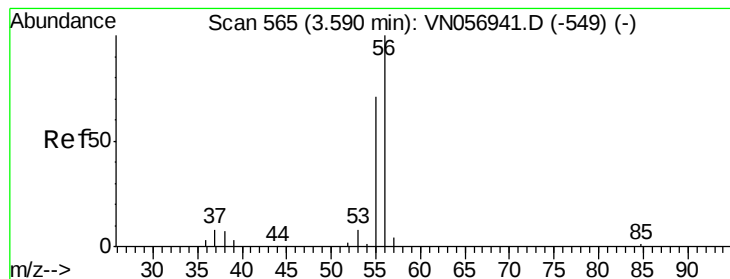


#12

1,1-Dichloroethene
 Concen: 19.758 ug/l
 RT: 3.72 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion: 96 Resp: 78794
 Ion Ratio Lower Upper
 96 100
 61 144.1 121.8 182.8
 98 60.5 51.7 77.5





#13

Acrolein

Concen: 77.235 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.01 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

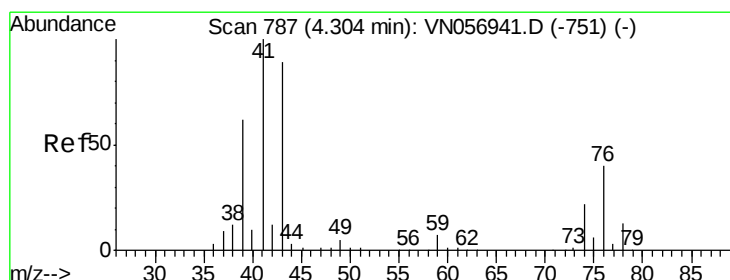
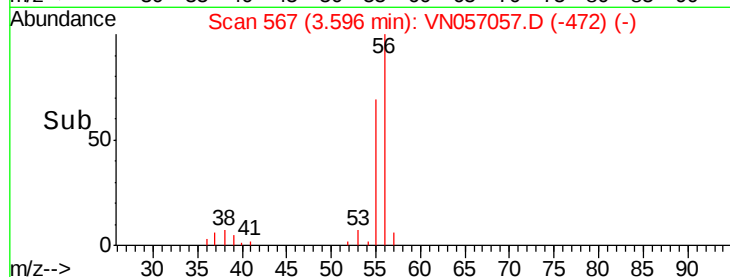
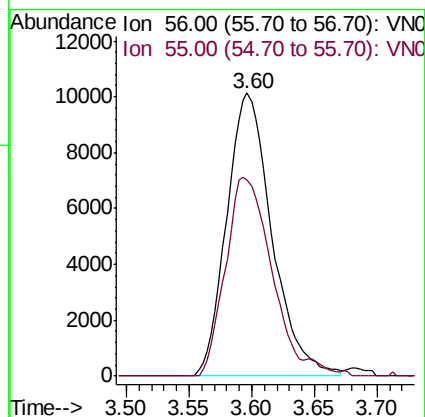
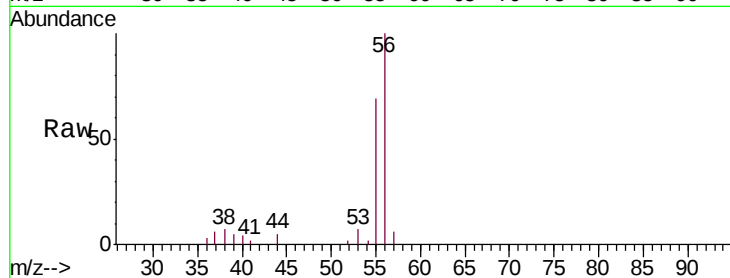
VN0802WBS01

Tgt Ion: 56 Resp: 25430

Ion Ratio Lower Upper

56 100

55 72.7 55.8 83.6



#14

Allyl chloride

Concen: 19.185 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

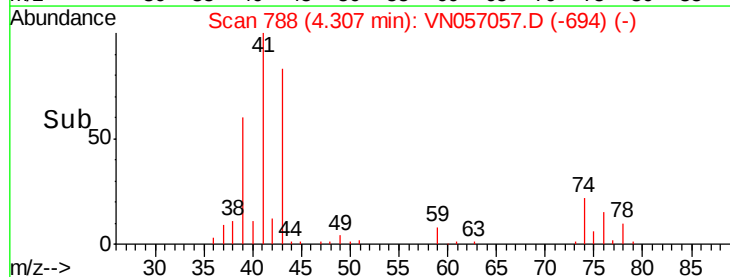
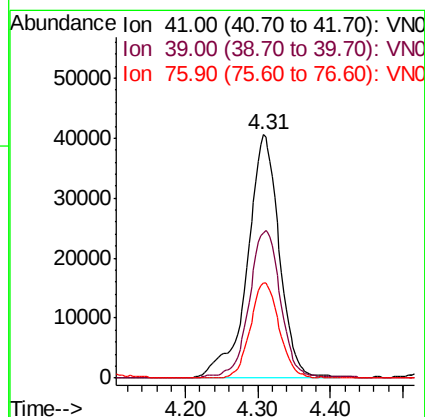
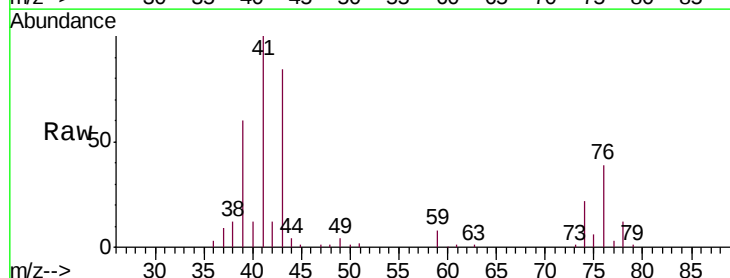
Tgt Ion: 41 Resp: 124459

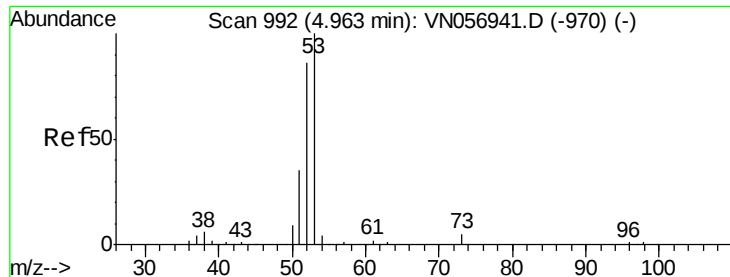
Ion Ratio Lower Upper

41 100

39 59.5 46.4 69.6

76 35.3 28.4 42.6





#15

Acrylonitrile

Concen: 101.409 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

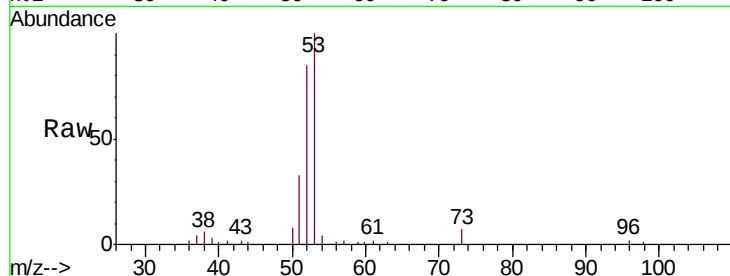
Tgt Ion: 53 Resp: 186689

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

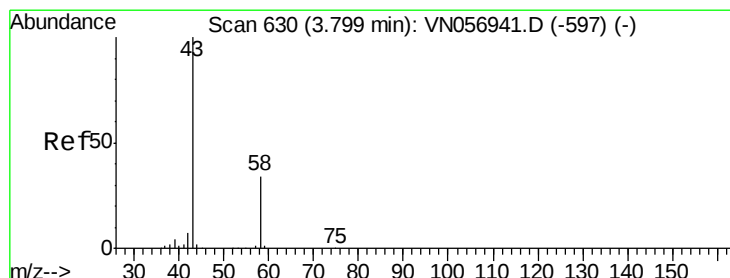
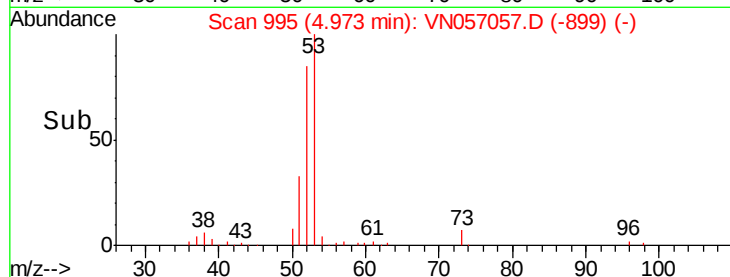
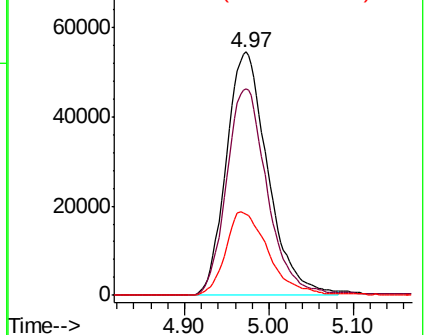
51 35.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 93.028 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057057.D

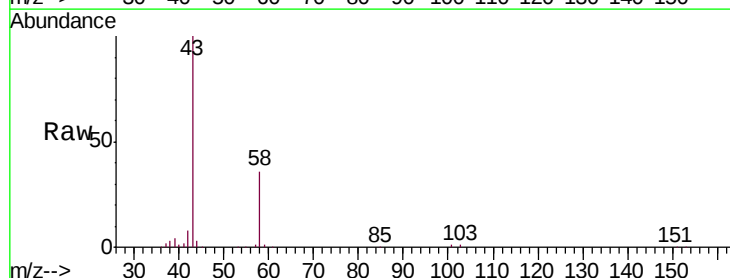
Acq: 2 Aug 2019 11:36

Tgt Ion: 43 Resp: 156523

Ion Ratio Lower Upper

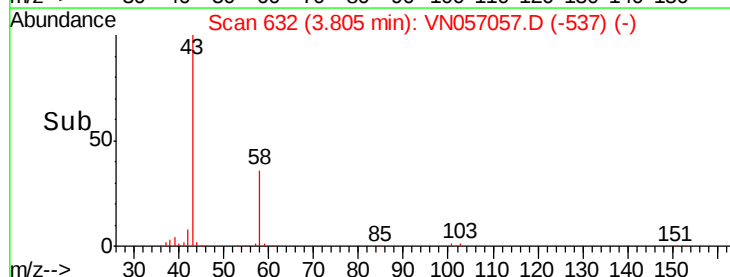
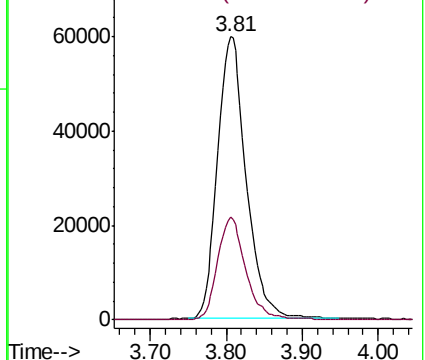
43 100

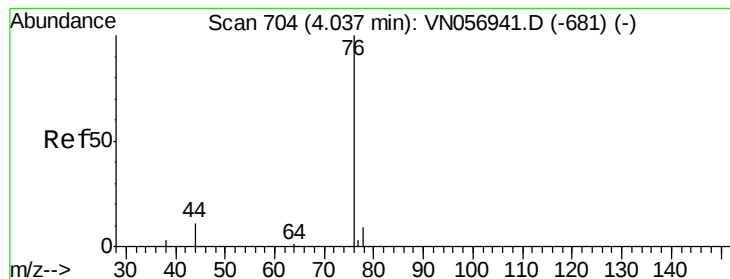
58 36.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.293 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

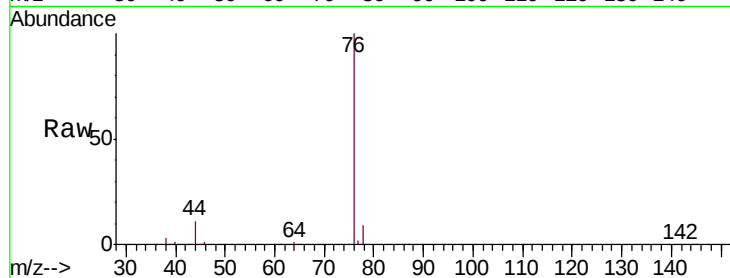
VN0802WBS01

Tgt Ion: 76 Resp: 183257

Ion Ratio Lower Upper

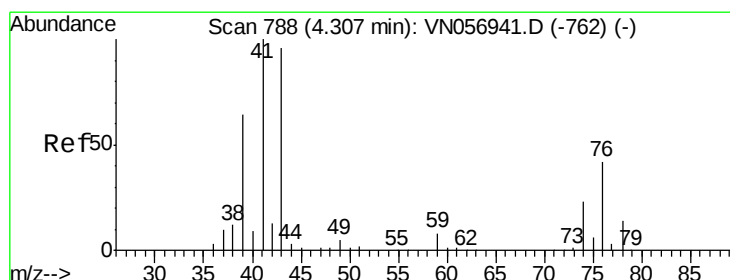
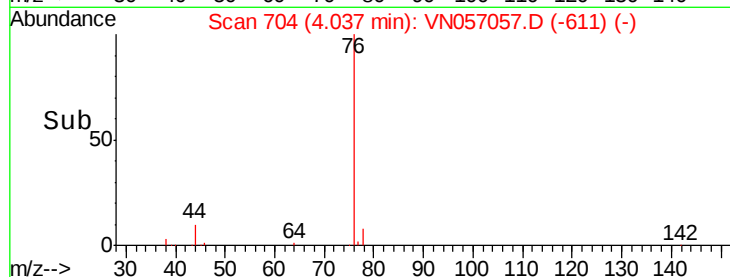
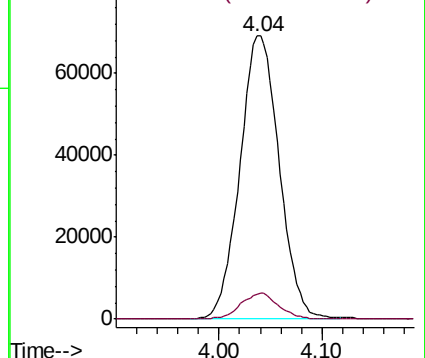
76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN056941.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN056941.D (-681) (-)



#18

Methyl Acetate

Concen: 19.236 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN057057.D

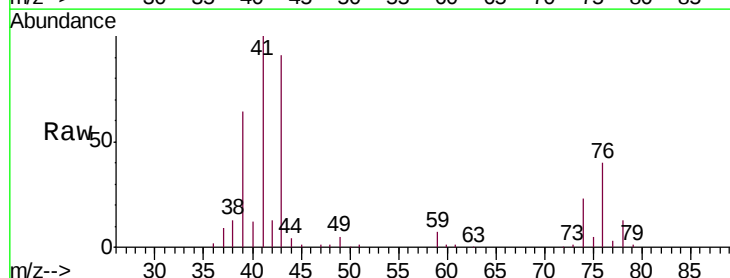
Acq: 2 Aug 2019 11:36

Tgt Ion: 43 Resp: 103247

Ion Ratio Lower Upper

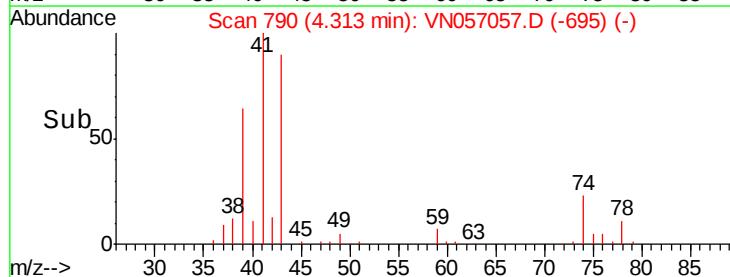
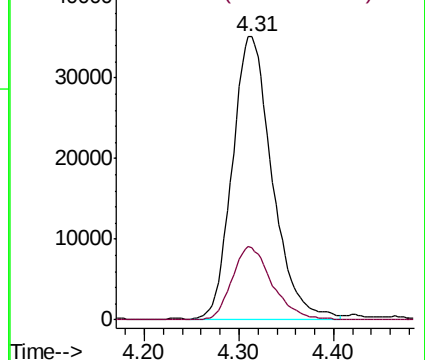
43 100

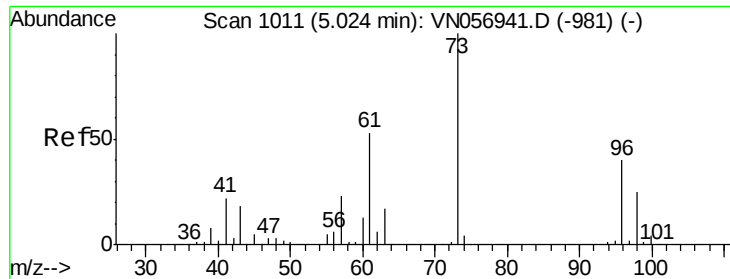
74 25.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-762) (-)

Ion 74.00 (73.70 to 74.70): VN056941.D (-762) (-)

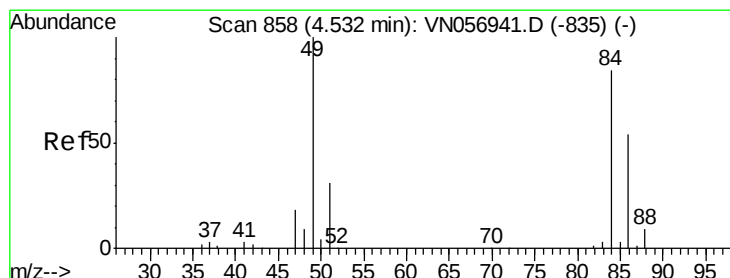
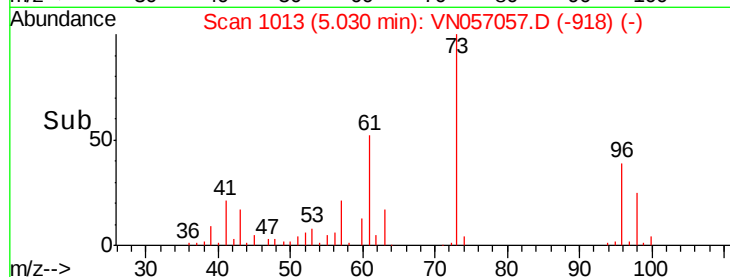
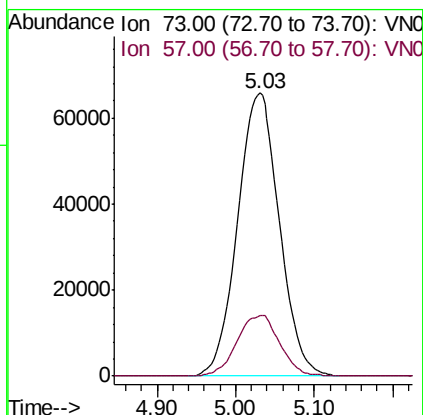
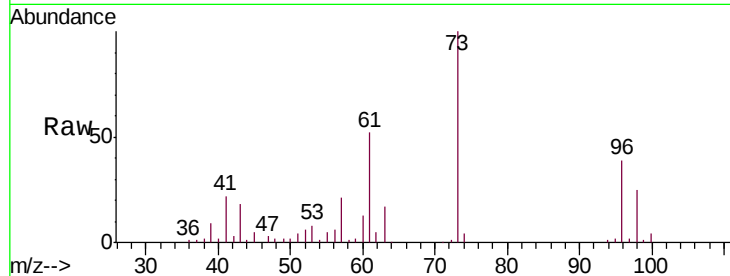




#19
Methyl tert-butyl Ether
Concen: 20.647 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

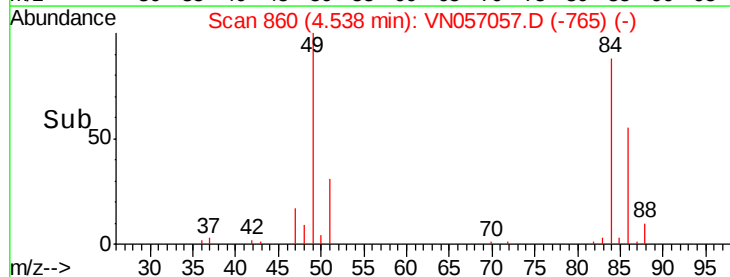
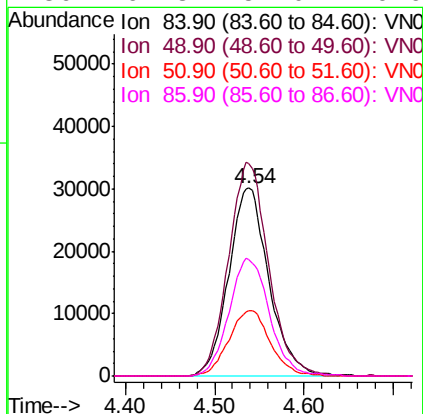
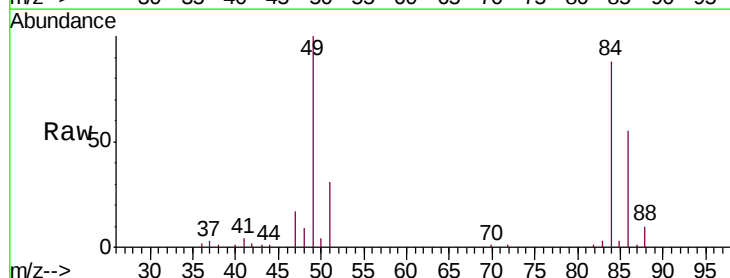
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

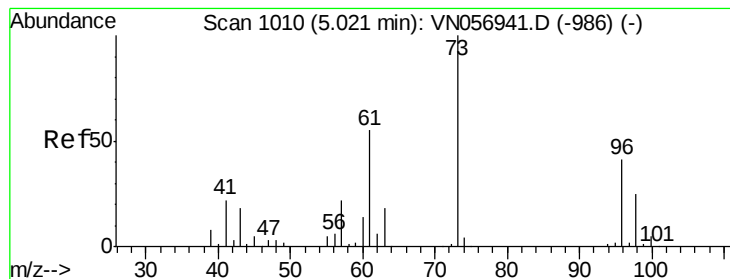
Tgt Ion: 73 Resp: 24524
Ion Ratio Lower Upper
73 100
57 21.4 18.3 27.5



#20
Methylene Chloride
Concen: 19.424 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion: 84 Resp: 94141
Ion Ratio Lower Upper
84 100
49 113.0 95.2 142.8
51 34.9 29.7 44.5
86 62.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.486 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

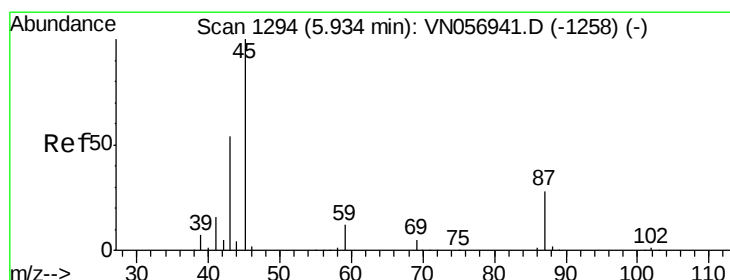
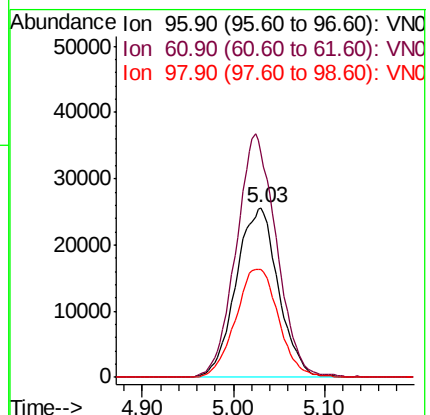
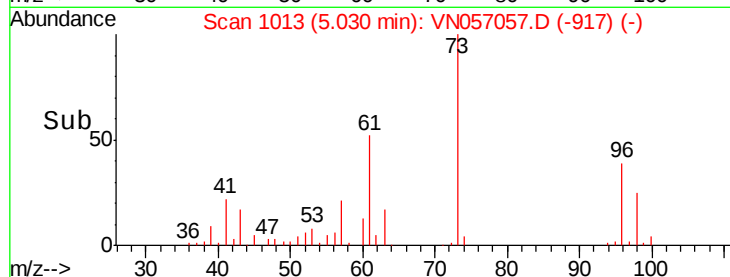
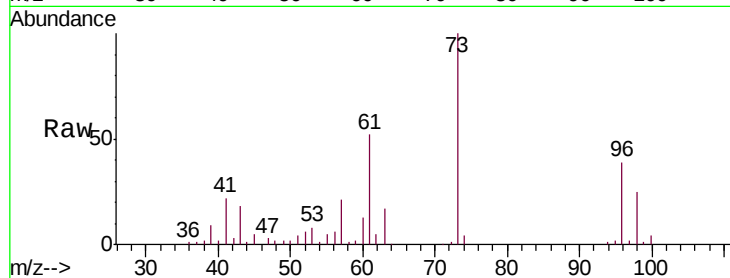
Tgt Ion: 96 Resp: 82530

Ion Ratio Lower Upper

96 100

61 132.3 107.5 161.3

98 63.7 49.9 74.9



#22

Diisopropyl ether

Concen: 20.069 ug/l

RT: 5.94 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Tgt Ion: 45 Resp: 268244

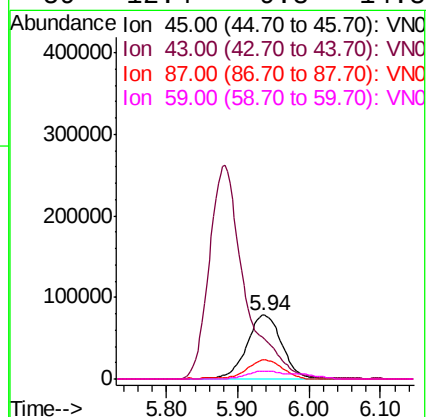
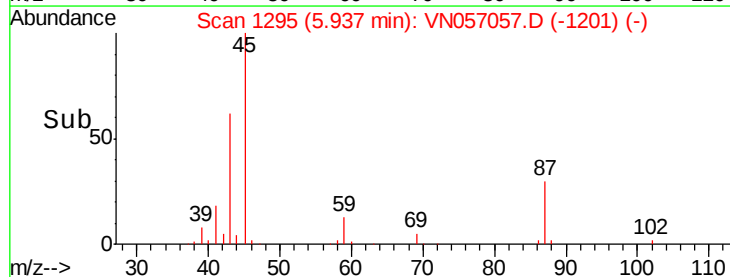
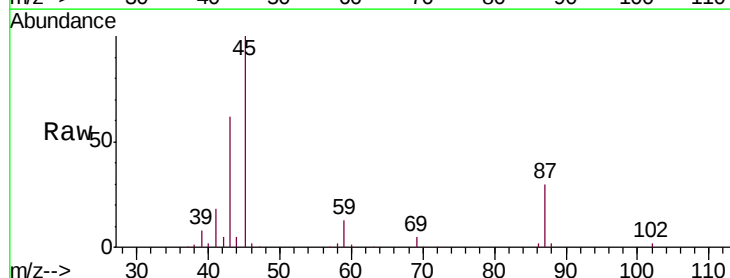
Ion Ratio Lower Upper

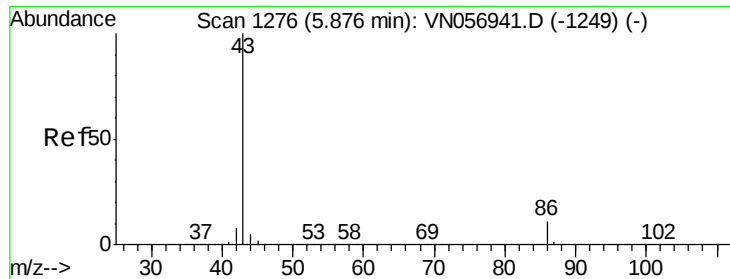
45 100

43 61.2 44.7 67.1

87 29.9 23.0 34.6

59 12.4 9.8 14.8

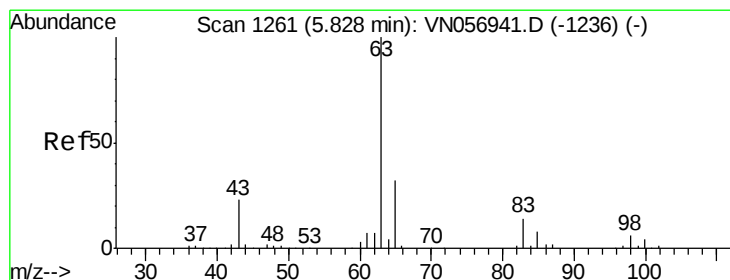
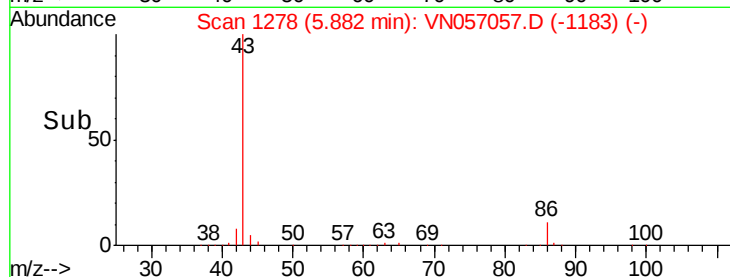
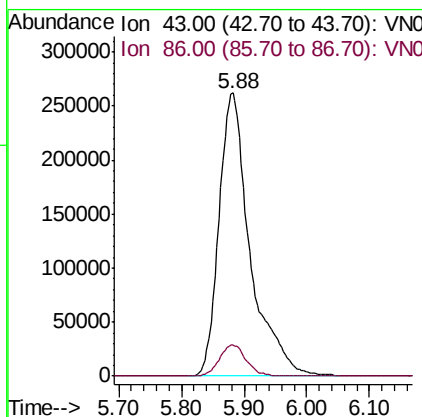
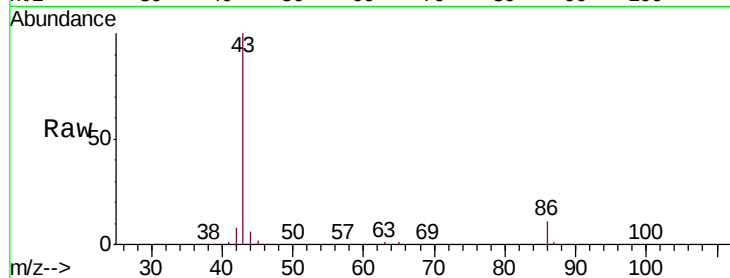




#23
 Vinyl Acetate
 Concen: 97.553 ug/l
 RT: 5.88 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

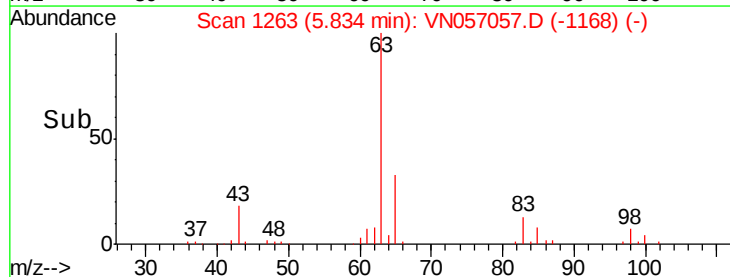
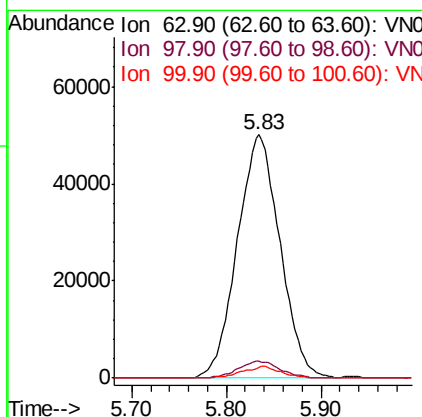
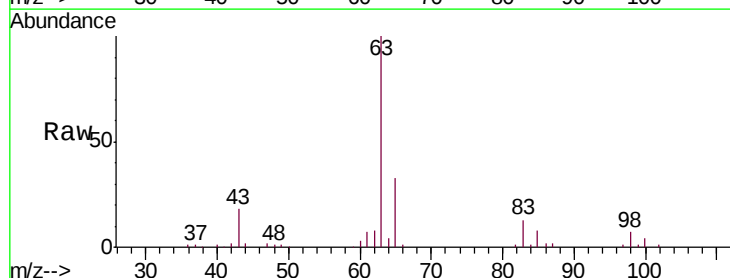
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

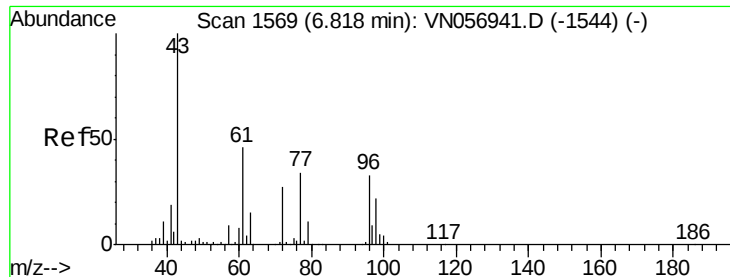
Tgt Ion: 43 Resp: 903421
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.863 ug/l
 RT: 5.83 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion: 63 Resp: 156638
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.2 9.6
 100 4.4 2.1 6.3

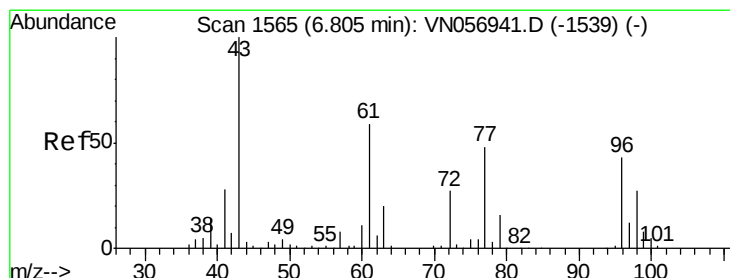
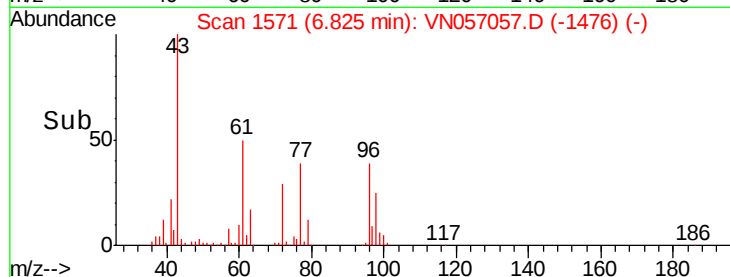
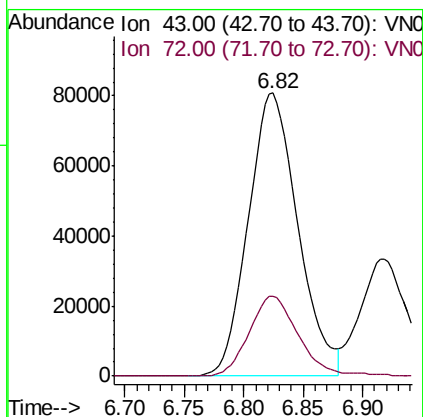
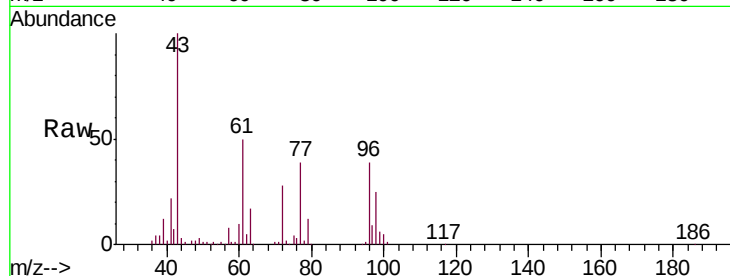




#25
2-Butanone
Concen: 97.398 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

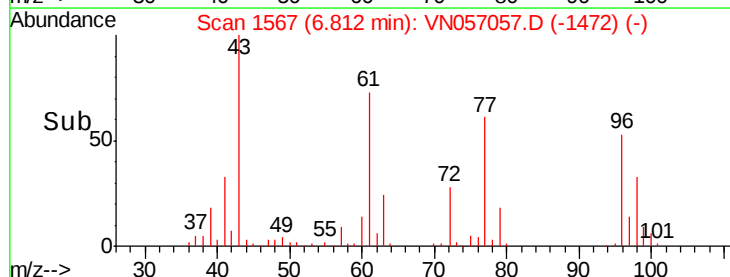
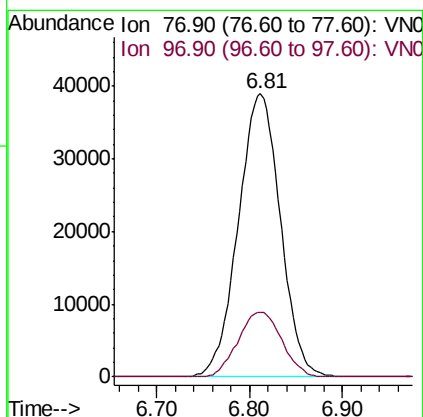
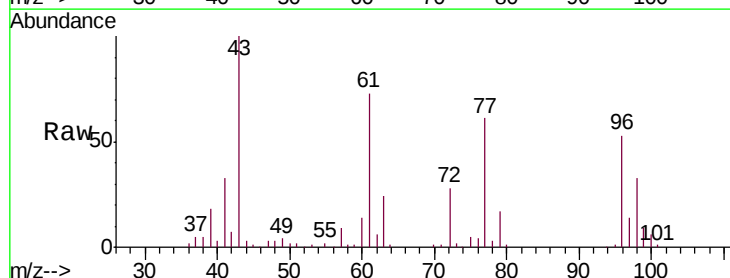
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

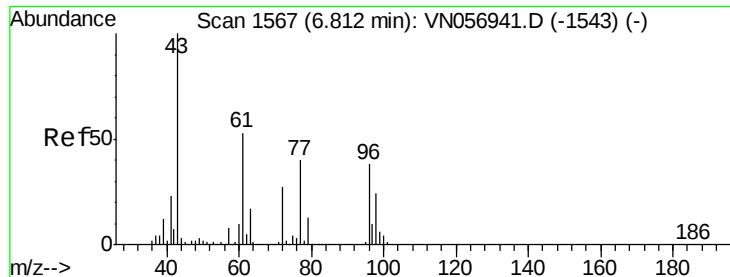
Tgt Ion: 43 Resp: 232374
Ion Ratio Lower Upper
43 100
72 28.5 21.5 32.3



#26
2,2-Dichloropropane
Concen: 20.449 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion: 77 Resp: 122620
Ion Ratio Lower Upper
77 100
97 23.7 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.867 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

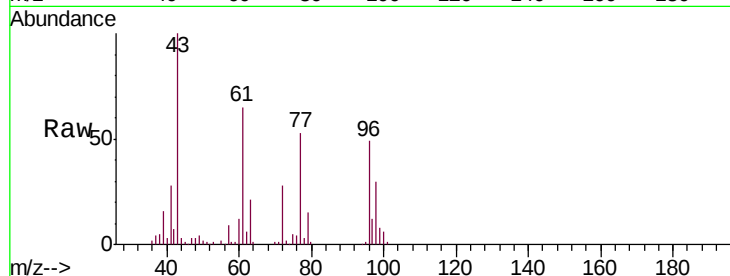
Tgt Ion: 96 Resp: 99523

Ion Ratio Lower Upper

96 100

61 137.7 0.0 277.2

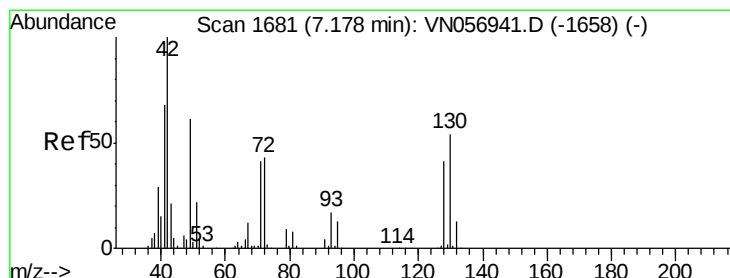
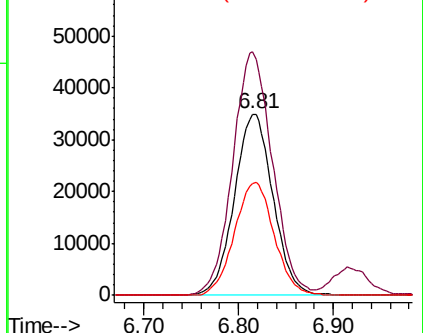
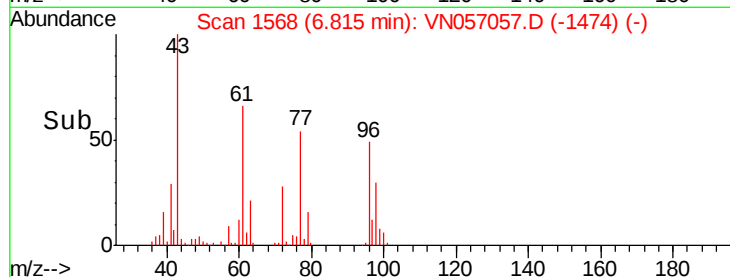
98 63.7 0.0 128.4



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: 20.692 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

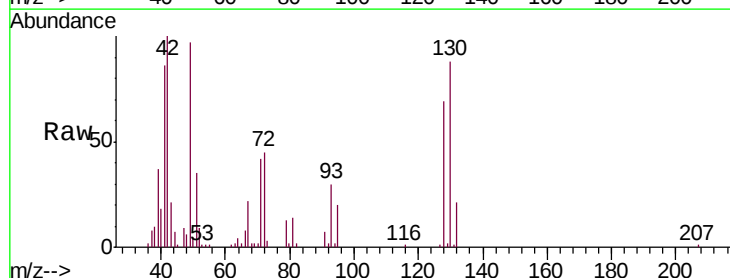
Tgt Ion: 49 Resp: 76701

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.6

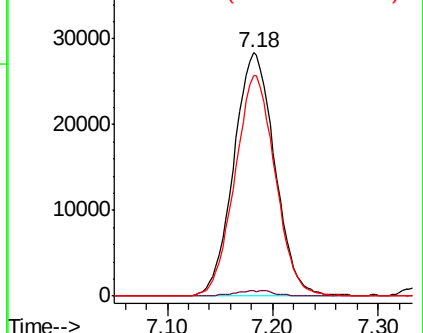
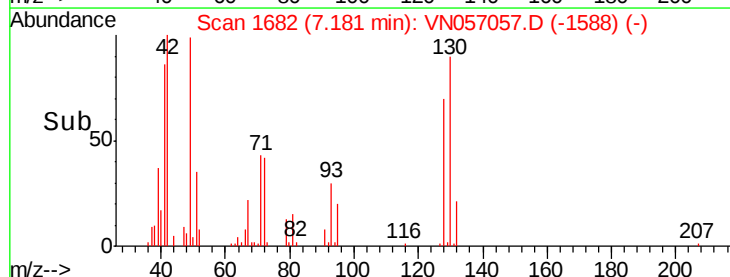
130 89.0 69.0 103.4

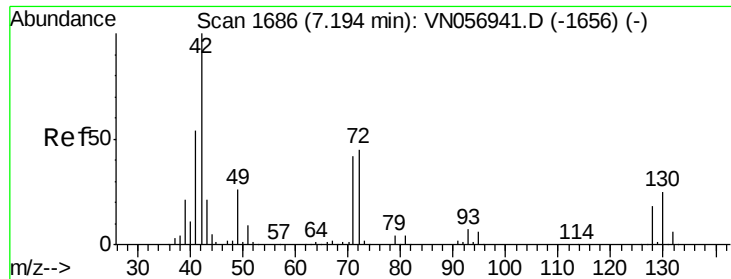


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

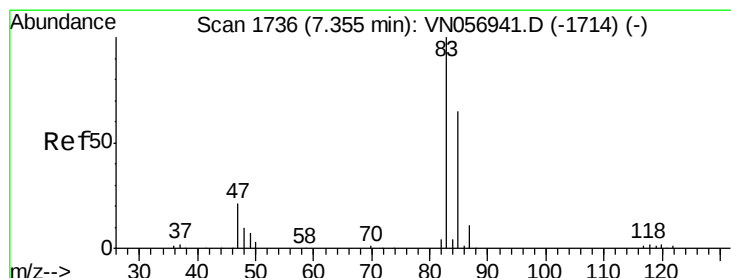
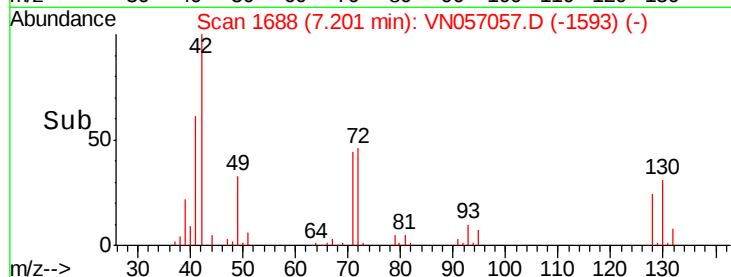
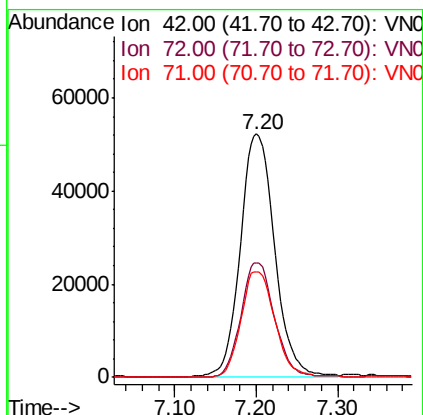
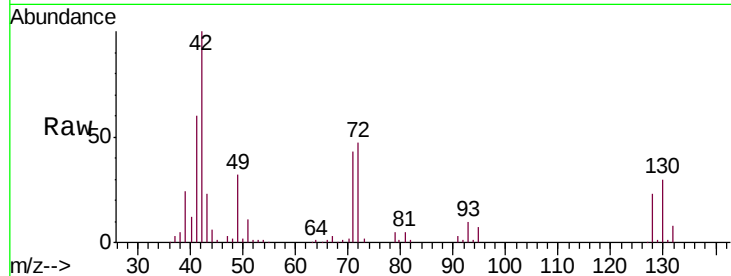




#29
Tetrahydrofuran
Concen: 96.813 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

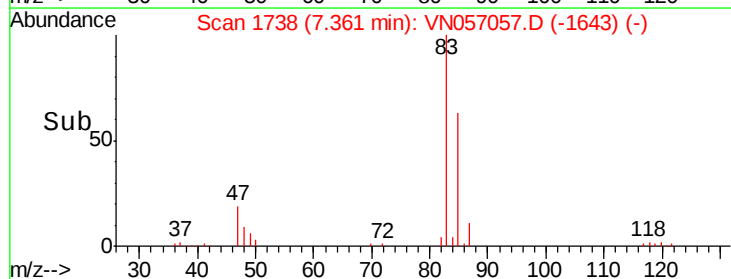
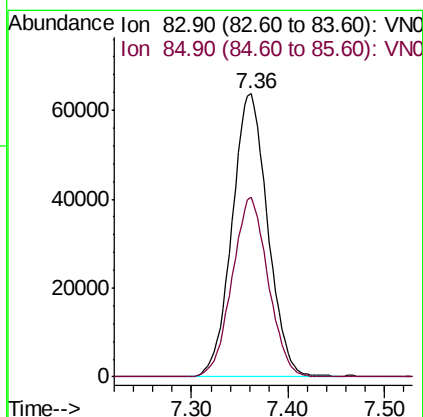
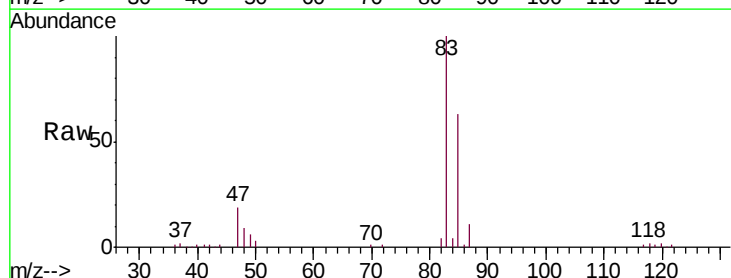
Instrument :
MSVOA_N
ClientSampled :
VN0802WBS01

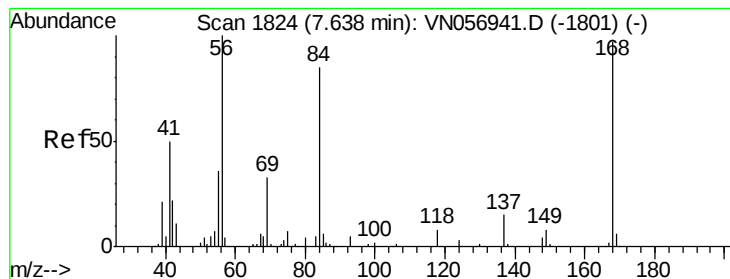
Tgt Ion: 42 Resp: 150701
Ion Ratio Lower Upper
42 100
72 46.1 35.6 53.4
71 43.2 33.5 50.3



#30
Chloroform
Concen: 20.226 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion: 83 Resp: 163086
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.2





#31

Cyclohexane

Concen: 18.141 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

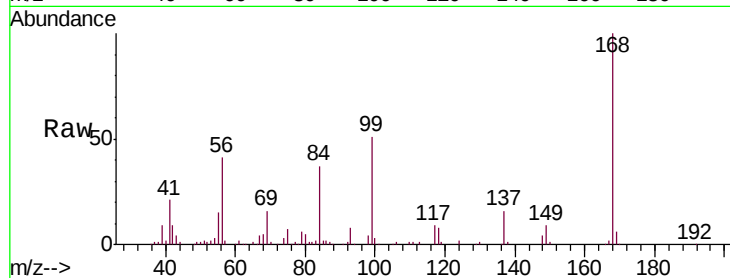
Tgt Ion: 56 Resp: 138436

Ion Ratio Lower Upper

56 100

69 37.5 26.2 39.2

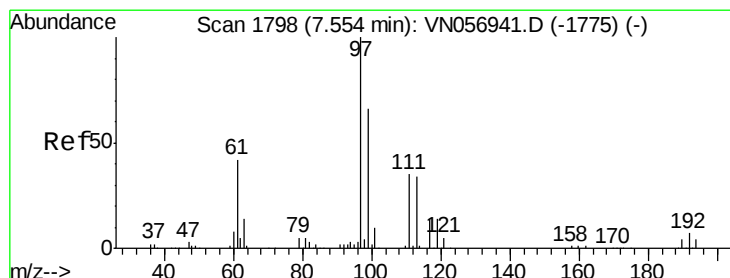
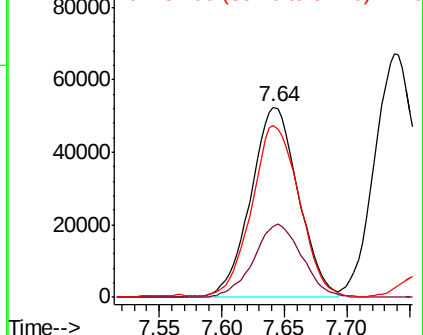
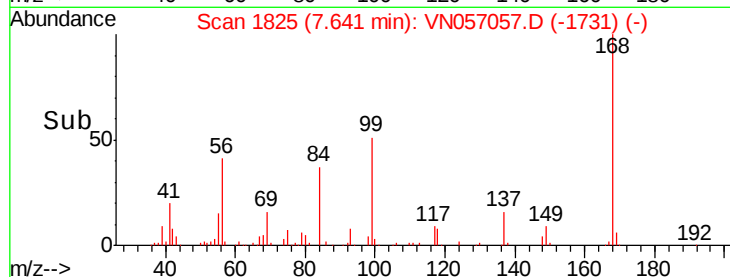
84 89.3 68.2 102.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.781 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

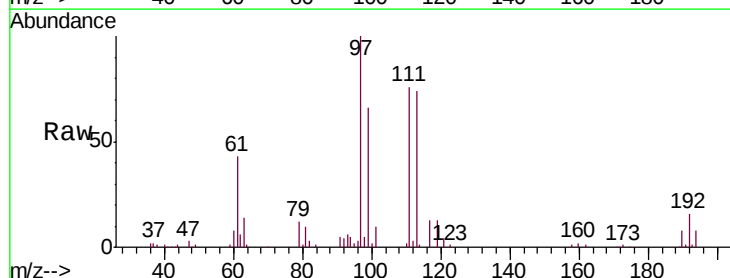
Tgt Ion: 97 Resp: 133691

Ion Ratio Lower Upper

97 100

99 63.4 52.3 78.5

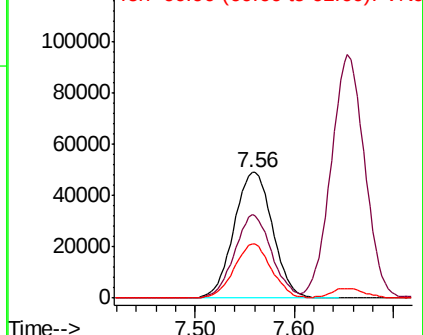
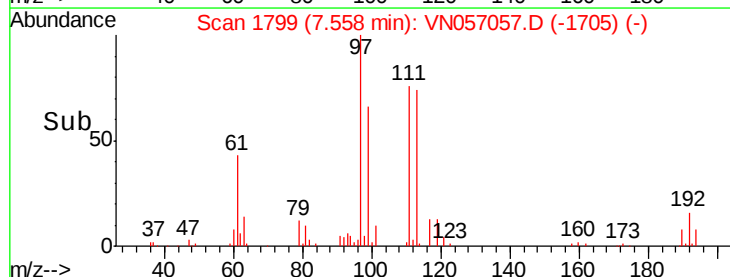
61 41.3 33.9 50.9

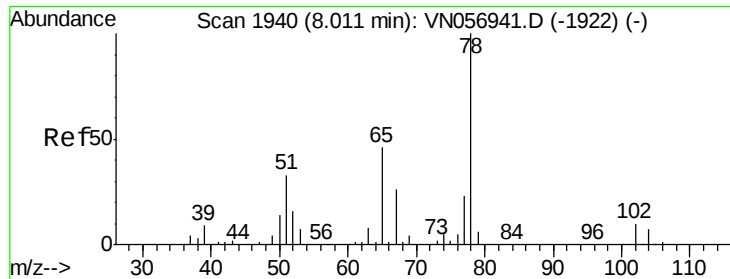


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

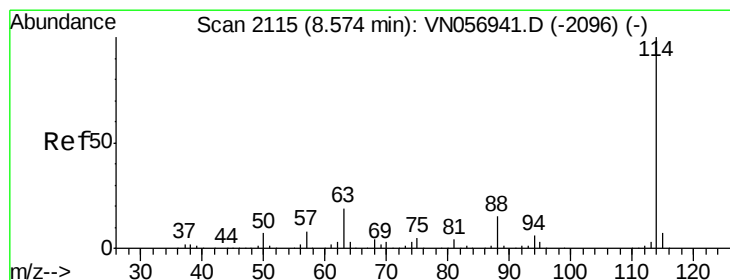
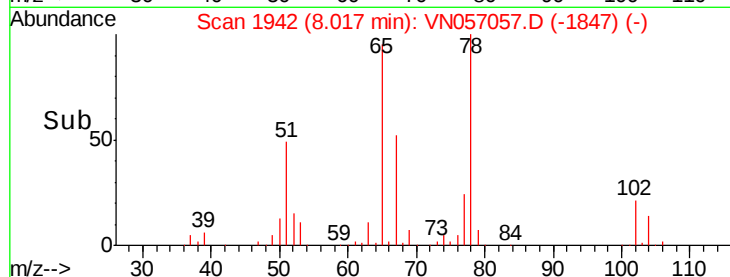
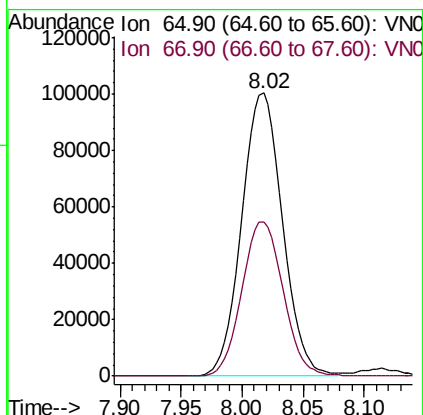
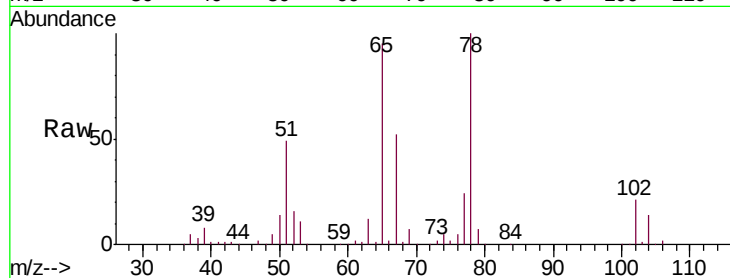




#33
 1,2-Dichloroethane-d4
 Concen: 50.109 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

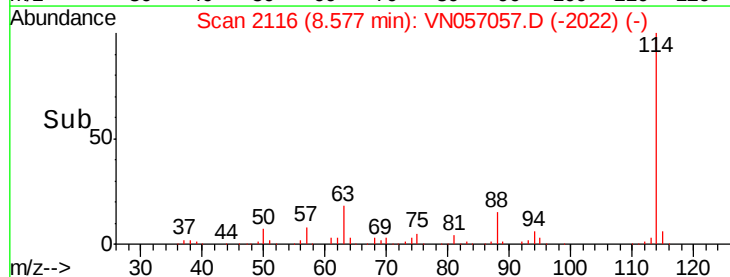
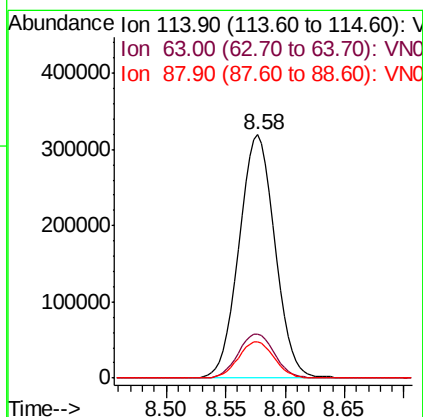
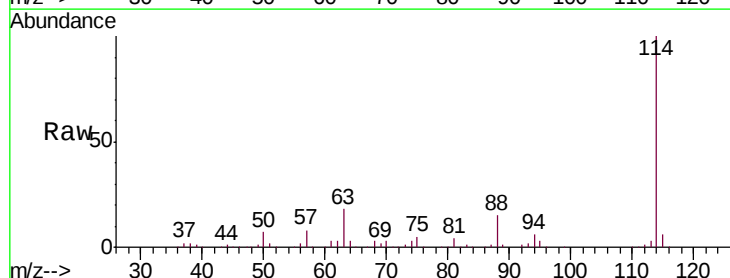
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

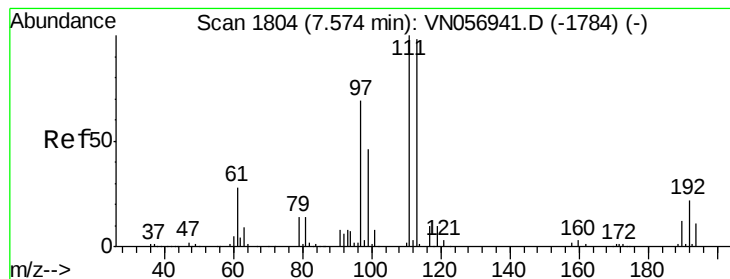
Tgt Ion: 65 Resp: 232722
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion: 114 Resp: 667245
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.0
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.717 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

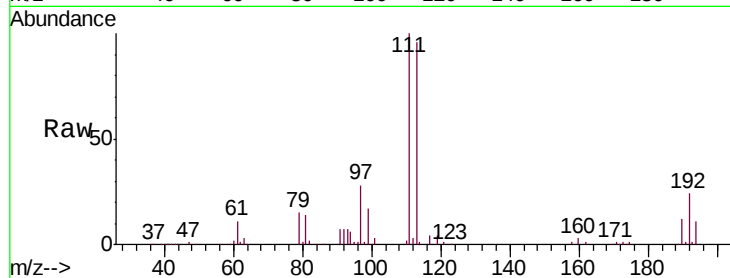
Tgt Ion:113 Resp: 212367

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

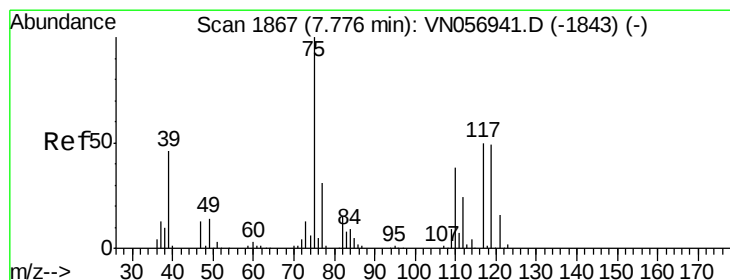
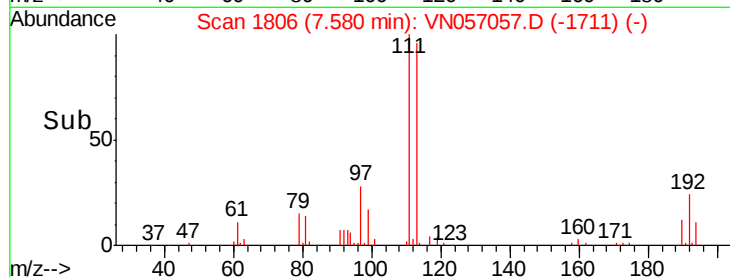
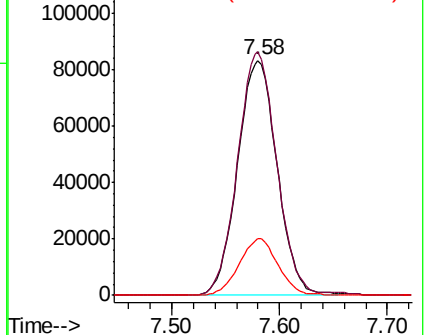
192 23.7 18.4 27.6



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: 19.544 ug/l

RT: 7.78 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

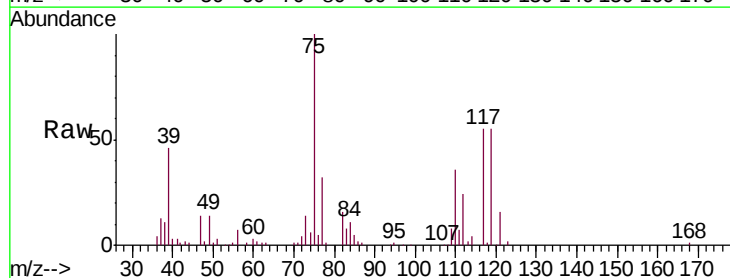
Tgt Ion: 75 Resp: 114746

Ion Ratio Lower Upper

75 100

110 36.3 18.6 55.8

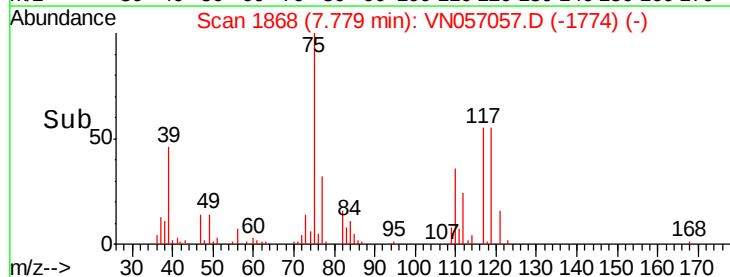
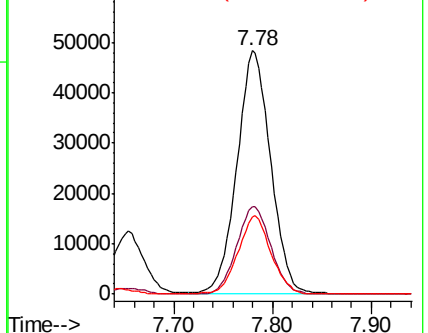
77 31.4 25.2 37.8

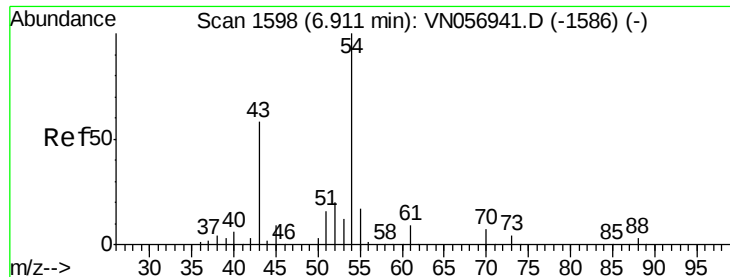


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

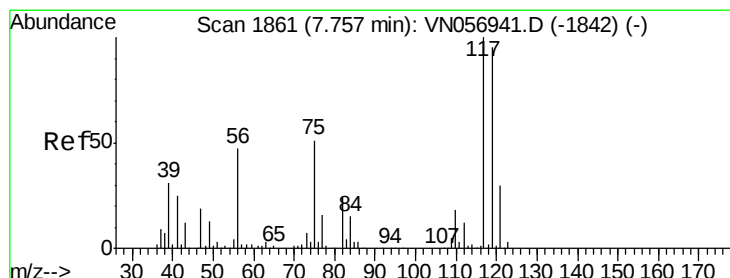
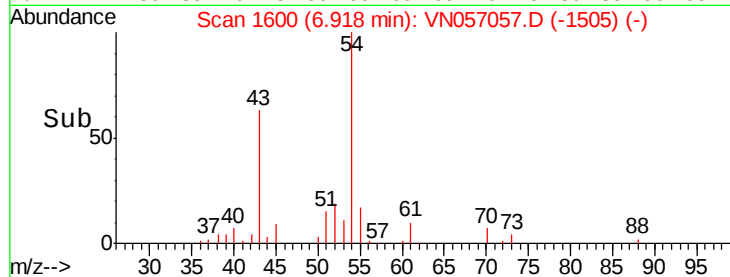
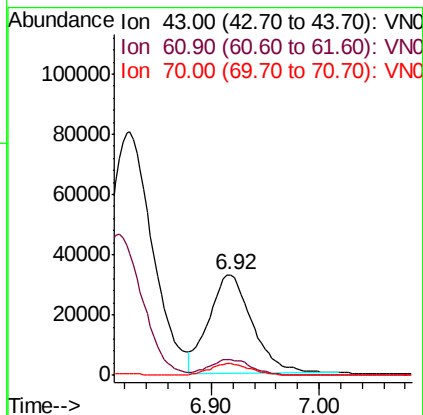
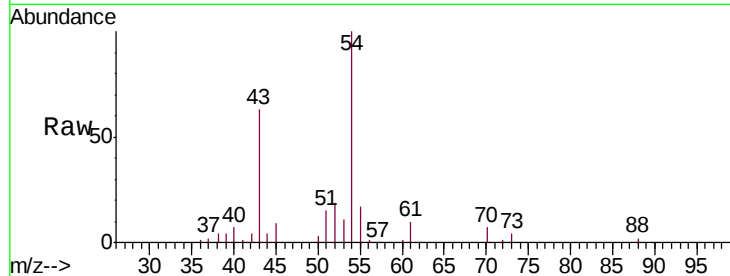




#37
Ethyl Acetate
Concen: 19.561 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

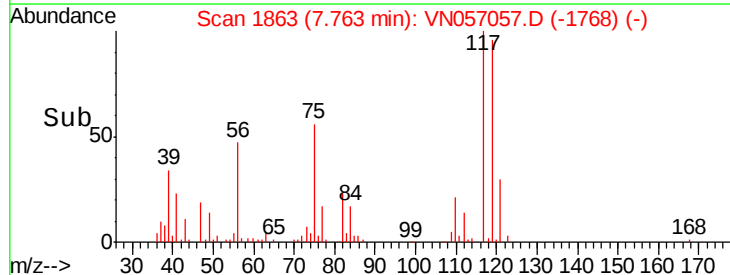
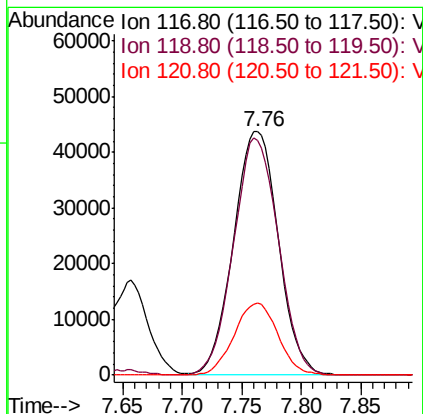
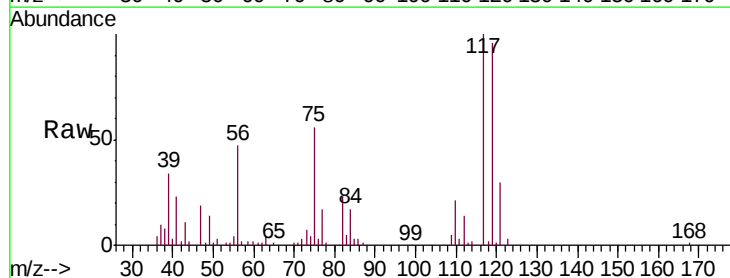
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

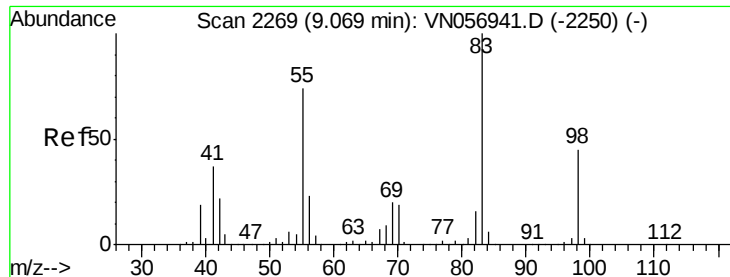
Tgt Ion: 43 Resp: 91984
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 11.1 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.578 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion: 117 Resp: 114284
Ion Ratio Lower Upper
117 100
119 96.4 75.3 112.9
121 29.7 24.2 36.4

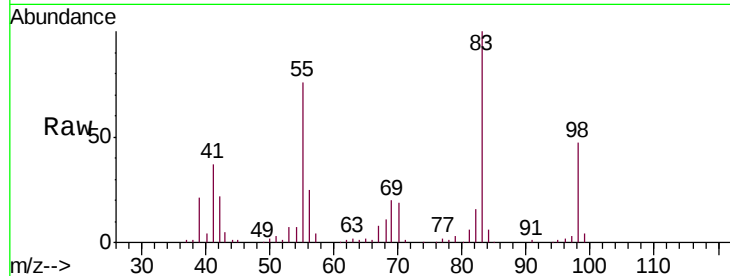




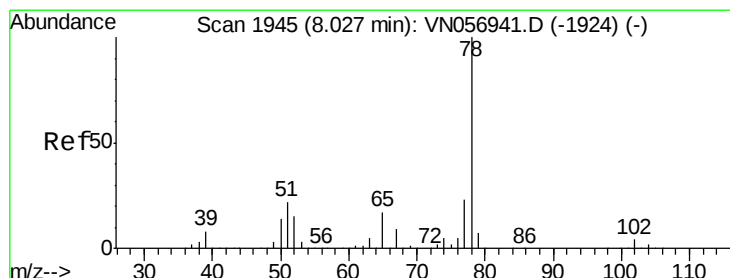
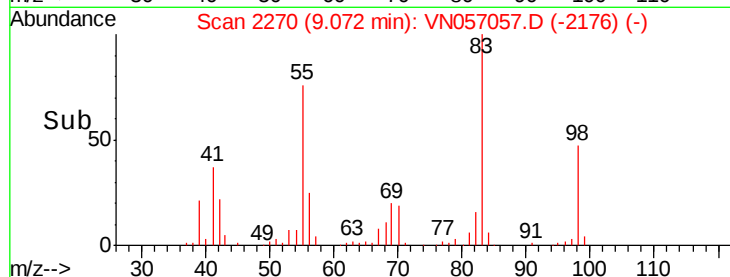
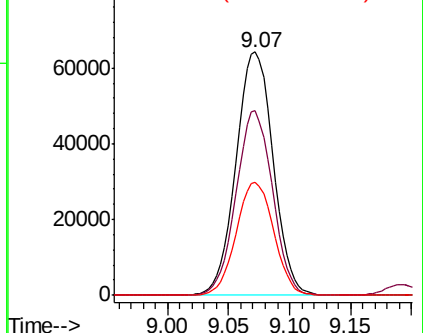
#39
Methylcyclohexane
Concen: 18.075 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Tgt Ion: 83 Resp: 135635
Ion Ratio Lower Upper
83 100
55 76.1 59.0 88.6
98 46.6 36.2 54.4

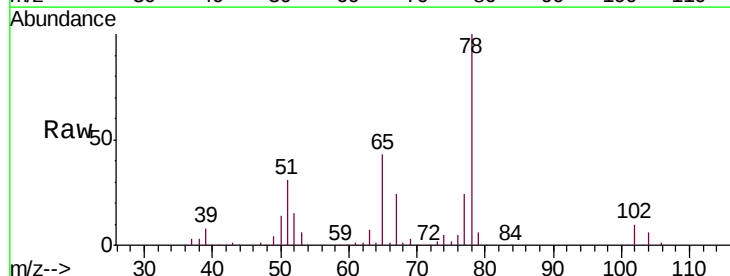


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

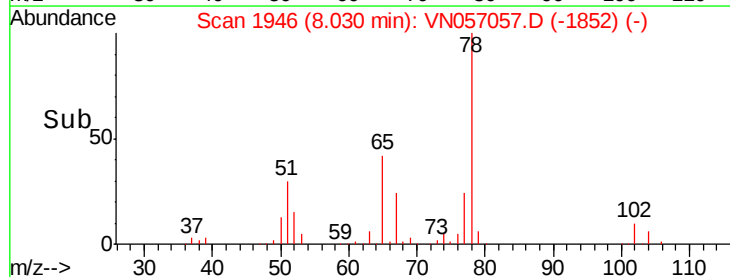
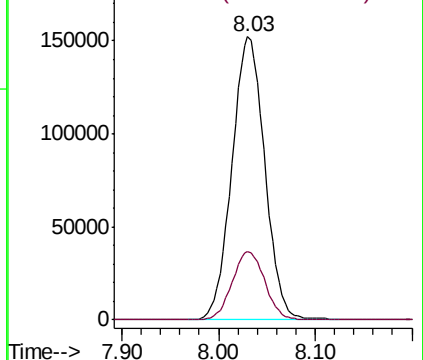


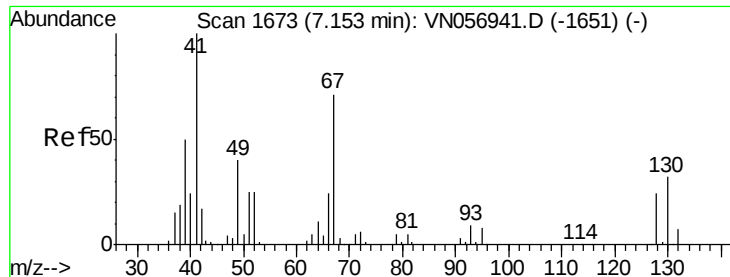
#40
Benzene
Concen: 19.833 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion: 78 Resp: 358656
Ion Ratio Lower Upper
78 100
77 24.3 18.3 27.5



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

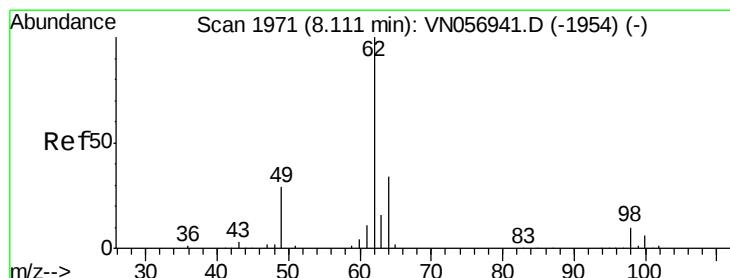
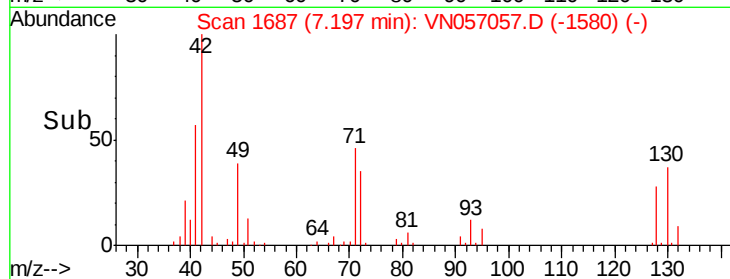
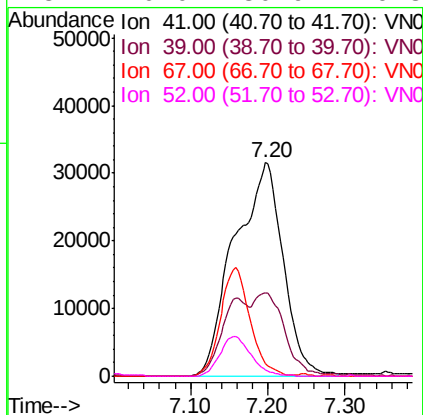
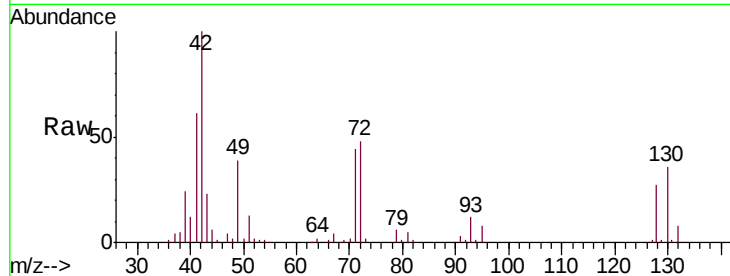




#41
Methacrylonitrile
Concen: 63.630 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

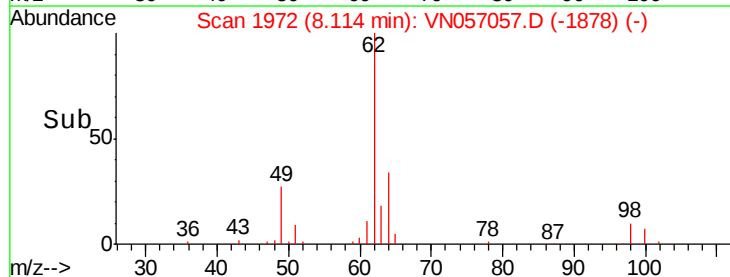
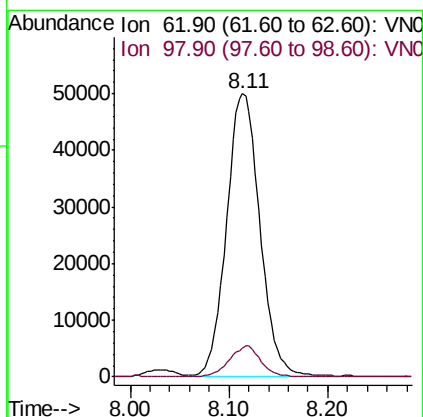
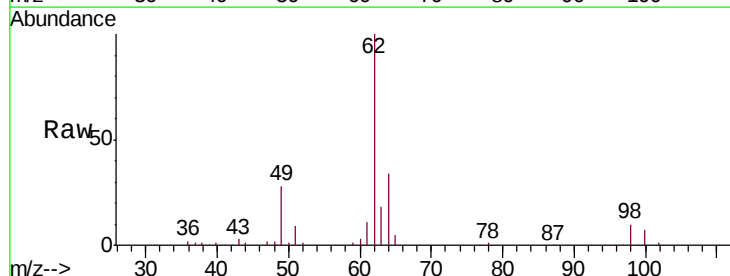
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

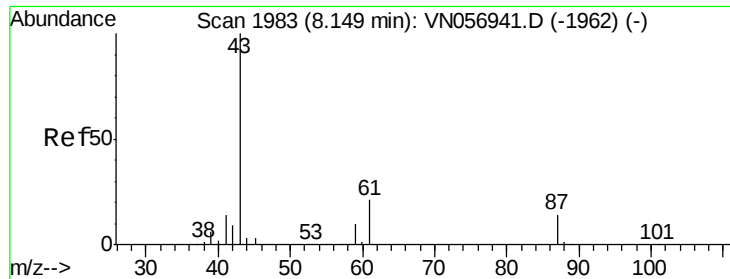
Tgt Ion: 41 Resp: 138322
Ion Ratio Lower Upper
41 100
39 0.0 48.9 73.3#
67 0.0 83.4 125.0#
52 0.0 30.9 46.3#



#42
1,2-Dichloroethane
Concen: 20.675 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion: 62 Resp: 117176
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.6

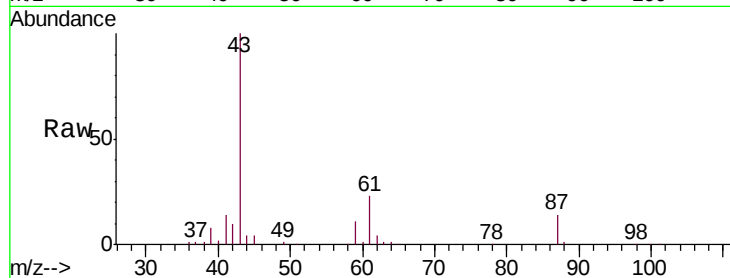




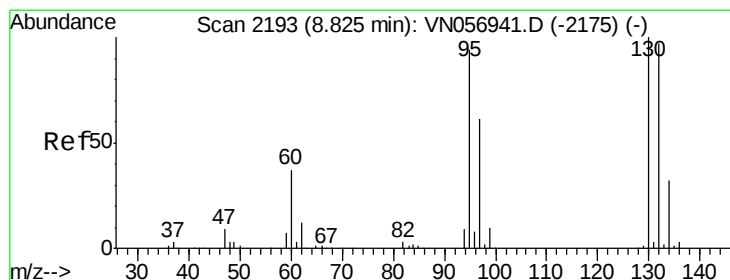
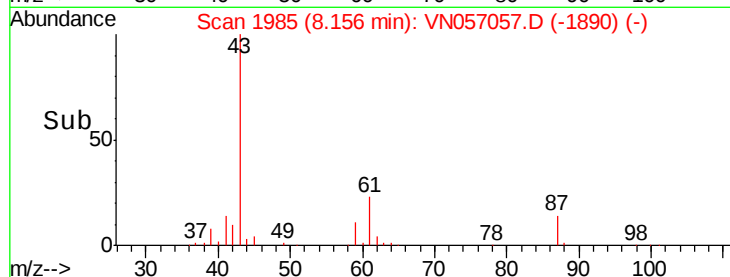
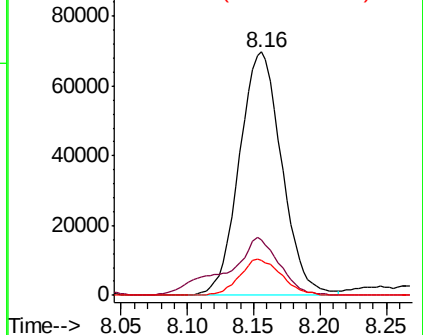
#43
Isopropyl Acetate
Concen: 19.826 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.01 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Tgt Ion: 43 Resp: 154092
Ion Ratio Lower Upper
43 100
61 29.8 23.0 34.6
87 14.9 11.7 17.5

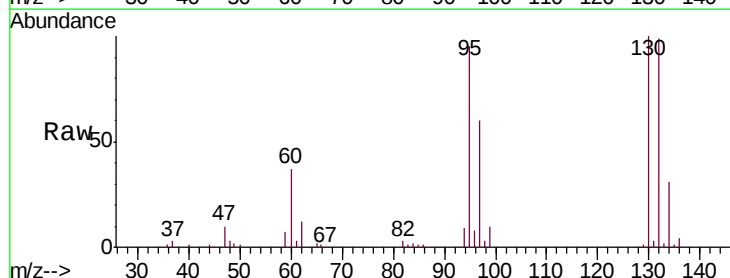


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

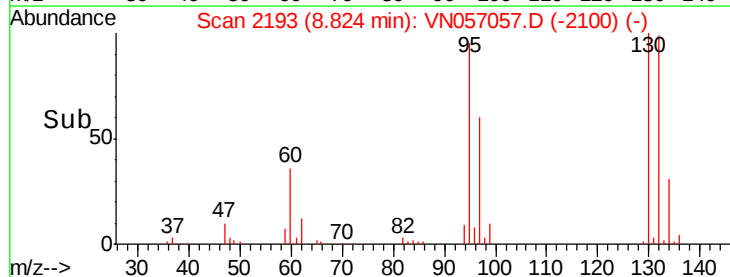
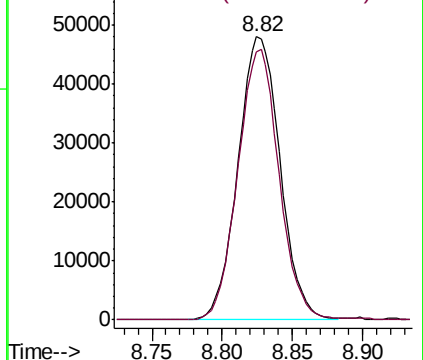


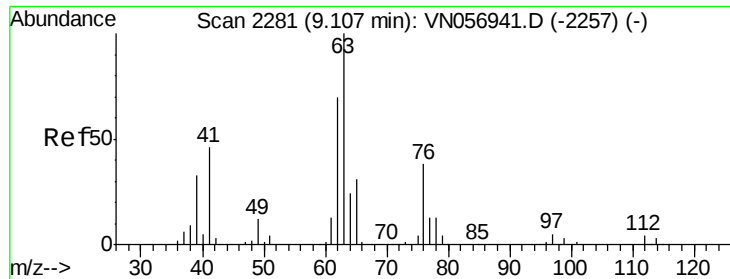
#44
Trichloroethene
Concen: 20.173 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion: 130 Resp: 100503
Ion Ratio Lower Upper
130 100
95 94.7 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

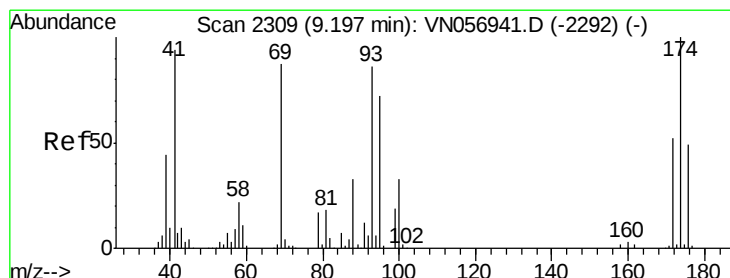
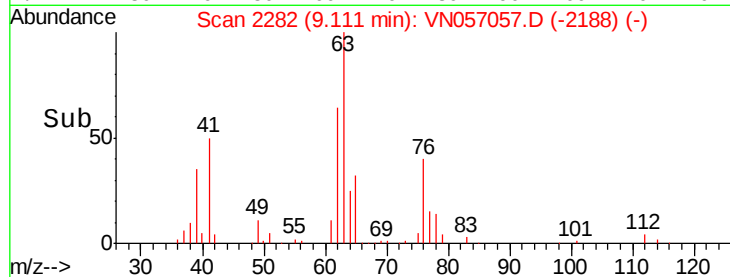
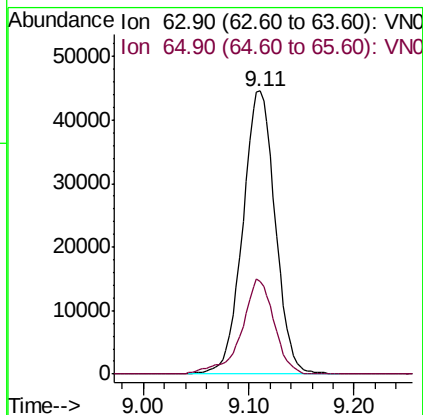
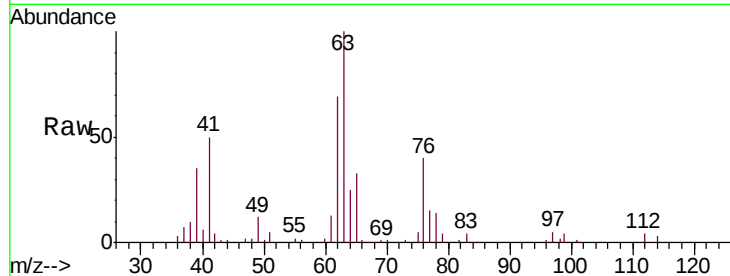




#45
 1,2-Dichloropropane
 Concen: 19.710 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

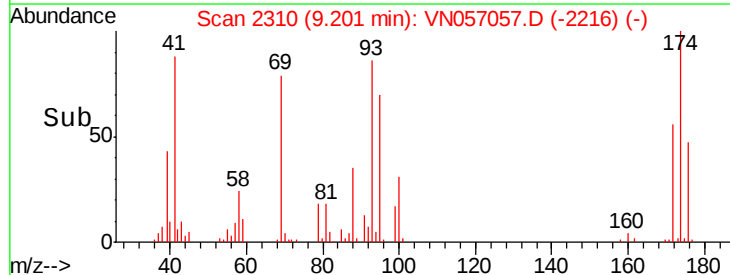
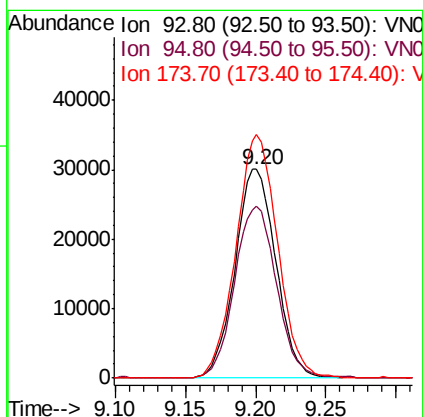
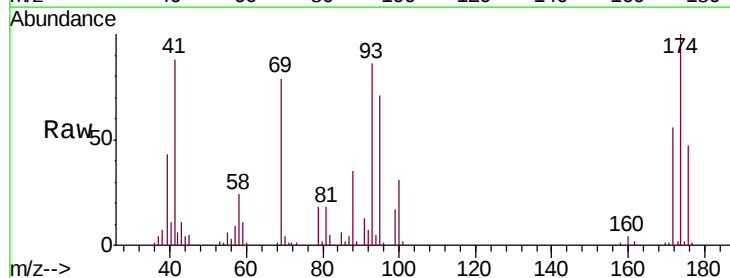
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

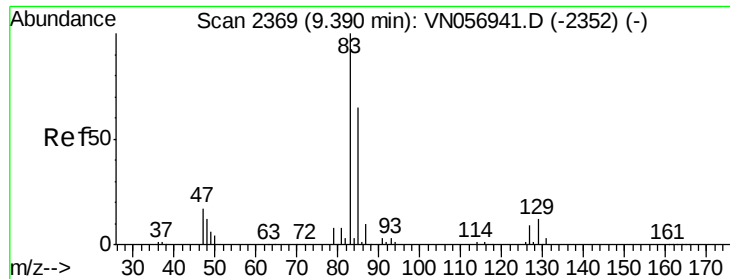
Tgt Ion: 63 Resp: 95335
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.8 37.2



#46
 Dibromomethane
 Concen: 20.898 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion: 93 Resp: 60961
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.0 100.6
 174 118.9 92.7 139.1





#47

Bromodichloromethane

Concen: 20.377 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

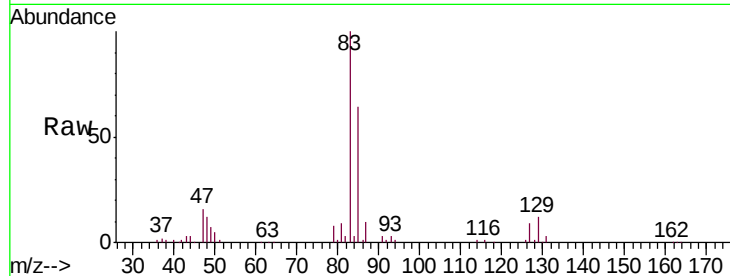
Tgt Ion: 83 Resp: 116866

Ion Ratio Lower Upper

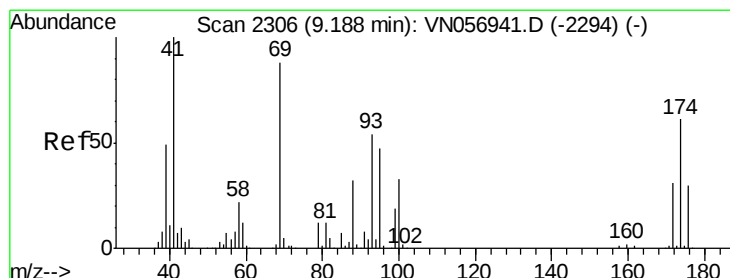
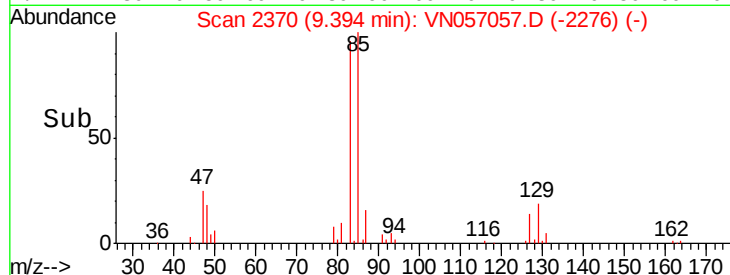
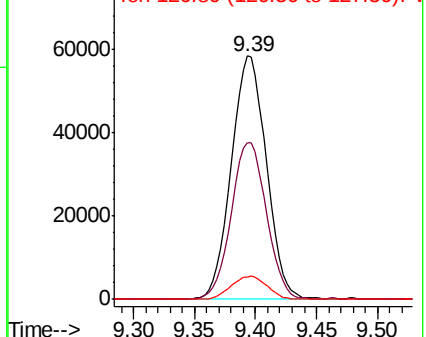
83 100

85 64.4 51.6 77.4

127 9.3 7.3 10.9



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: 19.962 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

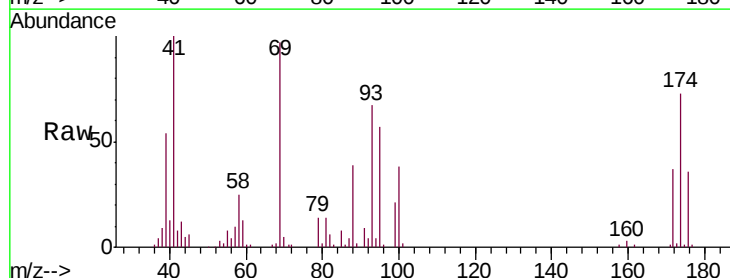
Tgt Ion: 41 Resp: 74904

Ion Ratio Lower Upper

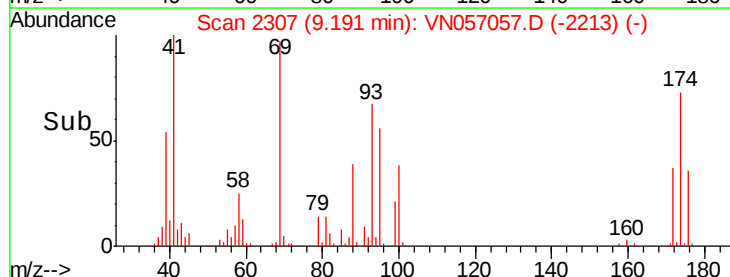
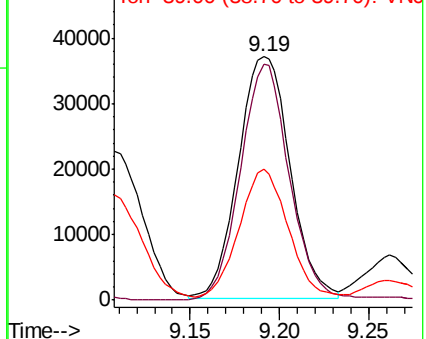
41 100

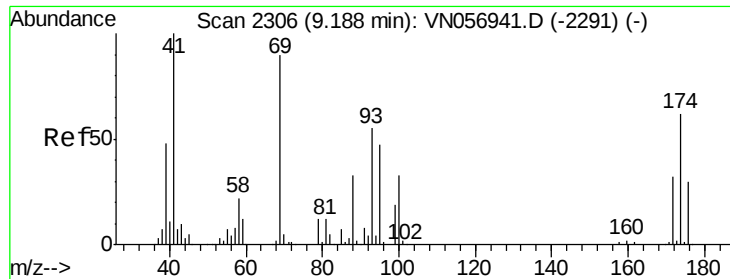
69 92.7 73.4 110.0

39 52.5 39.9 59.9



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

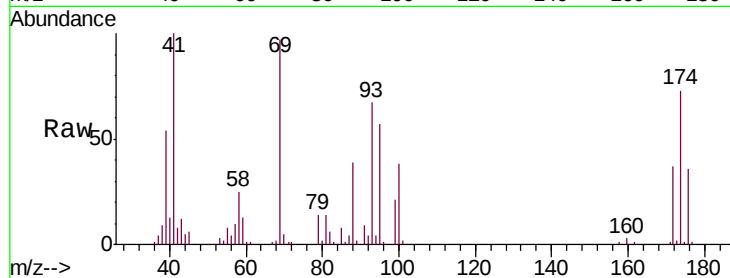




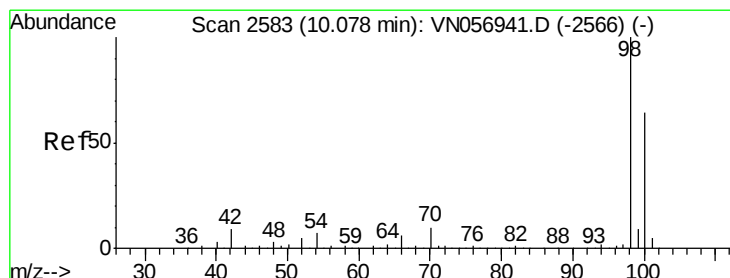
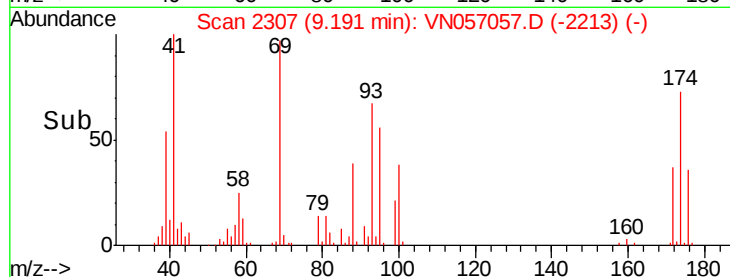
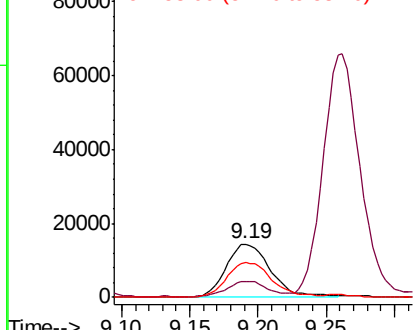
#49
 1,4-Dioxane
 Concen: 422.712 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

Tgt Ion: 88 Resp: 32688
 Ion Ratio Lower Upper
 88 100
 43 29.5 22.2 33.2
 58 66.6 54.1 81.1

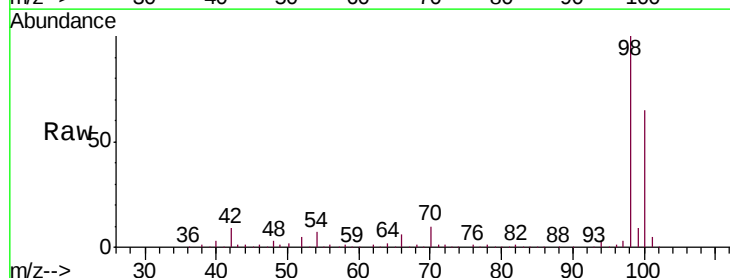


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

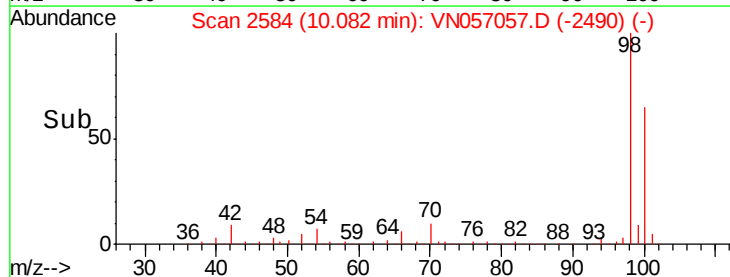
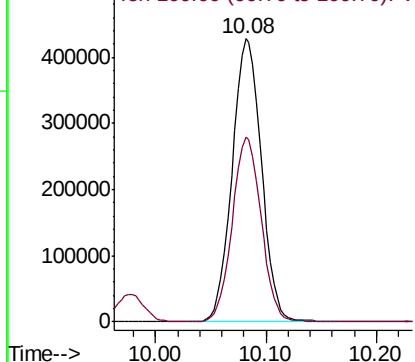


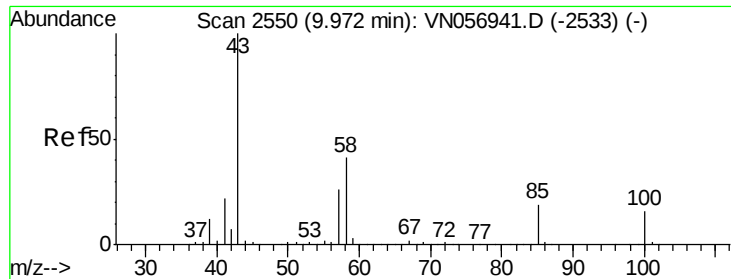
#50
 Toluene-d8
 Concen: 48.373 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion: 98 Resp: 787953
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.3 76.9



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: 100.165 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

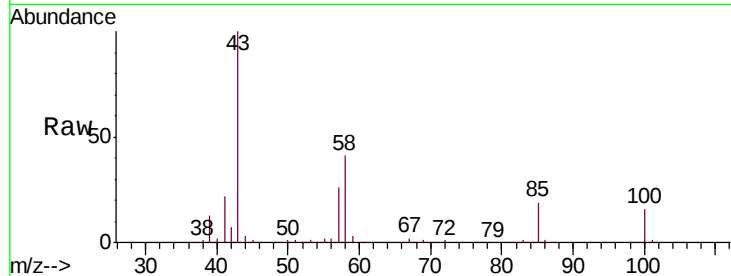
VN0802WBS01

Tgt Ion: 43 Resp: 462561

Ion Ratio Lower Upper

43 100

58 41.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

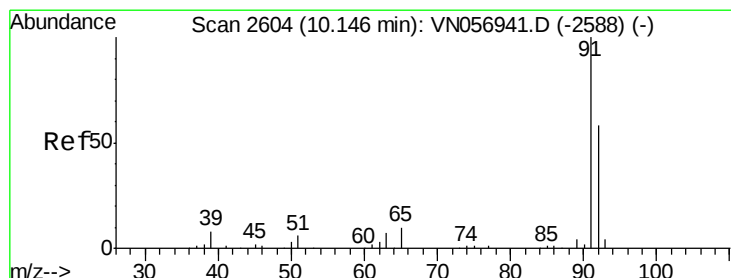
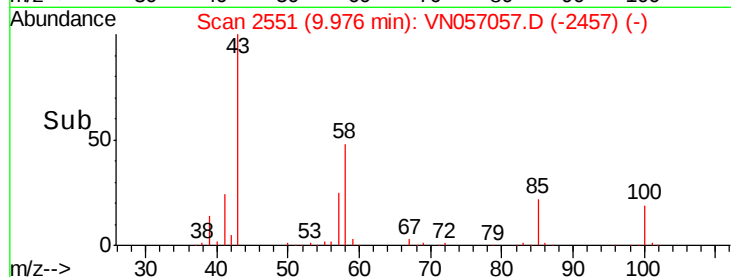
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.391 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057057.D

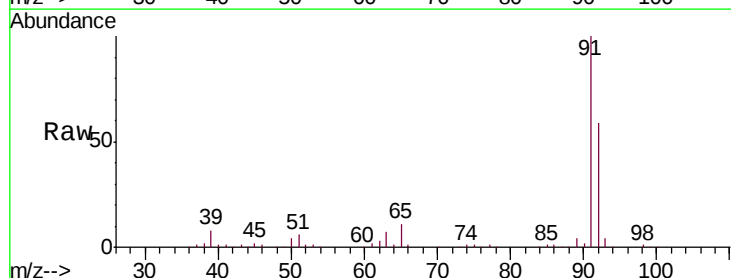
Acq: 2 Aug 2019 11:36

Tgt Ion: 92 Resp: 221548

Ion Ratio Lower Upper

92 100

91 171.3 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

200000

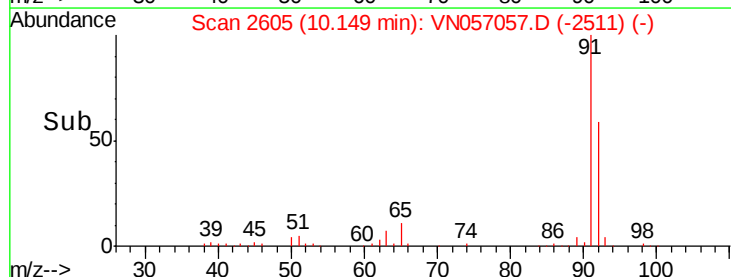
150000

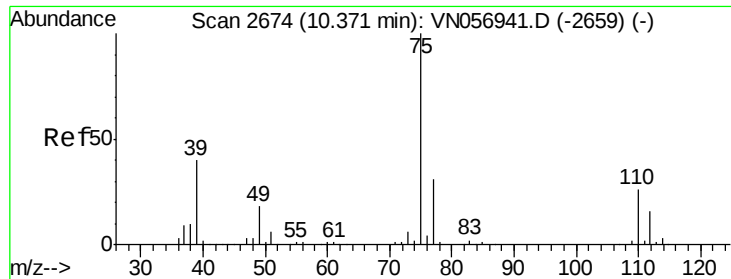
100000

50000

0

Time-->

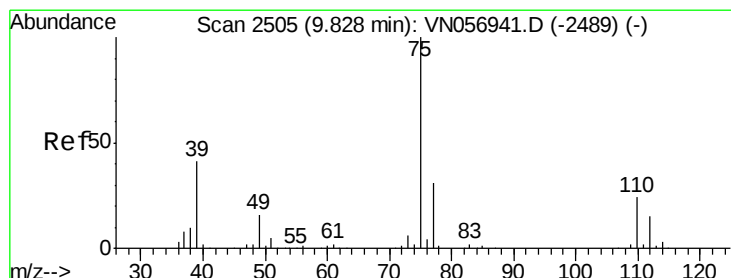
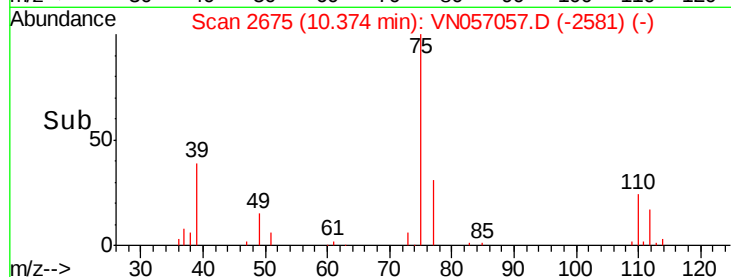
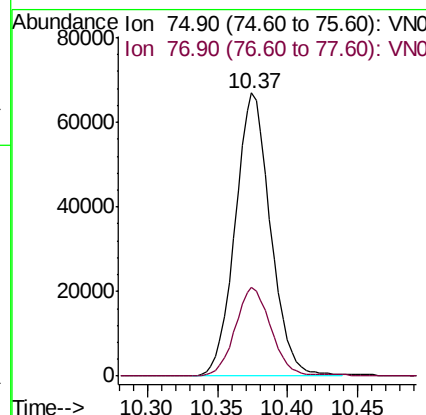
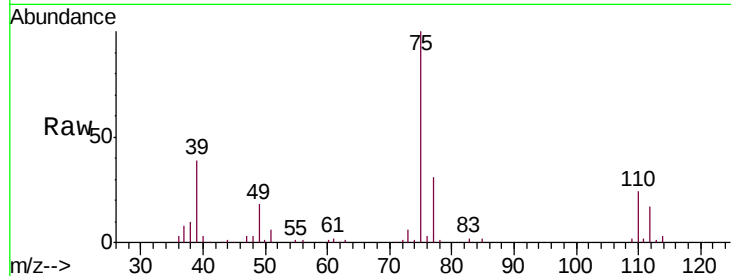




#53
 t-1,3-Dichloropropene
 Concen: 19.745 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

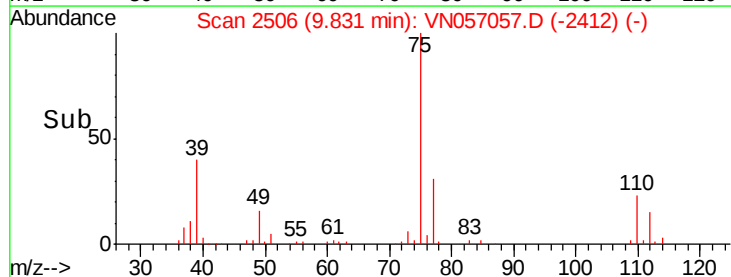
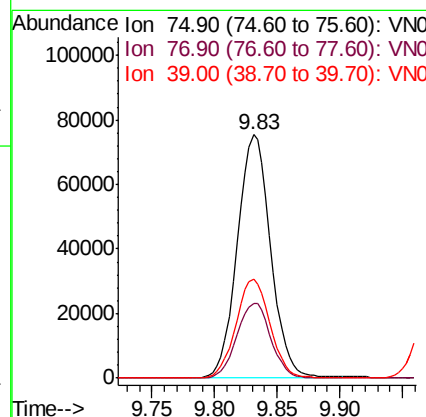
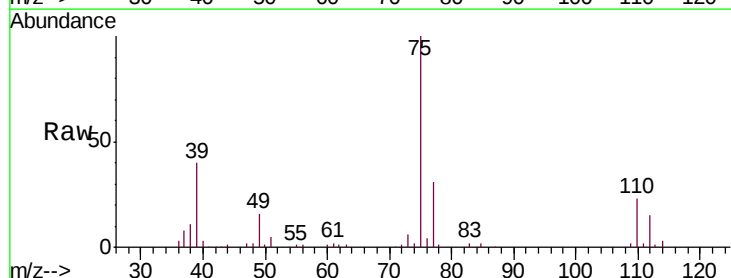
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

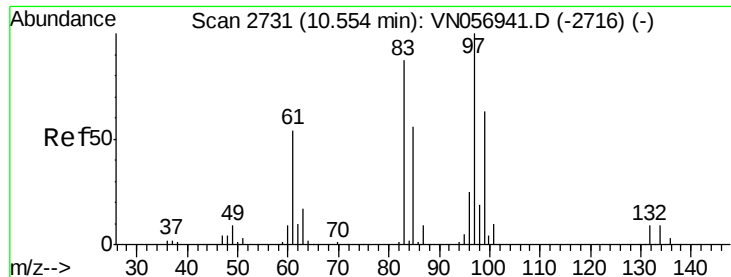
Tgt Ion: 75 Resp: 117511
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.175 ug/l
 RT: 9.83 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion: 75 Resp: 139611
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.6
 39 40.4 32.6 49.0

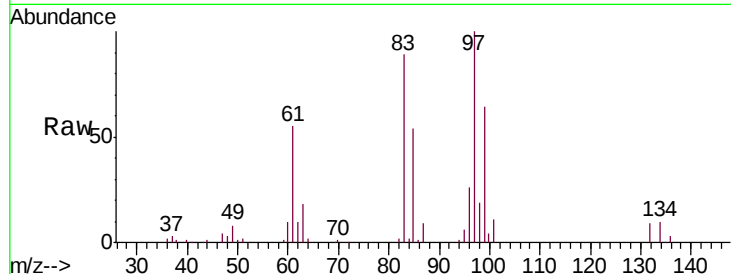




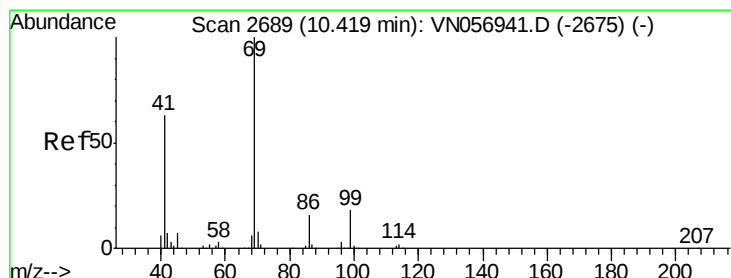
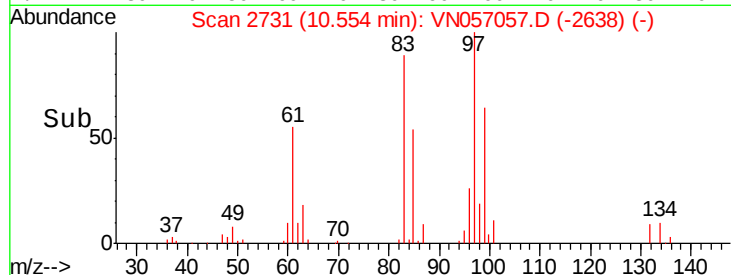
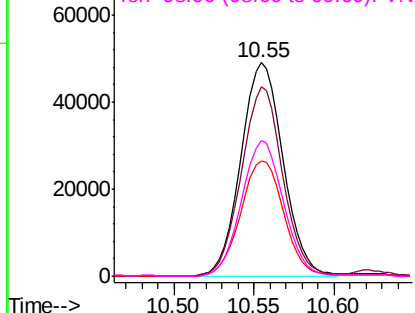
#55
 1,1,2-Trichloroethane
 Concen: 20.316 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

Tgt Ion:	97	Resp:	88519
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.4	104.0
85	54.1	44.7	67.1
99	63.7	50.1	75.1

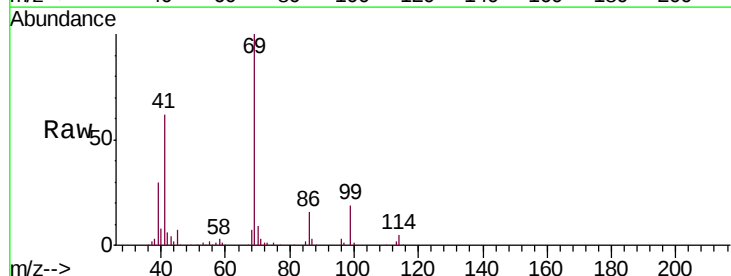


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

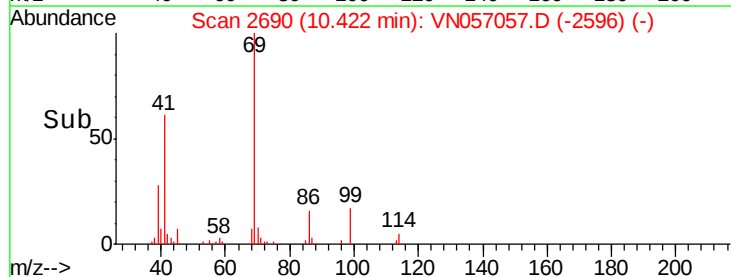
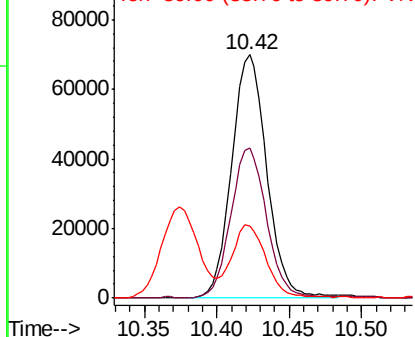


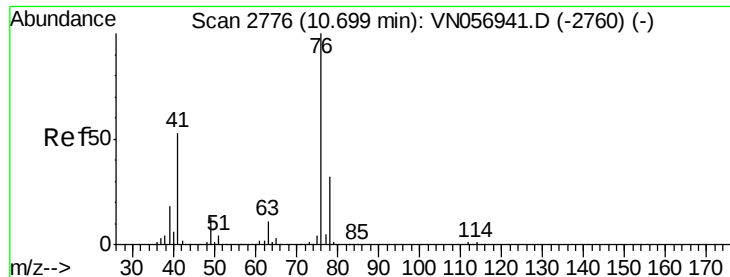
#56
 Ethyl methacrylate
 Concen: 19.065 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion:	69	Resp:	118019
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.2	73.8
39	28.9	23.1	34.7



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

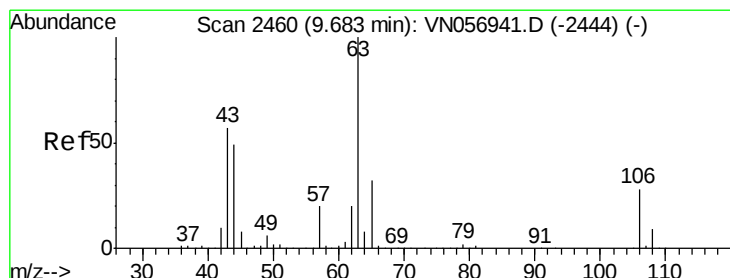
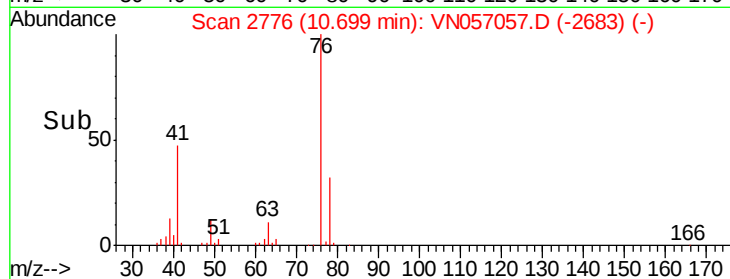
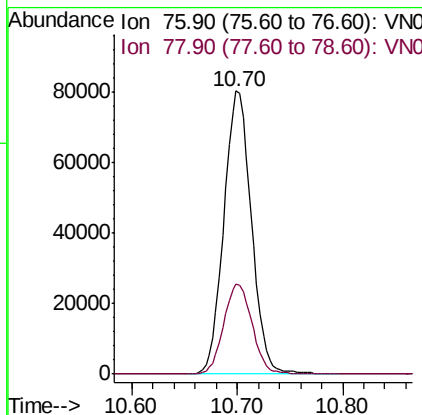
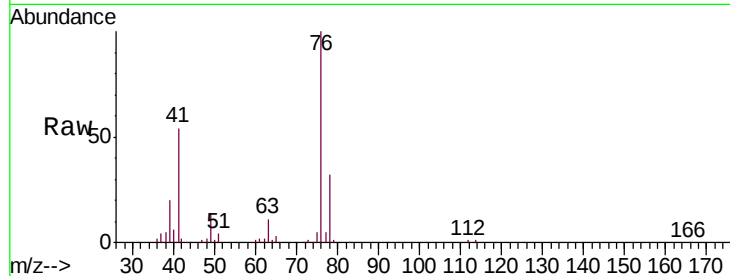




#57
 1,3-Dichloropropane
 Concen: 20.140 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

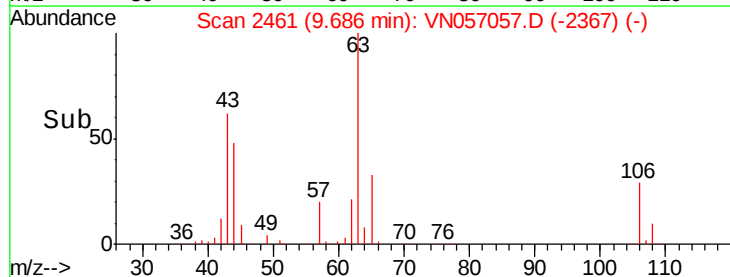
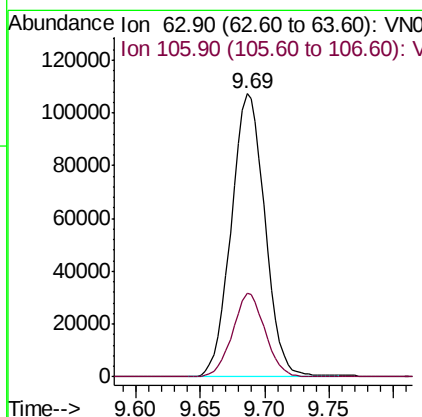
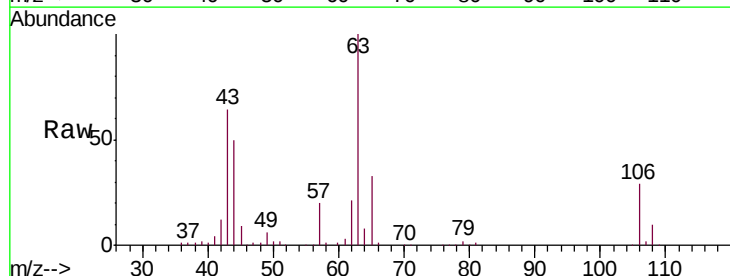
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

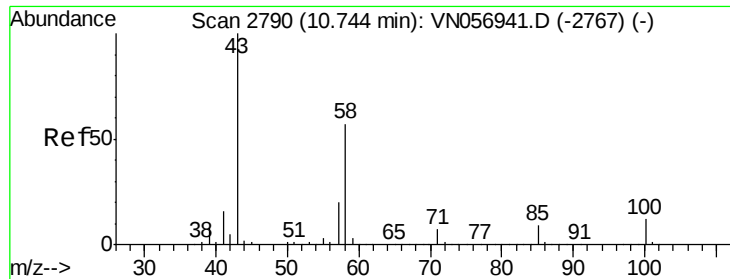
Tgt Ion: 76 Resp: 145518
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 74.567 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion: 63 Resp: 194697
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.0 33.0

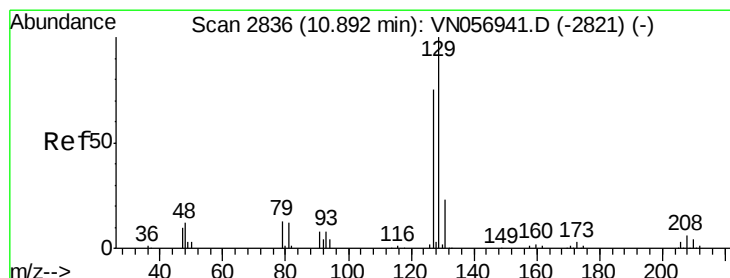
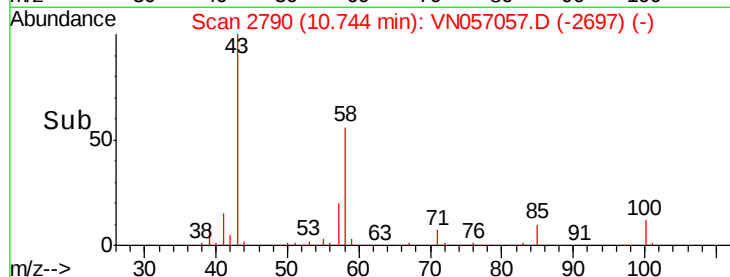
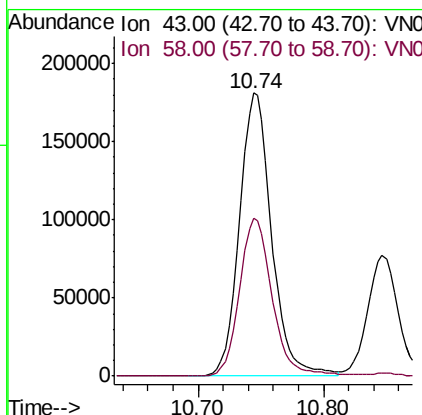
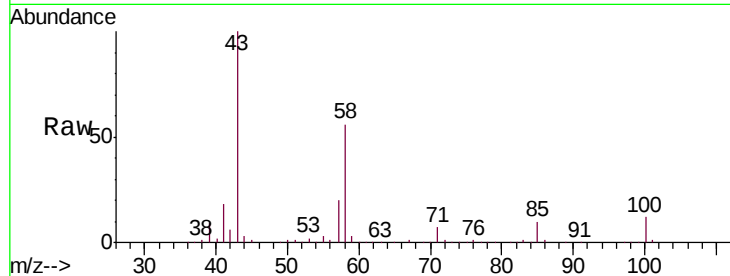




#59
2-Hexanone
Concen: 92.370 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

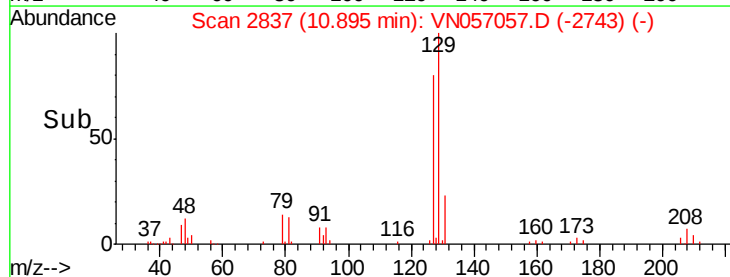
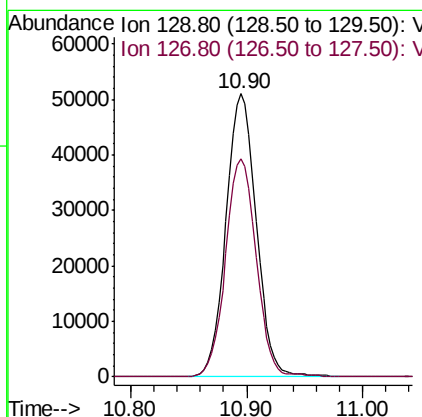
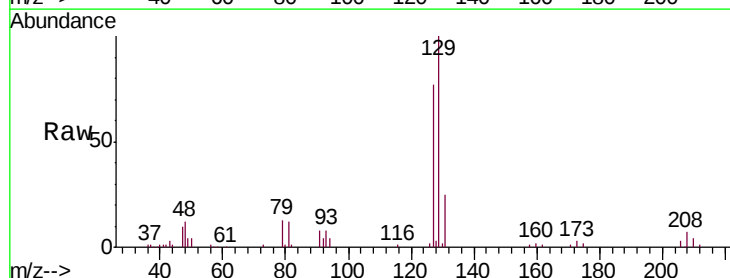
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

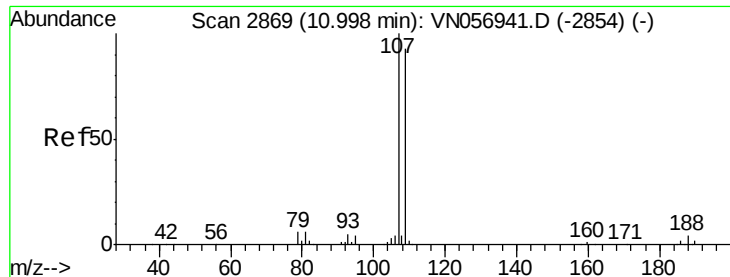
Tgt Ion: 43 Resp: 322831
Ion Ratio Lower Upper
43 100
58 56.8 28.5 85.5



#60
Dibromochloromethane
Concen: 20.694 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion: 129 Resp: 92377
Ion Ratio Lower Upper
129 100
127 78.1 38.0 113.9

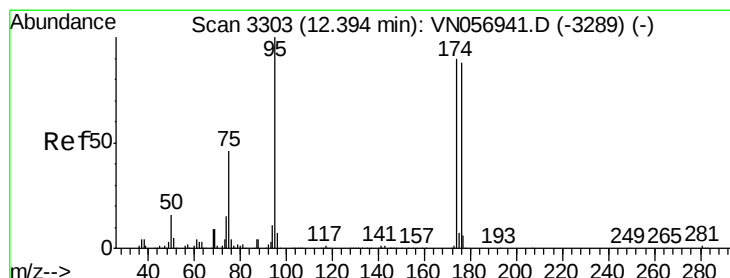
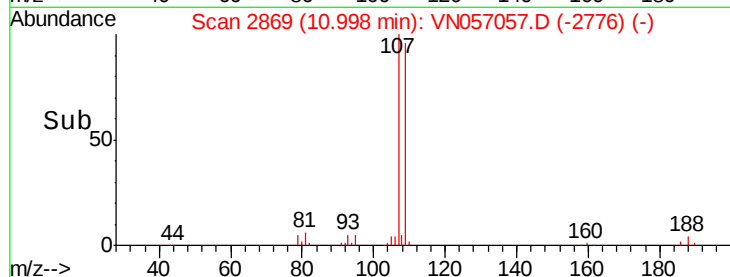
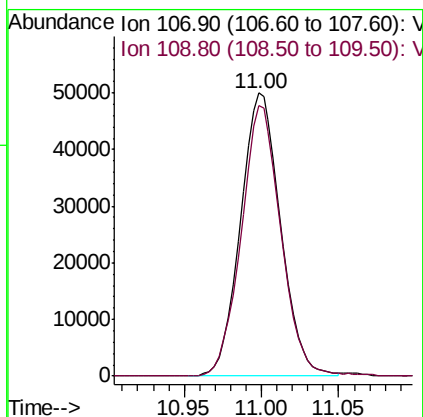
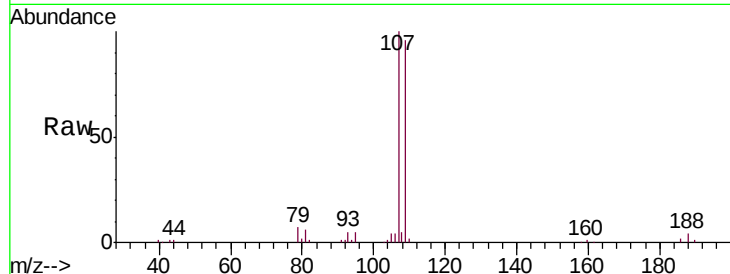




#61
 1,2-Dibromoethane
 Concen: 21.158 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

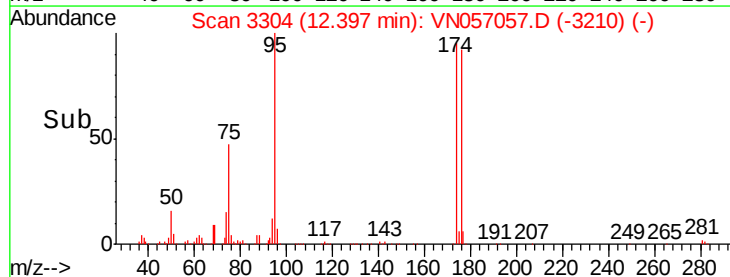
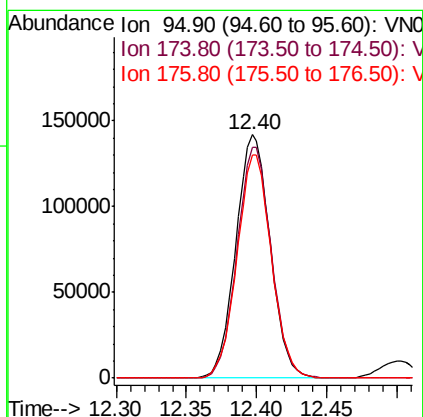
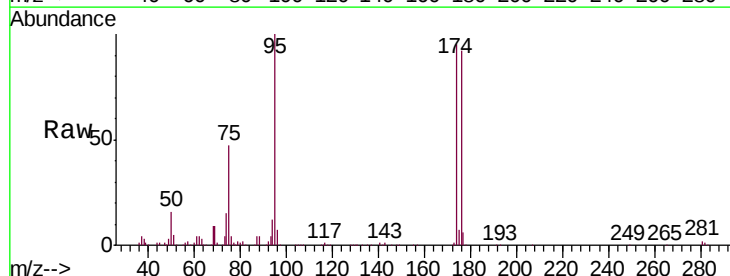
Instrument :
 MSVOA_N
 ClientSampled :
 VN0802WBS01

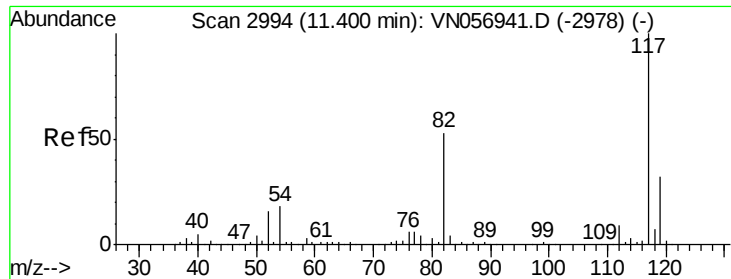
Tgt Ion: 107 Resp: 89966
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 45.660 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion: 95 Resp: 242129
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 182.2
 176 91.7 0.0 179.4

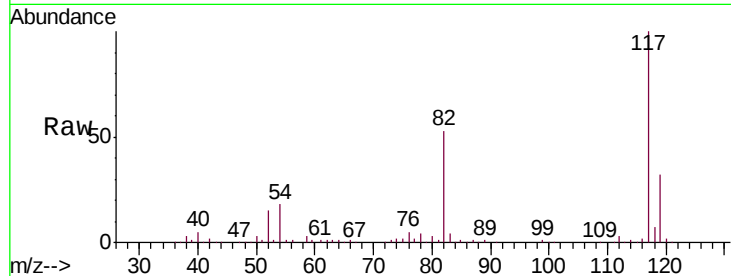




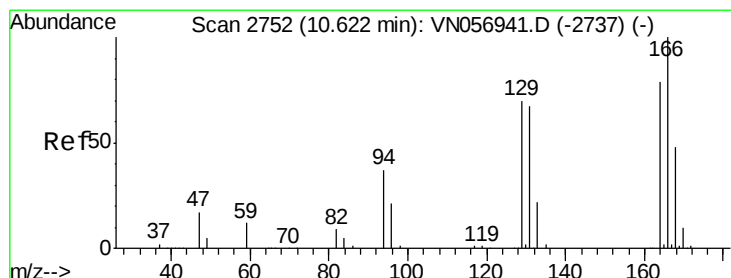
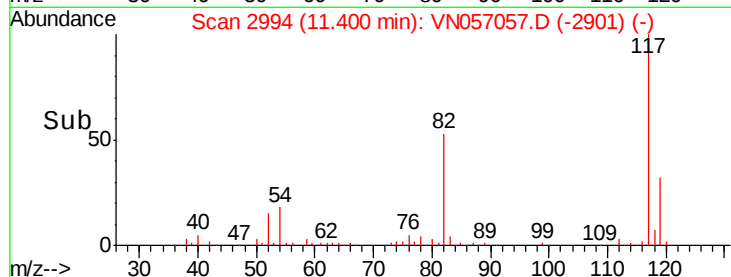
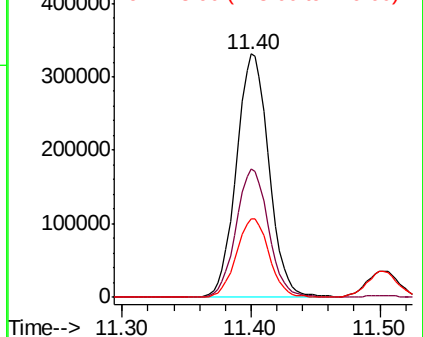
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Tgt Ion:117 Resp: 580765
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 32.3 25.8 38.6

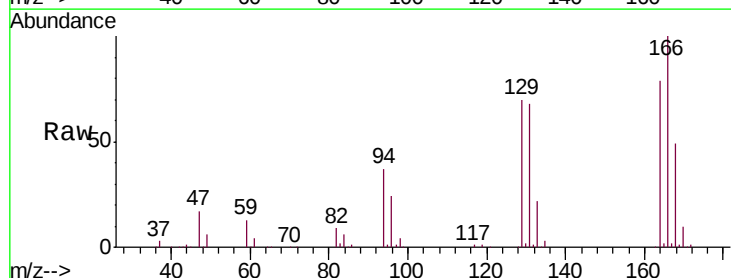


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

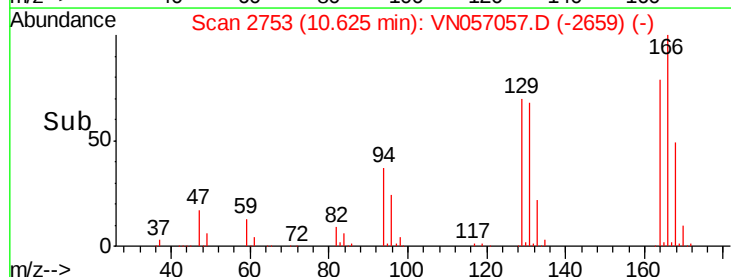
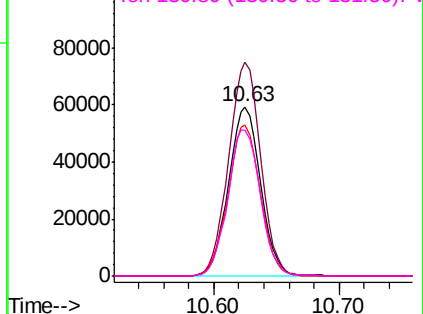


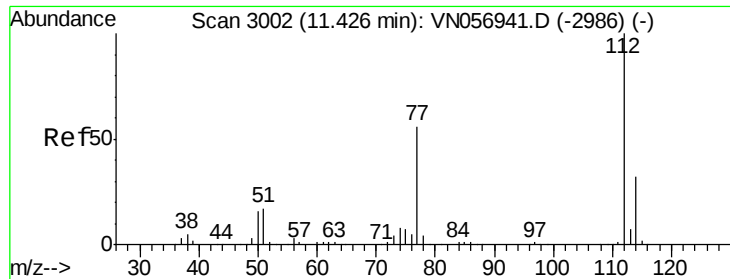
#64
Tetrachloroethene
Concen: 21.028 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion:164 Resp: 105238
Ion Ratio Lower Upper
164 100
166 126.0 101.1 151.7
129 88.8 70.9 106.3
131 85.9 67.7 101.5



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

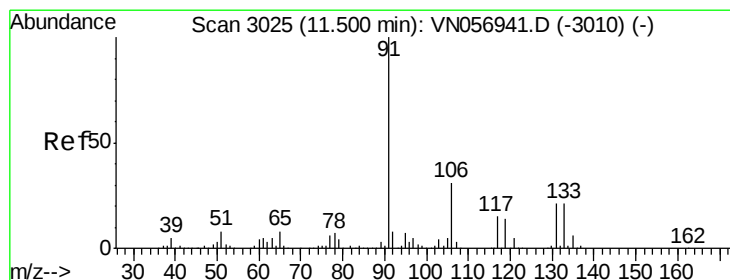
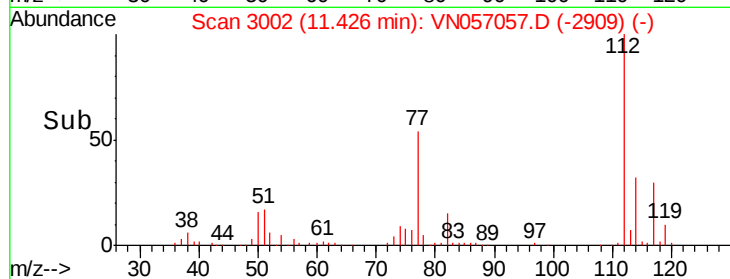
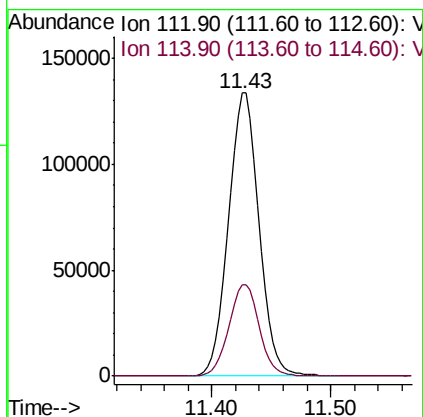
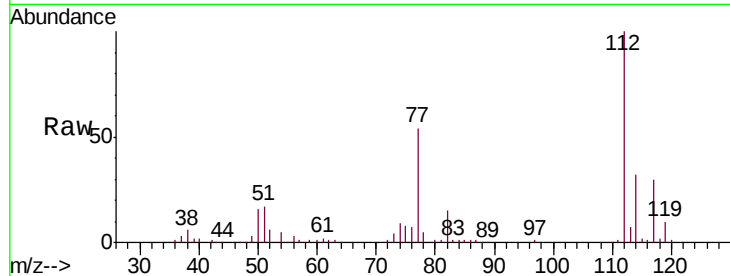




#65
Chlorobenzene
Concen: 20.106 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

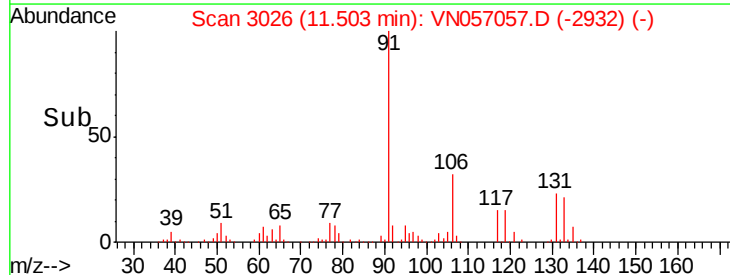
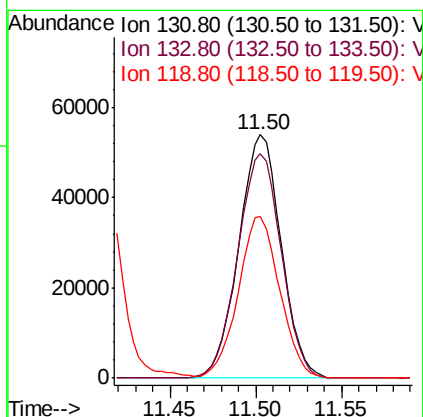
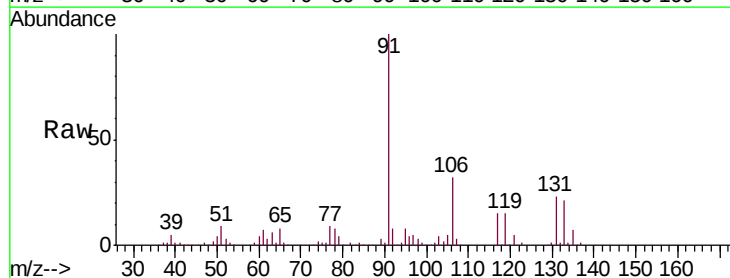
Instrument :
MSVOA_N
ClientSampled :
VN0802WBS01

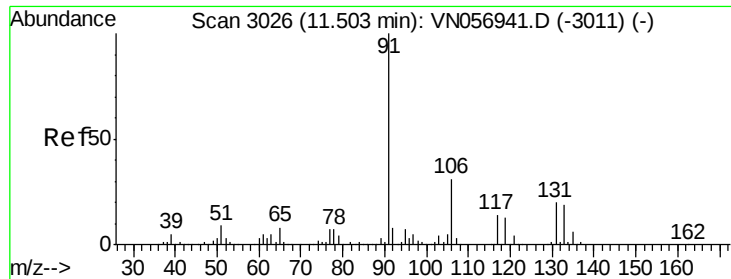
Tgt Ion:112 Resp: 237996
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.667 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion:131 Resp: 92075
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.0
119 65.3 33.2 99.6

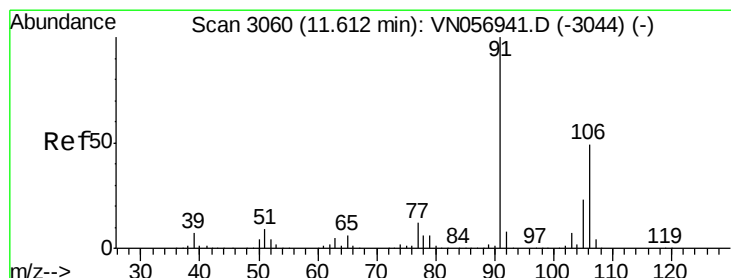
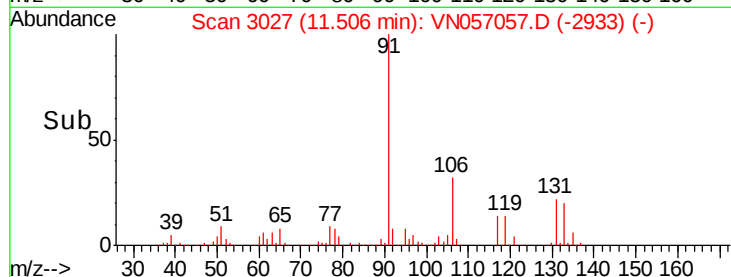
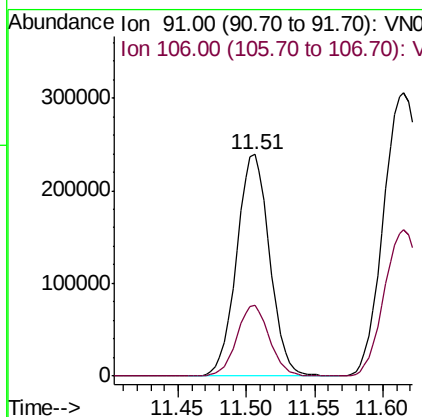
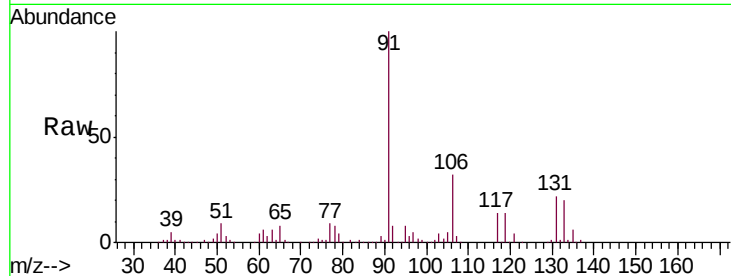




#67
Ethyl Benzene
Concen: 19.596 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

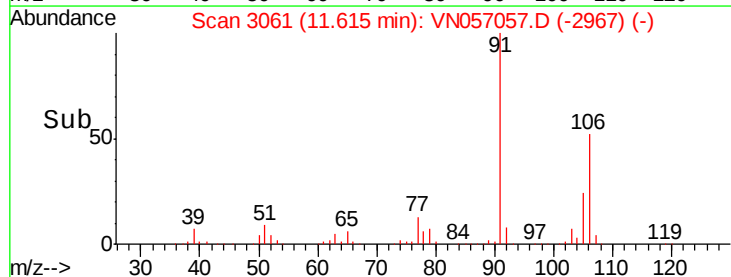
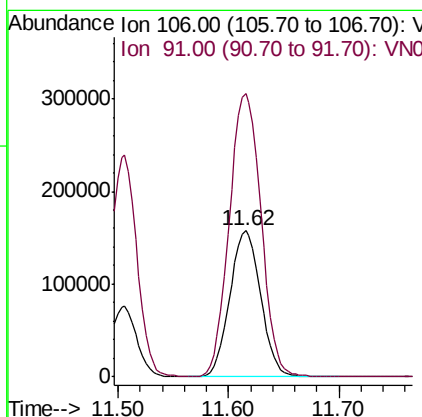
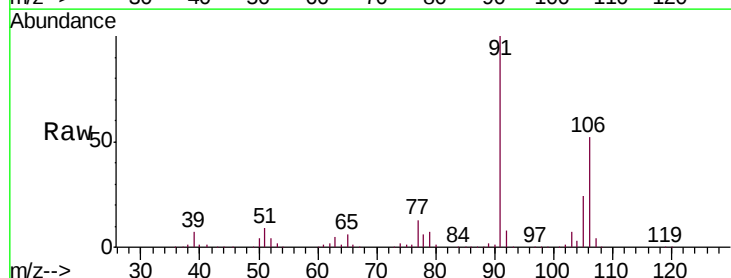
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

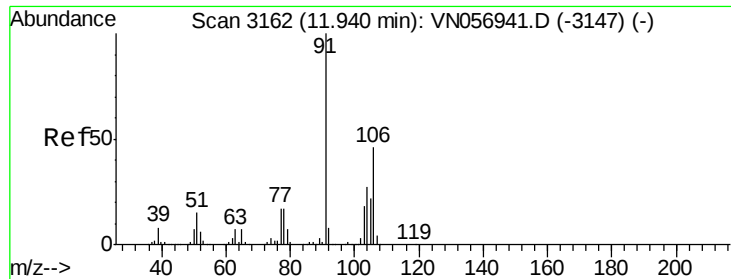
Tgt Ion: 91 Resp: 400892
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 40.530 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion: 106 Resp: 306002
Ion Ratio Lower Upper
106 100
91 198.9 160.0 240.0

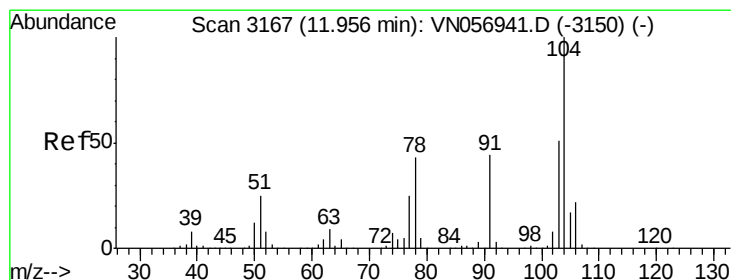
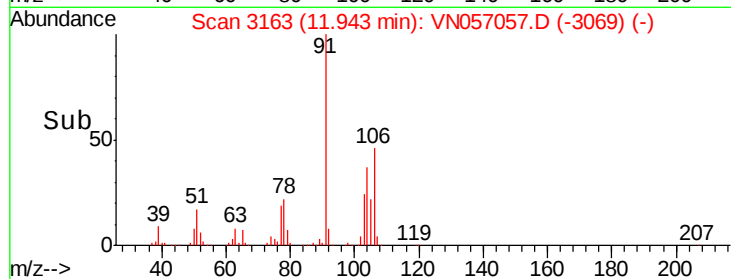
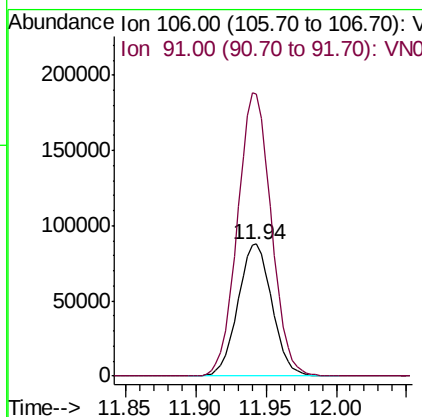
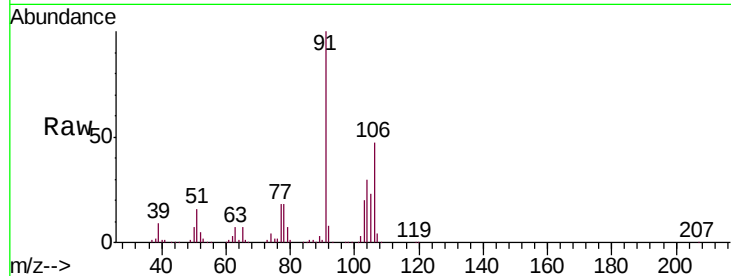




#69
o-Xylene
Concen: 20.184 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

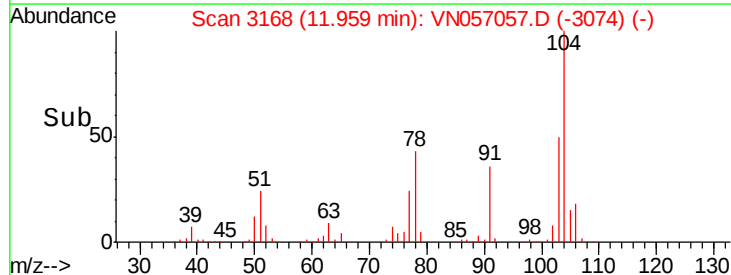
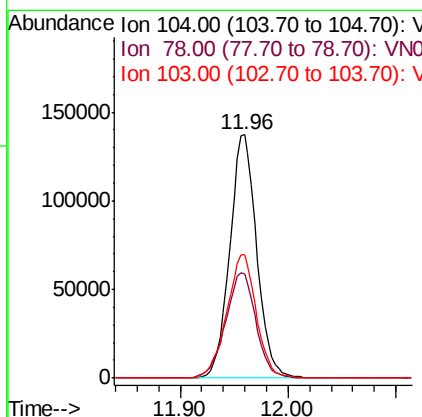
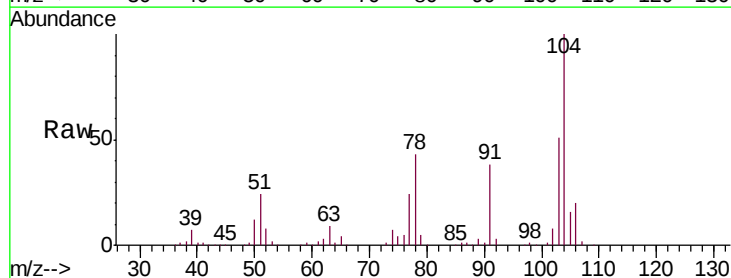
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

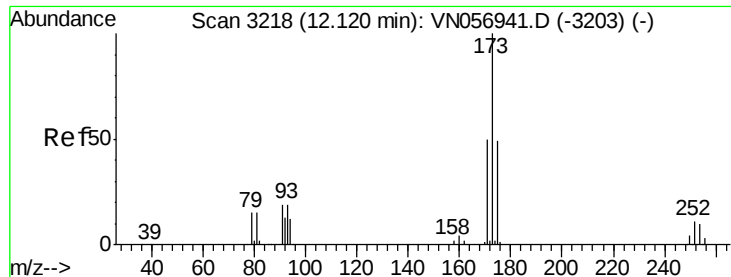
Tgt Ion:106 Resp: 149090
Ion Ratio Lower Upper
106 100
91 212.0 106.2 318.6



#70
Styrene
Concen: 19.532 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion:104 Resp: 239580
Ion Ratio Lower Upper
104 100
78 48.5 38.1 57.1
103 55.4 44.3 66.5





#71

Bromoform

Concen: 20.263 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

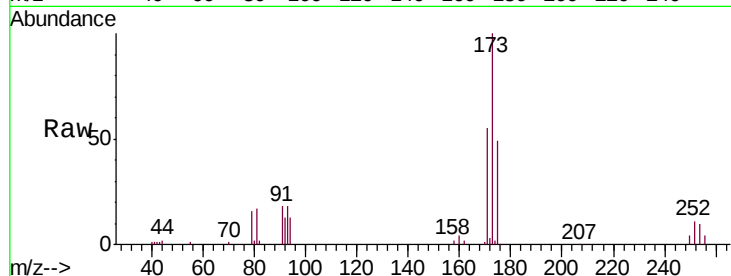
Tgt Ion:173 Resp: 63026

Ion Ratio Lower Upper

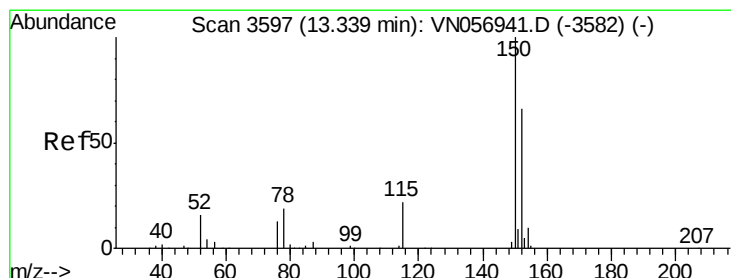
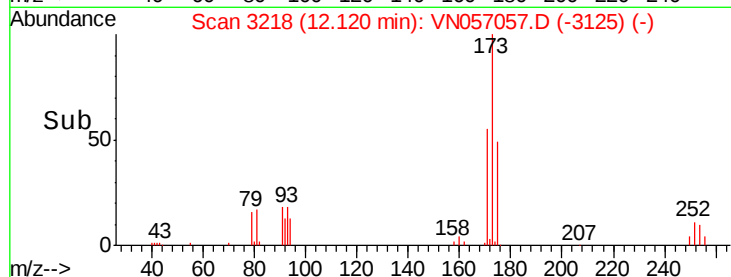
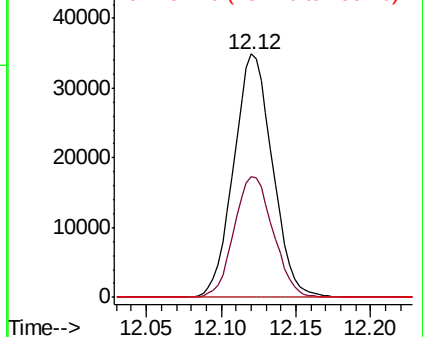
173 100

175 49.8 24.1 72.4

254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

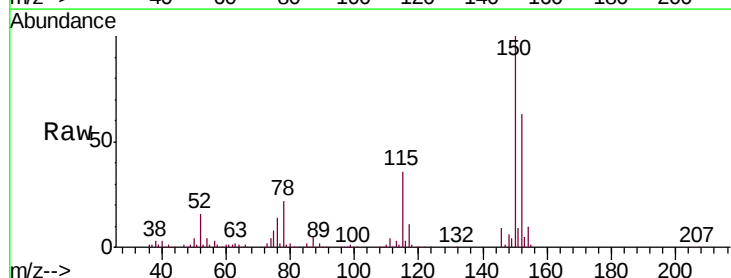
Tgt Ion:152 Resp: 220689

Ion Ratio Lower Upper

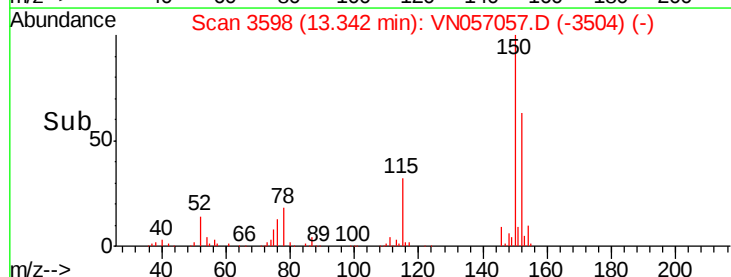
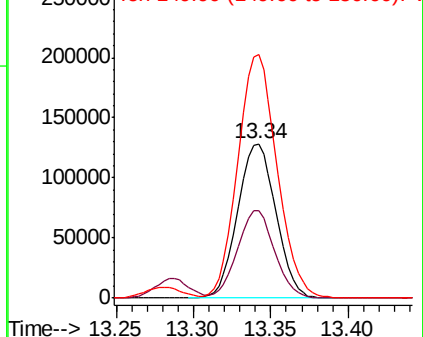
152 100

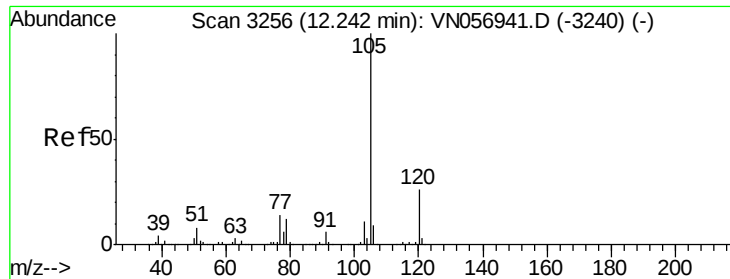
115 55.0 28.2 84.6

150 162.5 0.0 349.4



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: 20.774 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

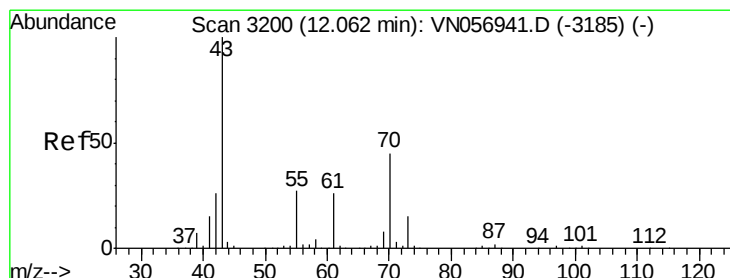
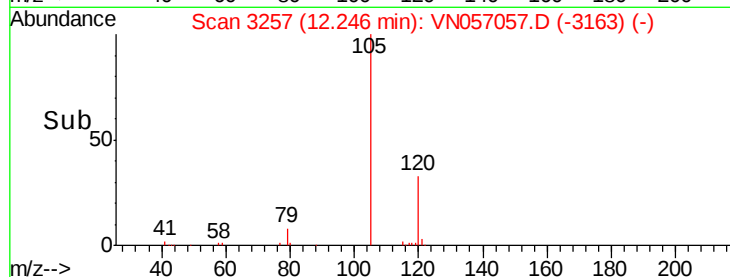
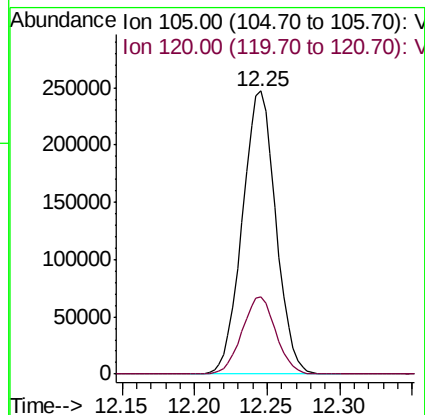
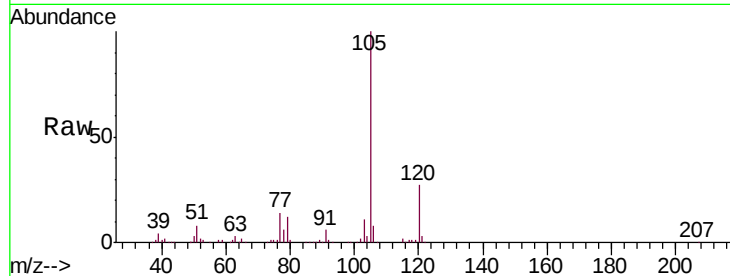
VN0802WBS01

Tgt Ion: 105 Resp: 396228

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 20.259 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Tgt Ion: 43 Resp: 112195

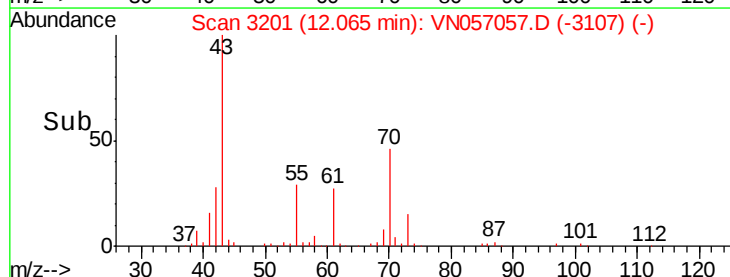
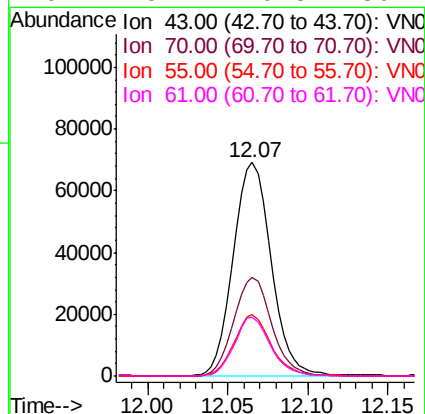
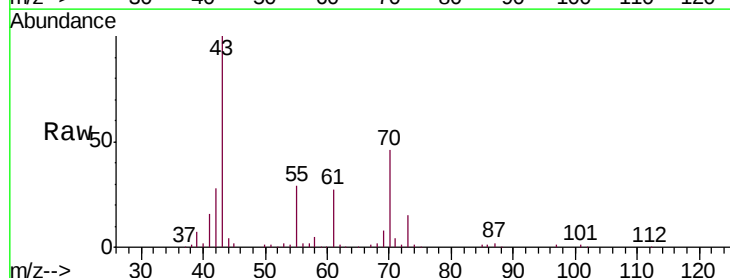
Ion Ratio Lower Upper

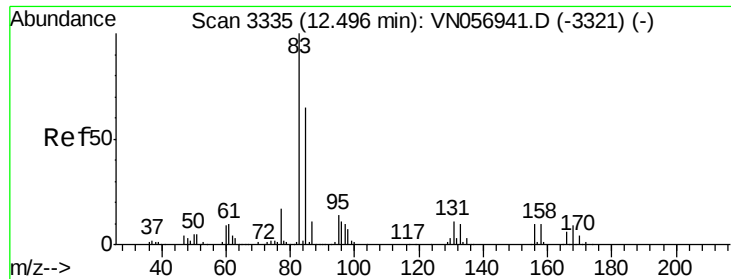
43 100

70 46.1 36.5 54.7

55 28.2 21.4 32.0

61 26.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.470 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

VN0802WBS01

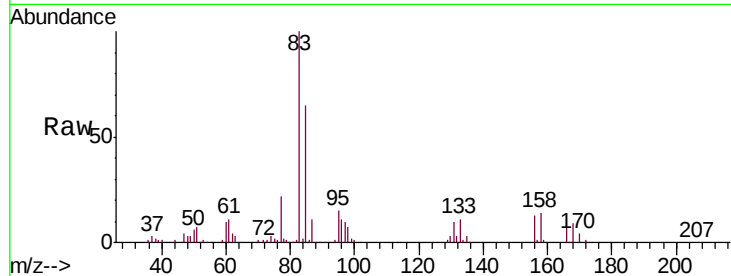
Tgt Ion: 83 Resp: 110529

Ion Ratio Lower Upper

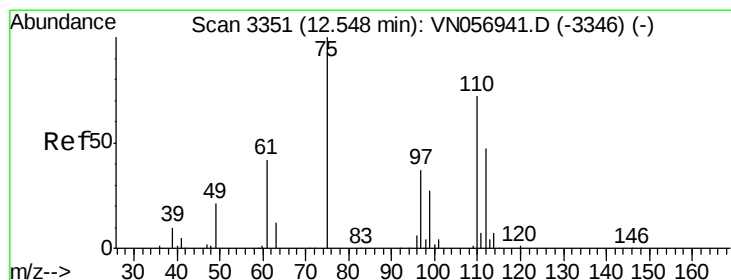
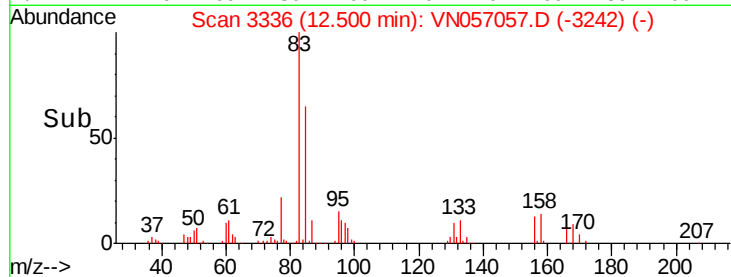
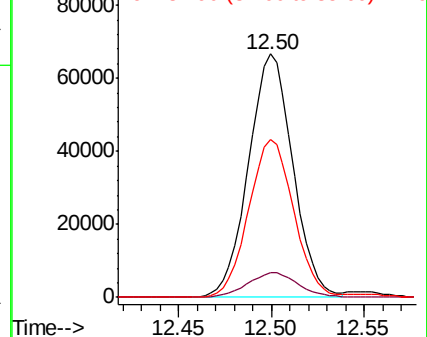
83 100

131 11.5 5.3 16.1

85 66.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 29.436 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN057057.D

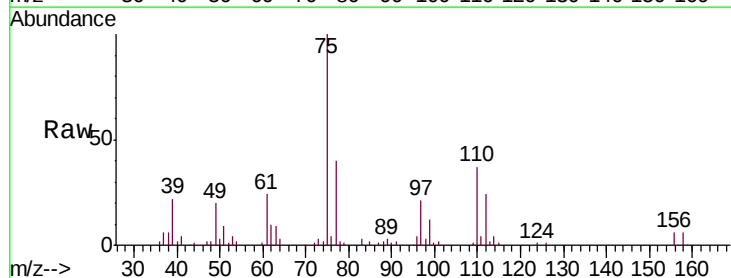
Acq: 2 Aug 2019 11:36

Tgt Ion: 75 Resp: 131927

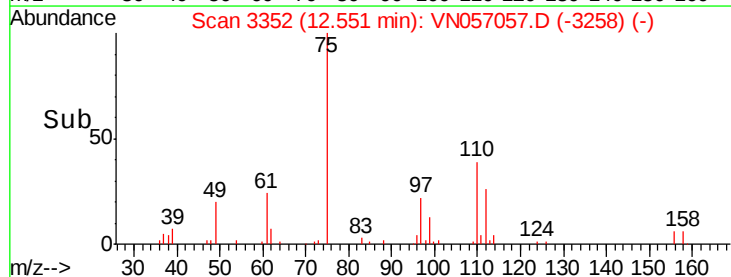
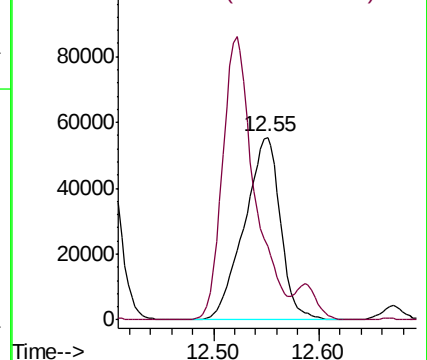
Ion Ratio Lower Upper

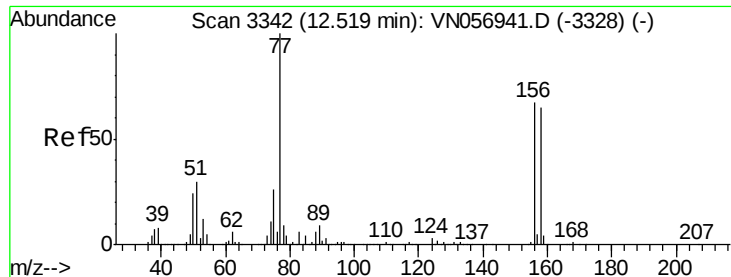
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 20.437 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

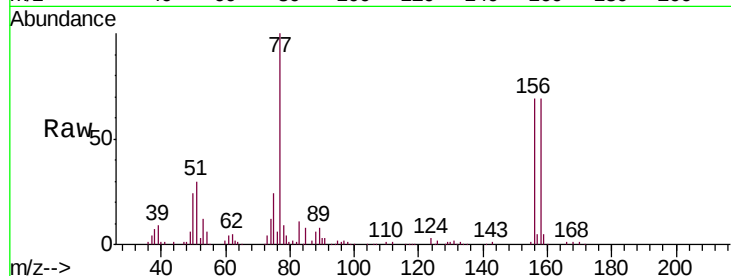
Tgt Ion:156 Resp: 101735

Ion Ratio Lower Upper

156 100

77 177.2 89.5 268.5

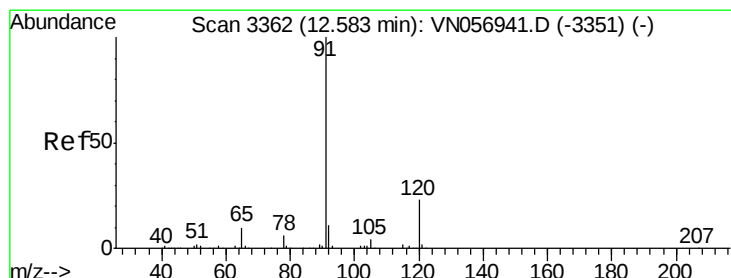
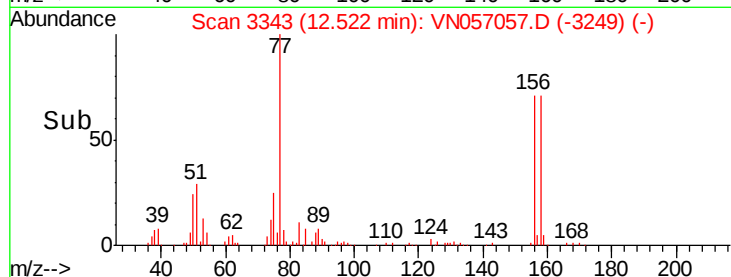
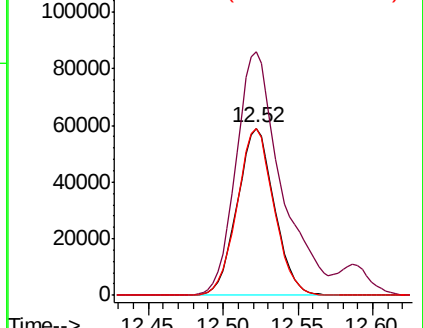
158 99.2 48.4 145.3



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: 20.222 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN057057.D

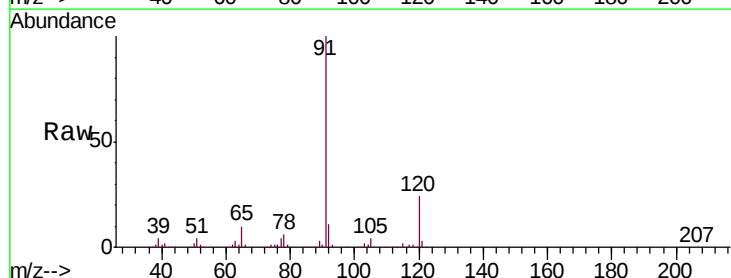
Acq: 2 Aug 2019 11:36

Tgt Ion: 91 Resp: 411812

Ion Ratio Lower Upper

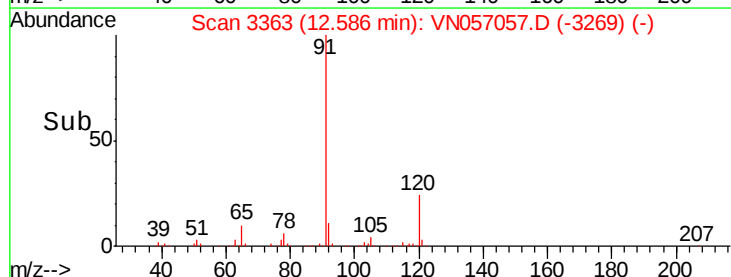
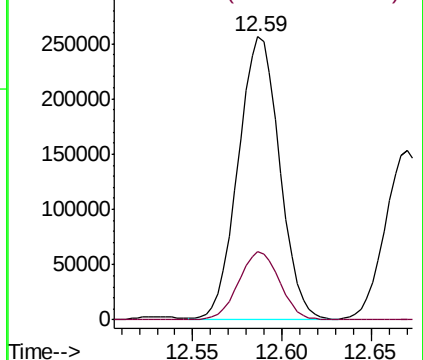
91 100

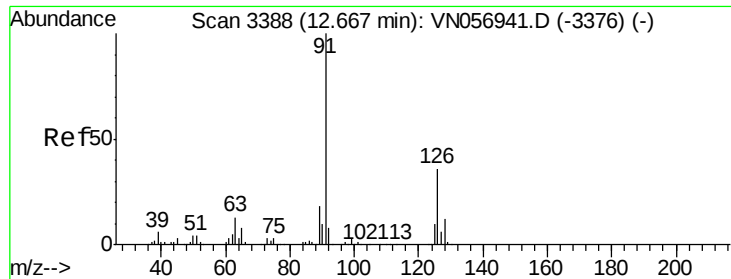
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.401 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

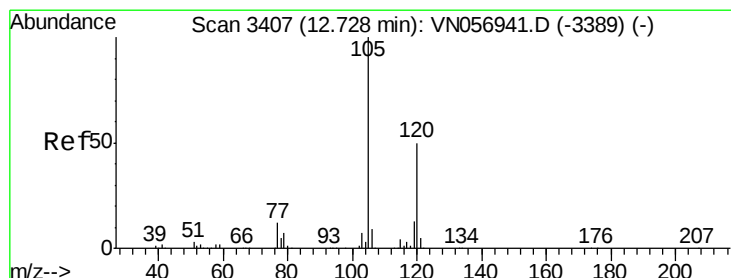
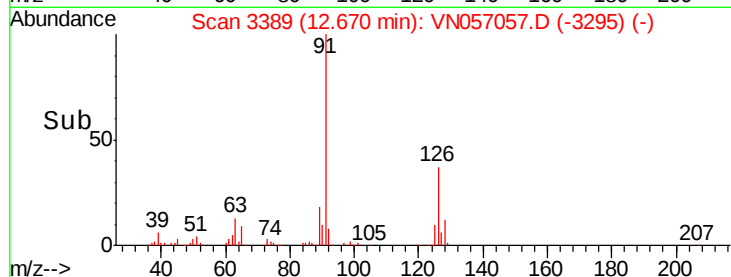
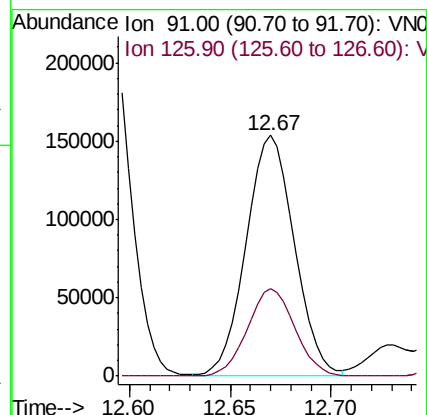
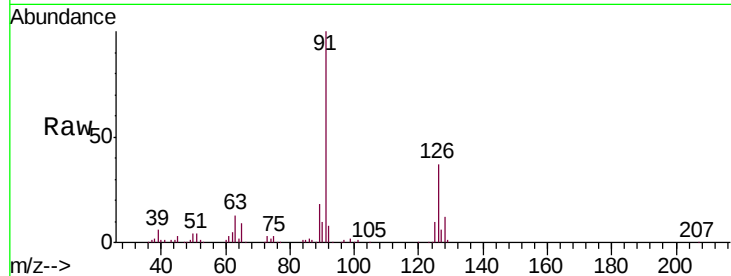
VN0802WBS01

Tgt Ion: 91 Resp: 255823

Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 21.615 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN057057.D

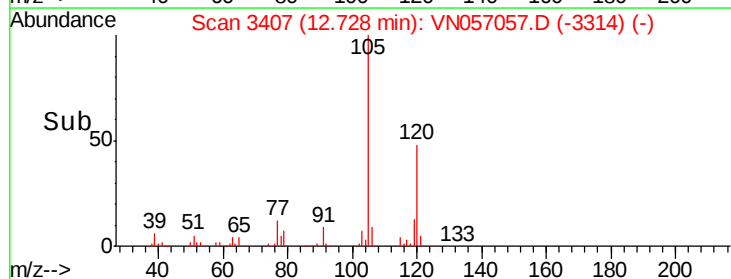
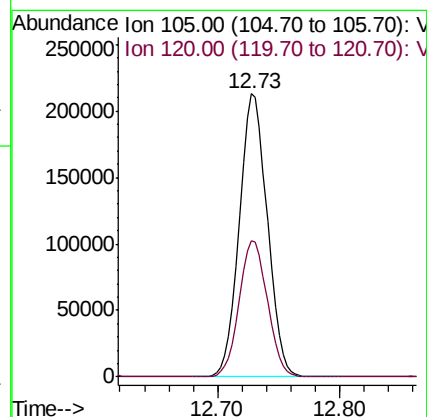
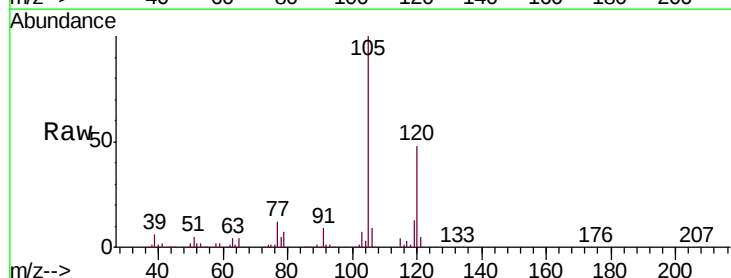
Acq: 2 Aug 2019 11:36

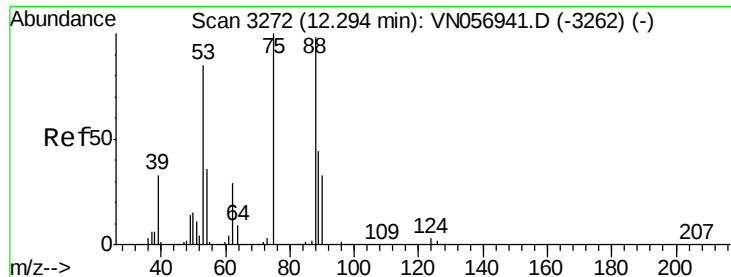
Tgt Ion: 105 Resp: 338353

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.636 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

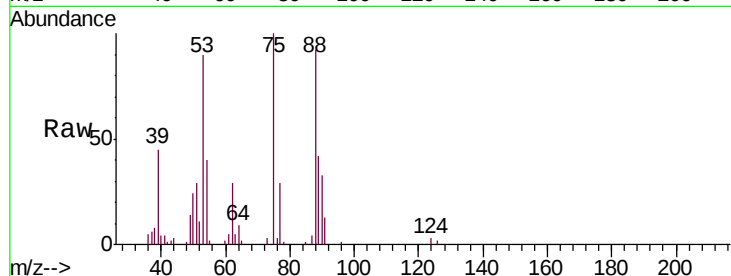
Tgt Ion: 75 Resp: 28785

Ion Ratio Lower Upper

75 100

53 94.1 69.3 103.9

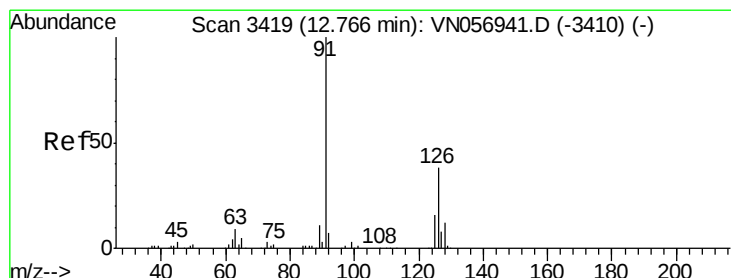
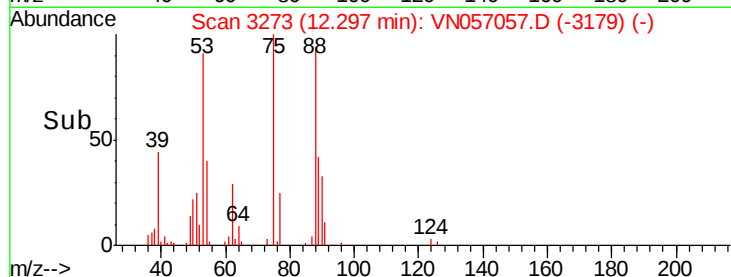
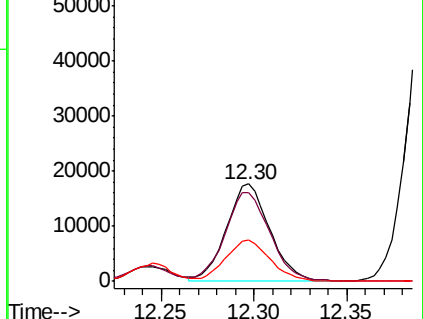
89 43.5 35.8 53.6



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: 20.160 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN057057.D

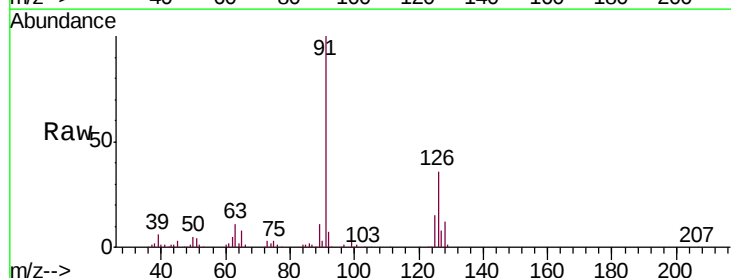
Acq: 2 Aug 2019 11:36

Tgt Ion: 91 Resp: 236582

Ion Ratio Lower Upper

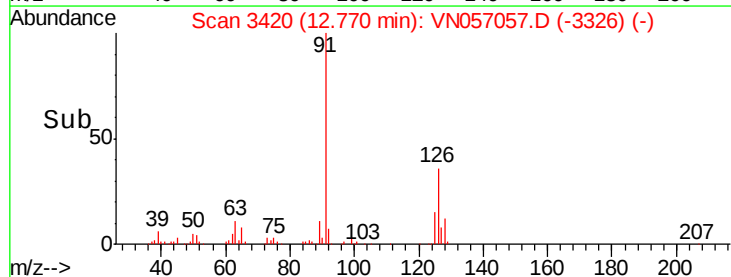
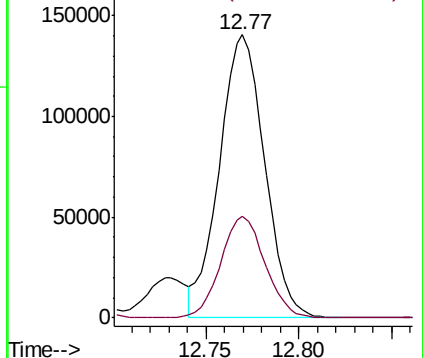
91 100

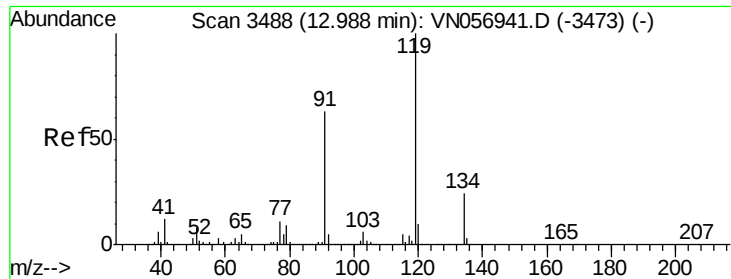
126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

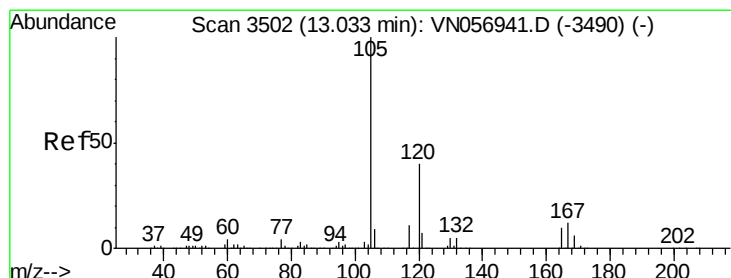
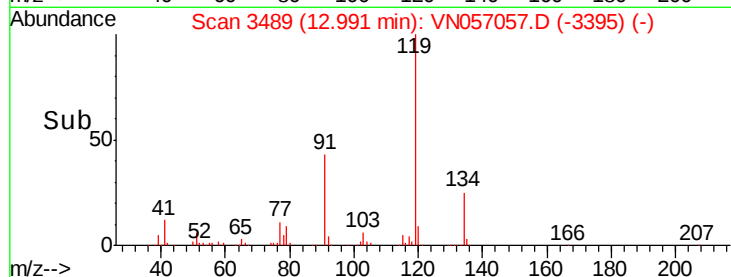
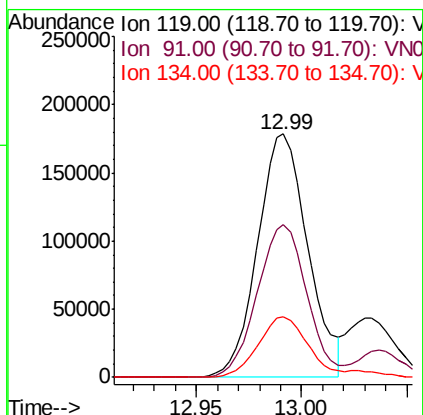
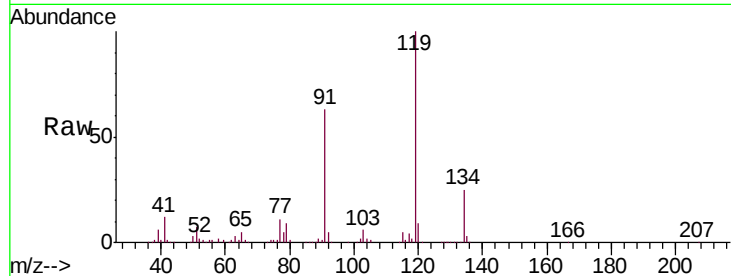




#83
 tert-Butylbenzene
 Concen: 21.368 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

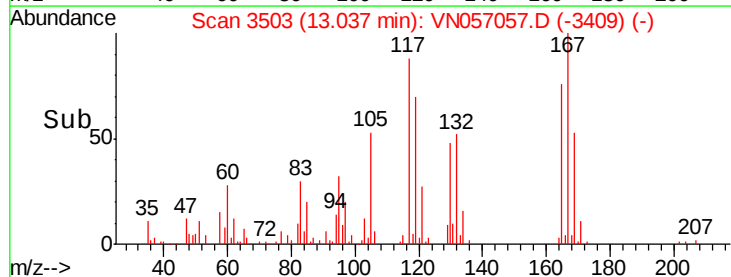
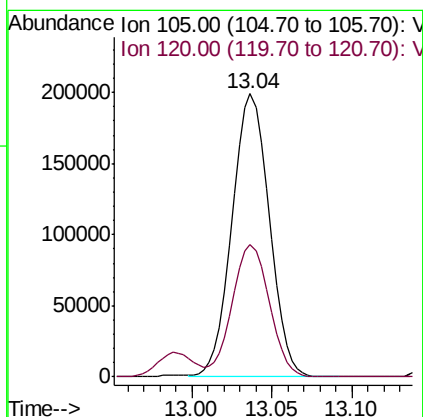
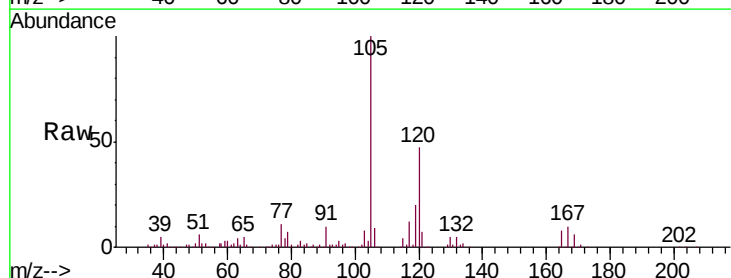
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

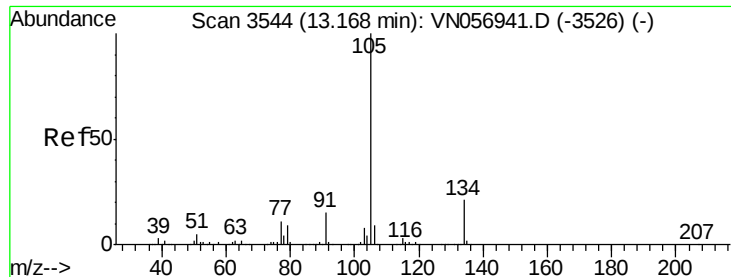
Tgt Ion:119 Resp: 296102
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.3 93.8
 134 24.7 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.897 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion:105 Resp: 314759
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.563 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

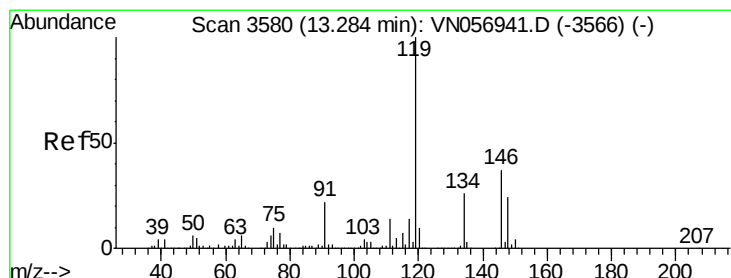
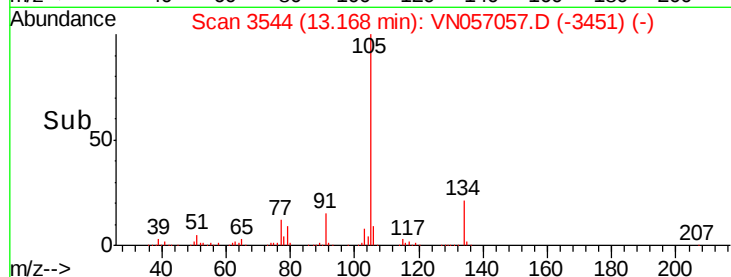
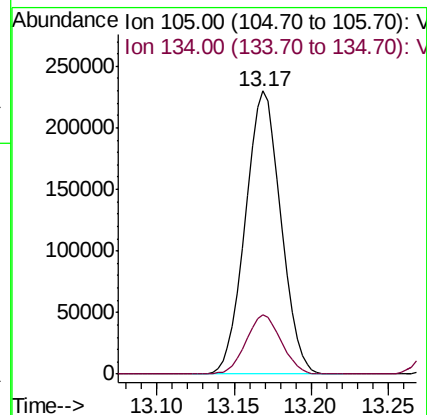
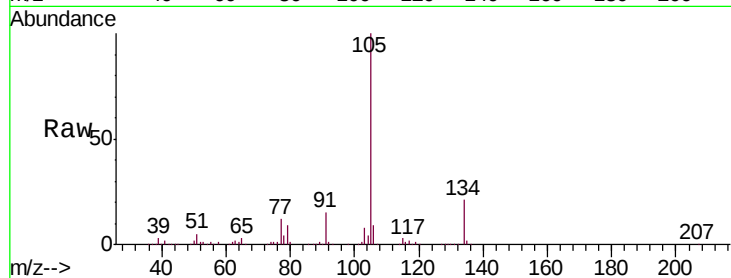
VN0802WBS01

Tgt Ion:105 Resp: 367547

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.645 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

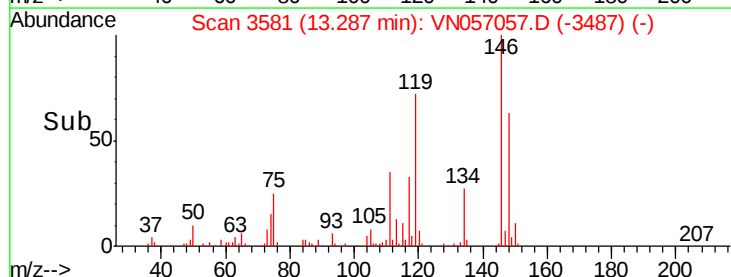
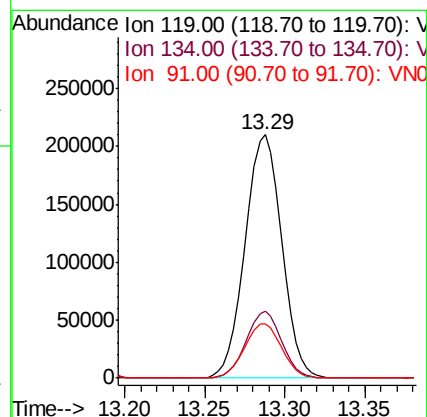
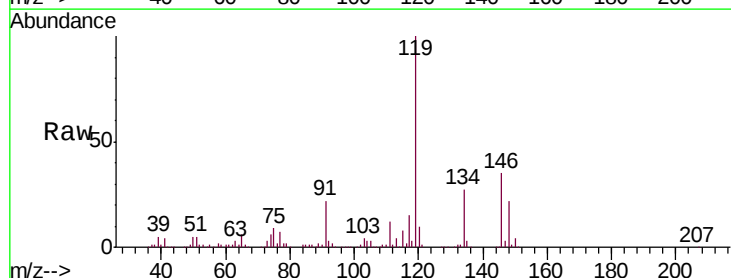
Tgt Ion:119 Resp: 327614

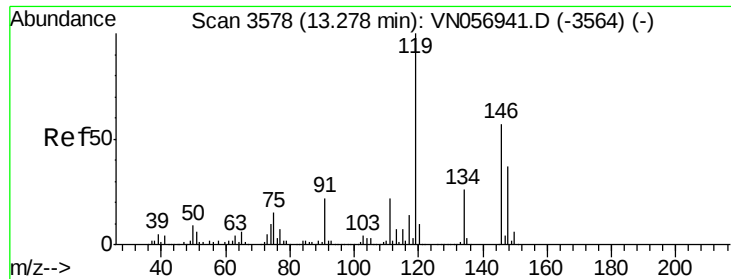
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.7 11.0 33.0

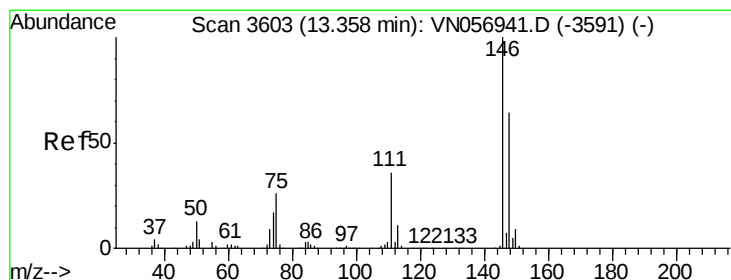
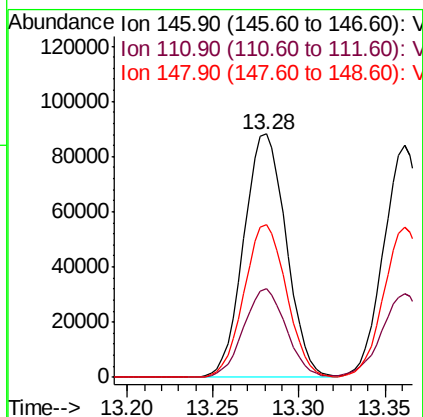
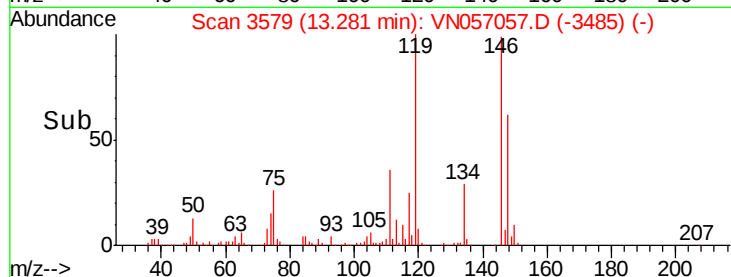
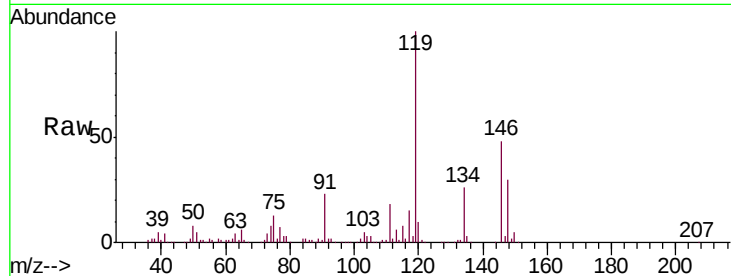




#87
 1,3-Dichlorobenzene
 Concen: 19.978 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

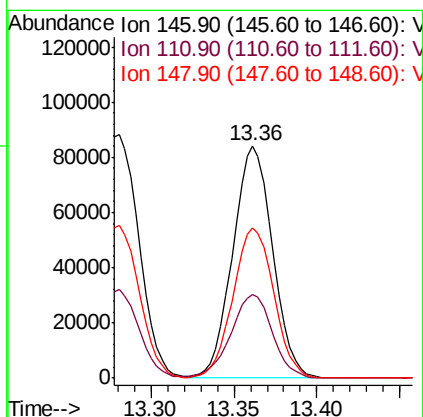
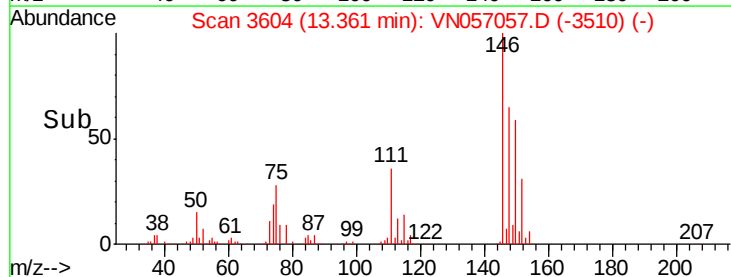
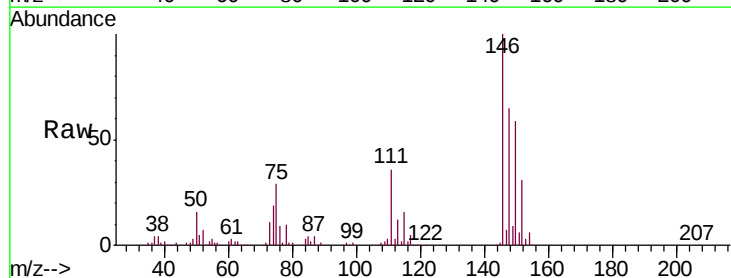
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

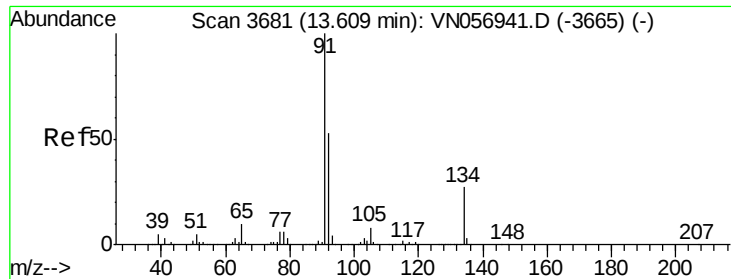
Tgt Ion:146 Resp: 151274
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.6 55.8
 148 62.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.279 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion:146 Resp: 140532
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.2
 148 66.4 32.3 96.9

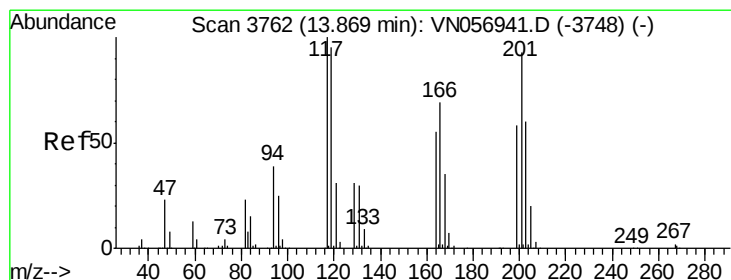
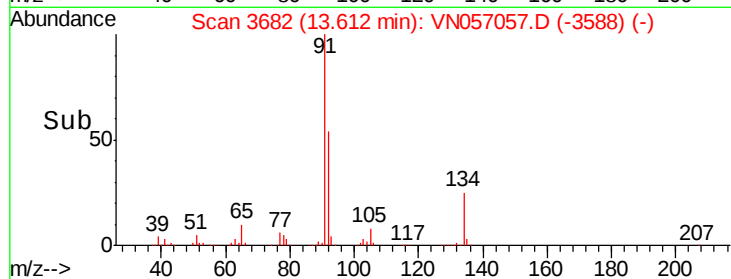
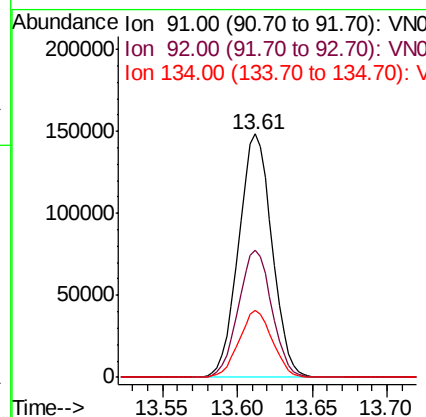
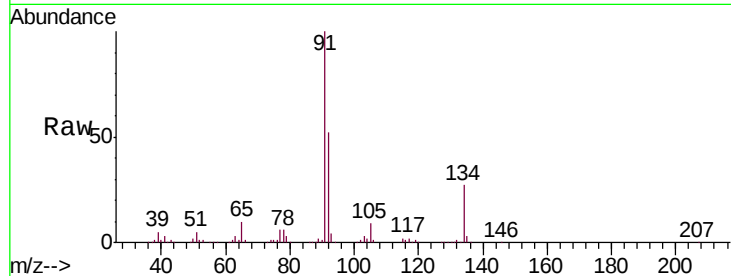




#89
n-Butylbenzene
Concen: 18.843 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

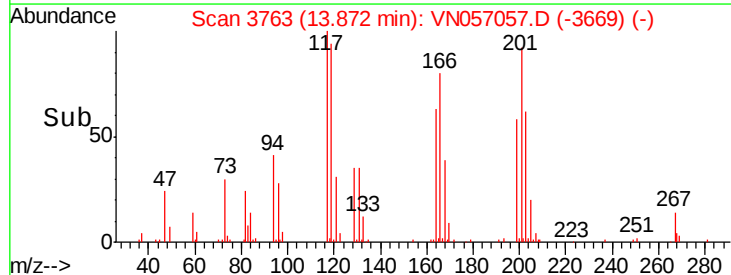
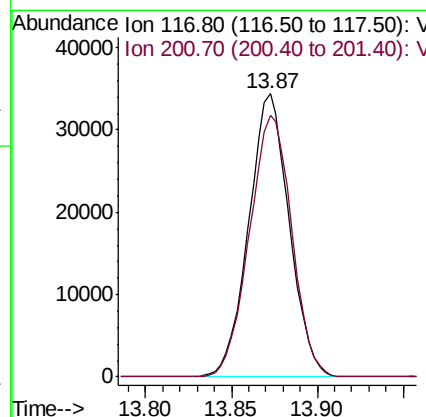
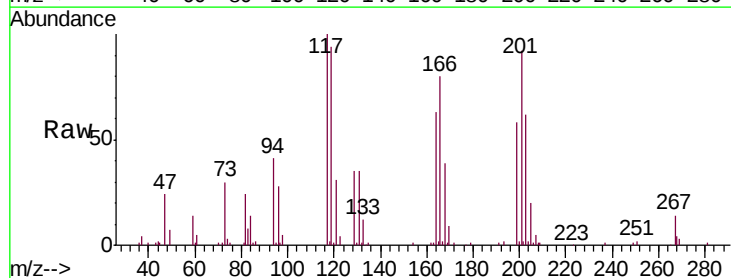
Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

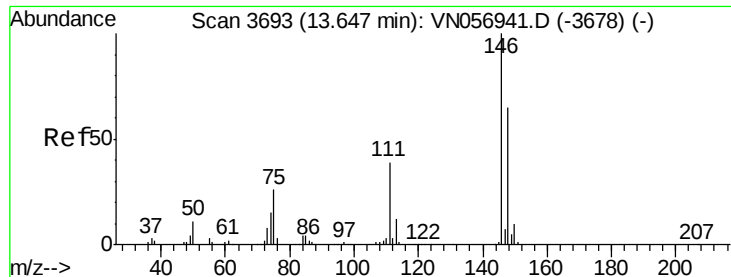
Tgt Ion: 91 Resp: 230460
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 27.4 13.5 40.4



#90
Hexachloroethane
Concen: 20.521 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion: 117 Resp: 56075
Ion Ratio Lower Upper
117 100
201 96.4 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 20.612 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0802WBS01

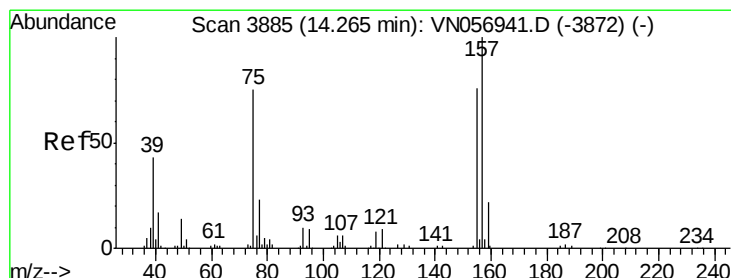
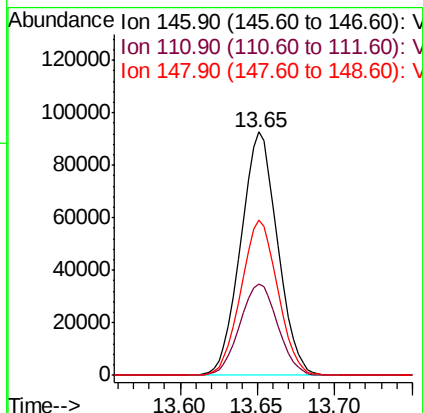
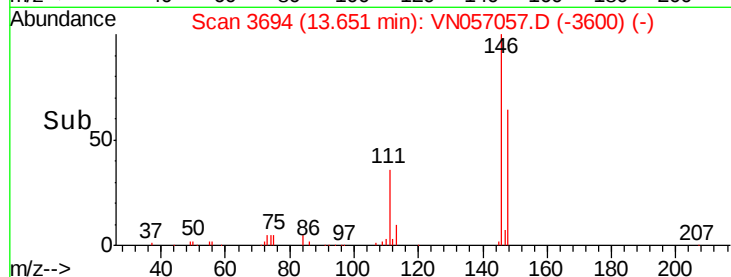
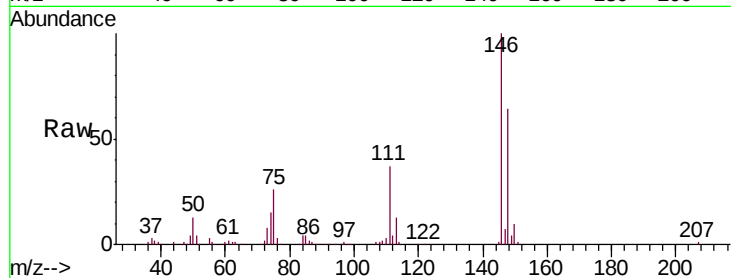
Tgt Ion:146 Resp: 153604

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.4

148 63.7 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.699 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN057057.D

Acq: 2 Aug 2019 11:36

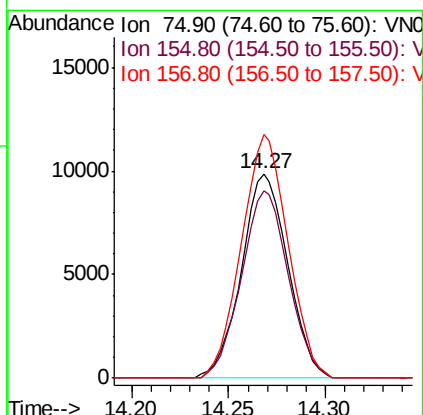
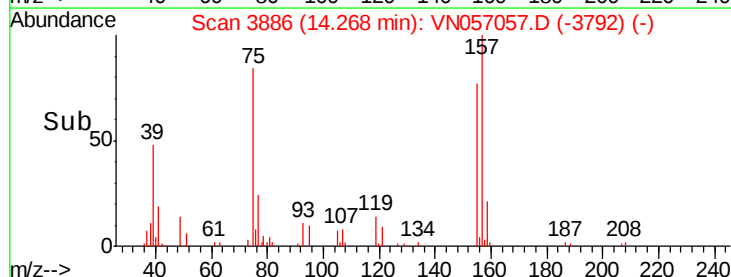
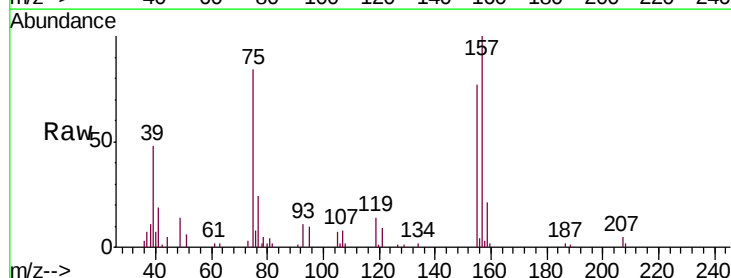
Tgt Ion: 75 Resp: 16461

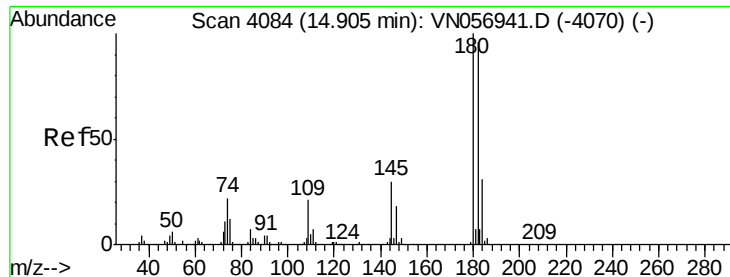
Ion Ratio Lower Upper

75 100

155 92.3 50.2 150.6

157 119.3 65.1 195.4

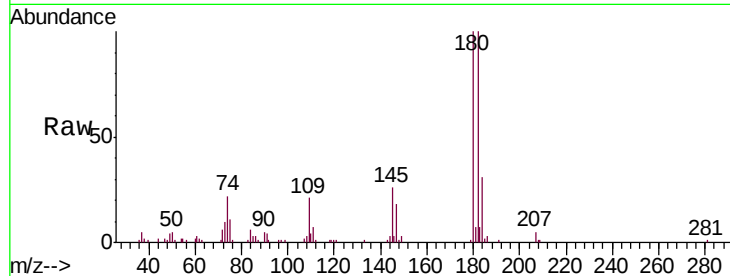




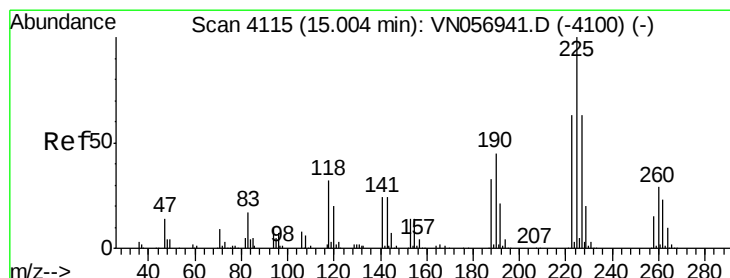
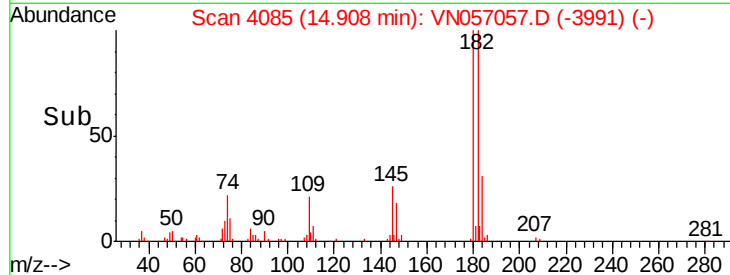
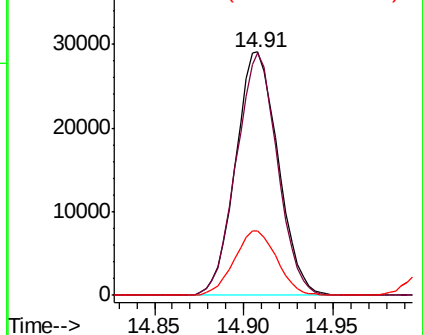
#93
 1,2,4-Trichlorobenzene
 Concen: 14.580 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

Tgt Ion:180 Resp: 48246
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.6 142.8
 145 26.4 14.2 42.8

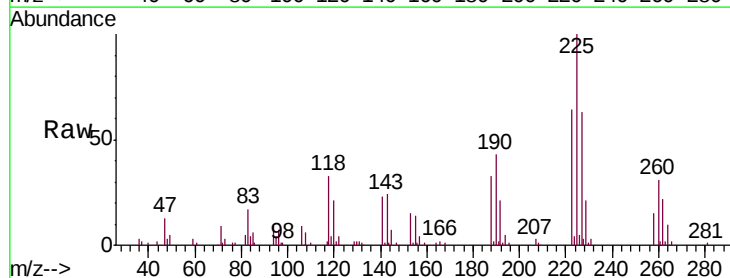


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

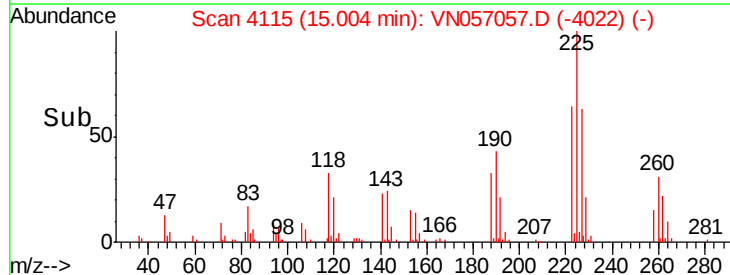
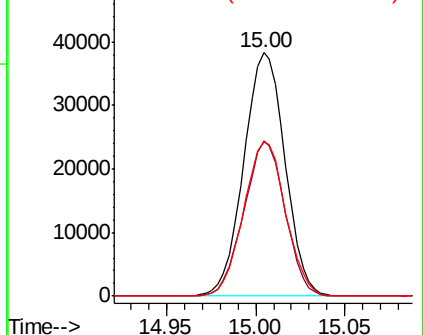


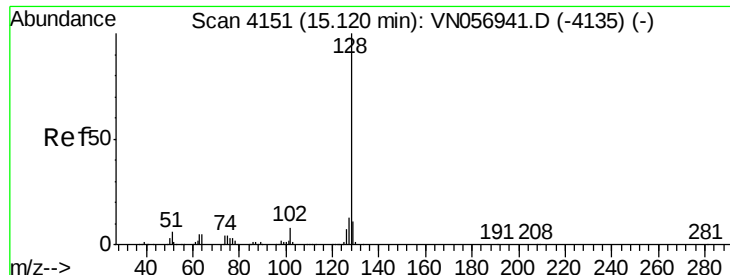
#94
 Hexachlorobutadiene
 Concen: 21.879 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN057057.D
 Acq: 2 Aug 2019 11:36

Tgt Ion:225 Resp: 61815
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.8 92.4
 227 64.3 31.1 93.5



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

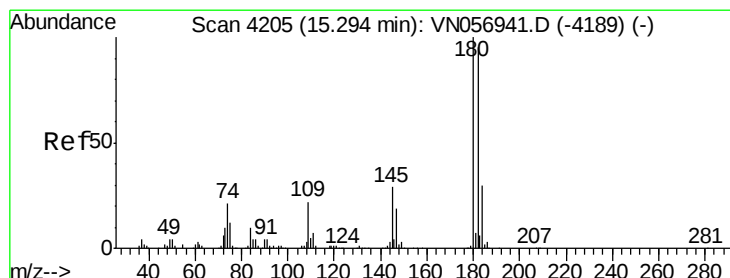
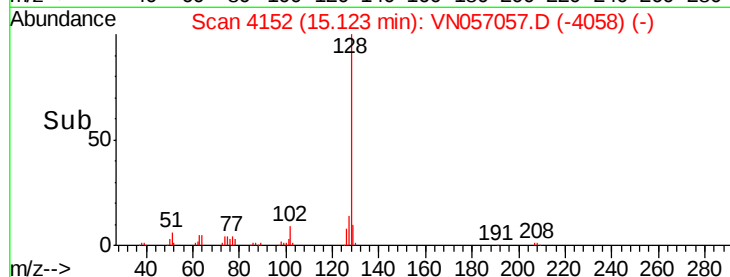
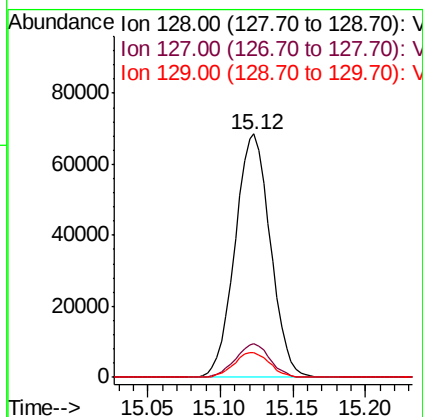
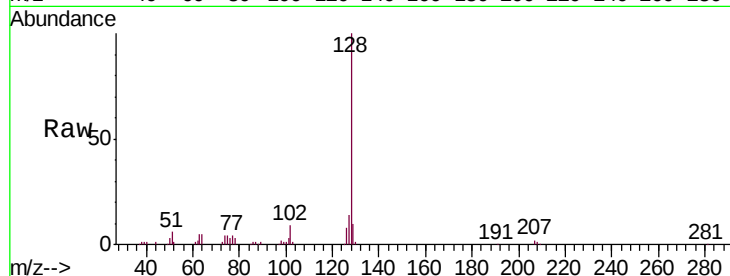




#95
Naphthalene
Concen: 15.055 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Tgt Ion:128 Resp: 115834
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.863 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN057057.D
Acq: 2 Aug 2019 11:36

Tgt Ion:180 Resp: 55959
Ion Ratio Lower Upper
180 100
182 98.7 48.0 144.2
145 30.6 15.0 45.0

