

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064677.D
 Acq On : 17 Nov 2020 13:55
 Operator : JC/MD
 Sample : L4772-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Nov 18 01:38:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	220982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	294907	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217711	56.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.12%	
35) Dibromofluoromethane	7.55	113	161936	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
50) Toluene-d8	10.06	98	592811	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.37	95	281966	64.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.16%	

Target Compounds

						Qvalue
3) Chloromethane	2.04	50	2099	0.601	ug/l	96
11) Tert butyl alcohol	4.75	59	7443	17.534	ug/l #	80
16) Acetone	3.78	43	8200	5.593	ug/l #	89
20) Methylene Chloride	4.51	84	1303	0.448	ug/l	89
27) cis-1,2-Dichloroethene	6.78	96	32936	10.592	ug/l	86
31) Cyclohexane	7.62	56	8957	1.914	ug/l #	52
36) 1,1-Dichloropropene	7.63	75	21867	4.682	ug/l #	51
37) Ethyl Acetate	6.88	43	29	0.768	ug/l #	71
38) Carbon Tetrachloride	7.62	117	26051	5.219	ug/l #	17
39) Methylcyclohexane	9.04	83	14907	3.560	ug/l	87
44) Trichloroethene	8.79	130	968	0.280	ug/l	88
49) 1,4-Dioxane	9.08	88	31	0.616	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	1221	0.277	ug/l #	77
55) 1,1,2-Trichloroethane	10.50	97	8007	2.453	ug/l #	18
56) Ethyl methacrylate	10.40	69	4522	2.652	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.81	63	29	21.548	ug/l #	51
59) 2-Hexanone	10.59	43	2543	4.723	ug/l	66
60) Dibromochloromethane	10.60	129	3283	0.898	ug/l #	10
64) Tetrachloroethene	10.60	164	2804	0.723	ug/l	93
67) Ethyl Benzene	11.48	91	1824641	92.968	ug/l	99
68) m/p-Xylenes	11.60	106	436177	61.280	ug/l	98
69) o-Xylene	11.92	106	44773	6.510	ug/l	90
70) Styrene	11.92	104	3423	0.296	ug/l #	1
71) Bromoform	12.38	173	813	1.531	ug/l #	1
73) Isopropylbenzene	12.22	105	2227519	95.030	ug/l	100
74) N-amyl acetate	12.02	43	44711	5.052	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.45	83	8217	1.141	ug/l #	25
76) 1,2,3-Trichloropropane	12.57	75	29252	4.094	ug/l #	100
78) n-propylbenzene	12.56	91	4046551	151.423	ug/l	99
79) 2-Chlorotoluene	12.66	91	121825	7.188	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.71	105	718149	37.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.22	75	30338	11.855	ug/l #	62
82) 4-Chlorotoluene	12.66	91	121825	6.863	ug/l #	44
83) tert-Butylbenzene	12.97	119	274674	18.187	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

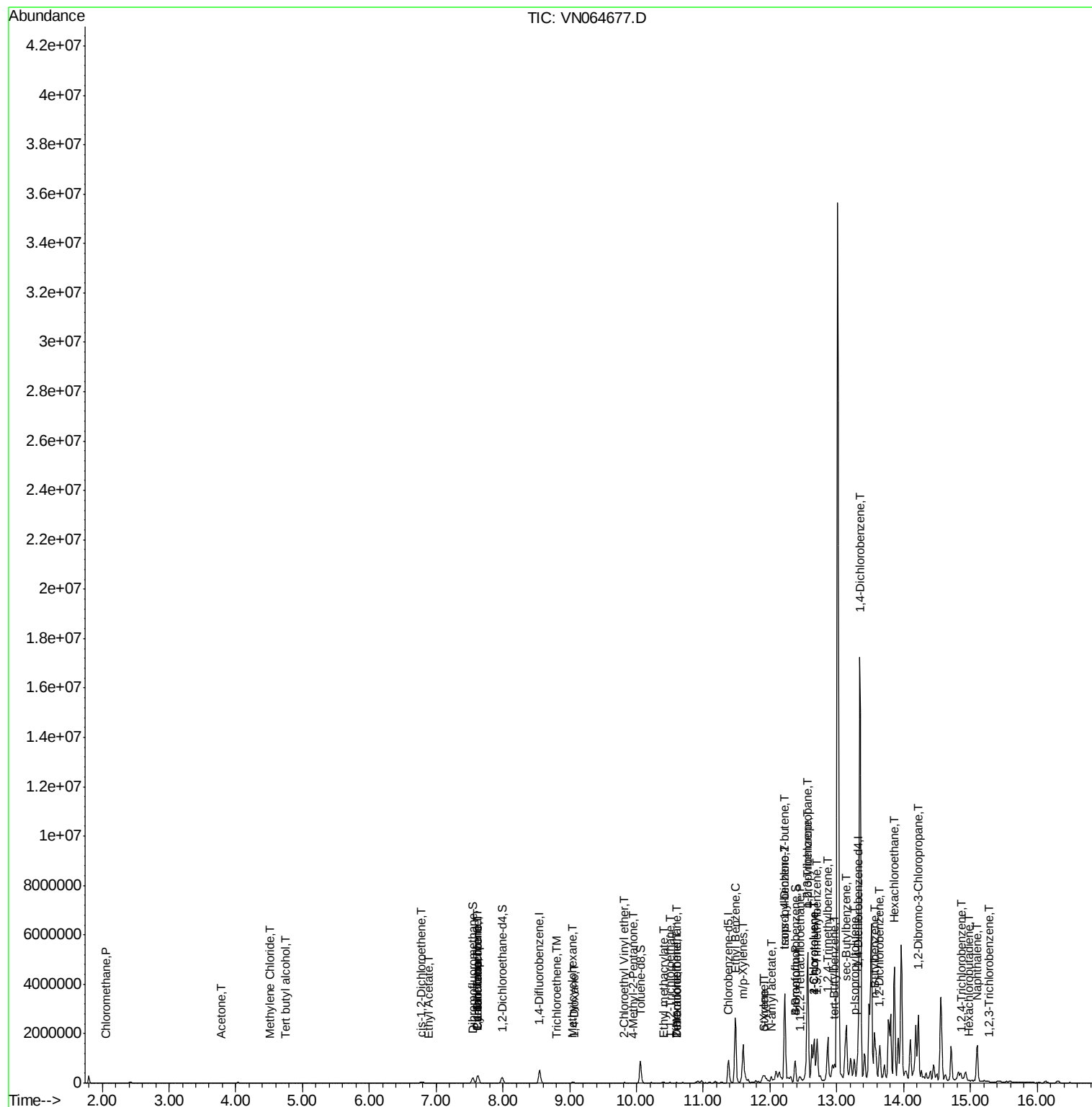
84) 1,2,4-Trimethylbenzene	12.86	105	1050729	54.051	ug/l	79
85) sec-Butylbenzene	13.14	105	1306094	68.284	ug/l #	76
86) p-Isopropyltoluene	13.26	119	377323	21.932	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	5587	0.547	ug/l #	16
89) n-Butylbenzene	13.59	91	708602	47.903	ug/l #	77
90) Hexachloroethane	13.86	117	223847	67.447	ug/l #	18
91) 1,2-Dichlorobenzene	13.63	146	2634	0.277	ug/l #	38
92) 1,2-Dibromo-3-Chloropropan	14.22	75	10311	7.193	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.88	180	1252	2.914	ug/l #	80
94) Hexachlorobutadiene	14.98	225	508	0.262	ug/l #	37
95) Naphthalene	15.10	128	1250028	75.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	1177	3.018	ug/l #	1

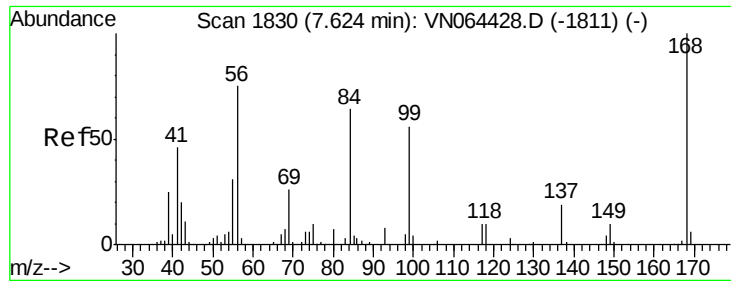
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

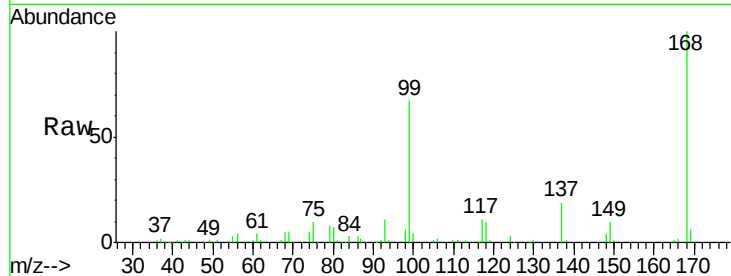
MW-4

Tot Ion:168 Resp: 220982

Ion Ratio Lower Upper

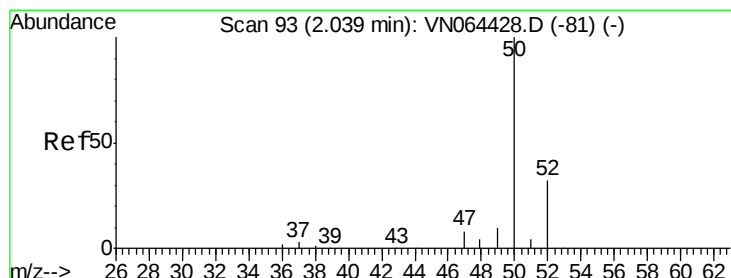
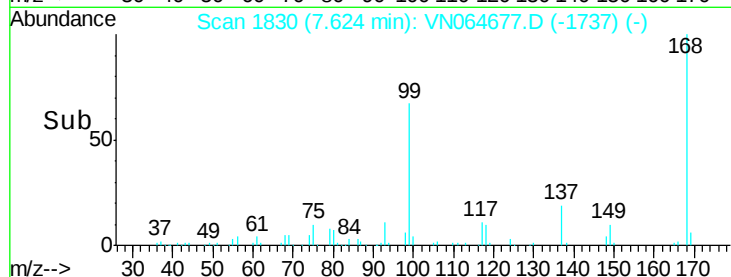
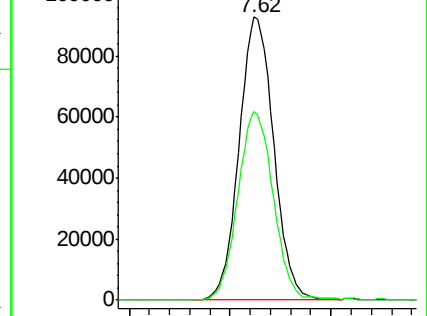
168 100

99 66.6 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.601 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064677.D

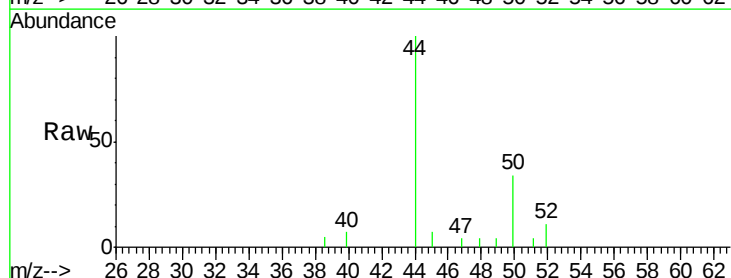
Acq: 17 Nov 2020 13:55

Tgt Ion: 50 Resp: 2099

Ion Ratio Lower Upper

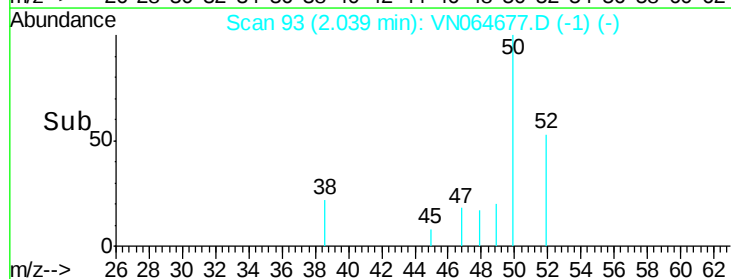
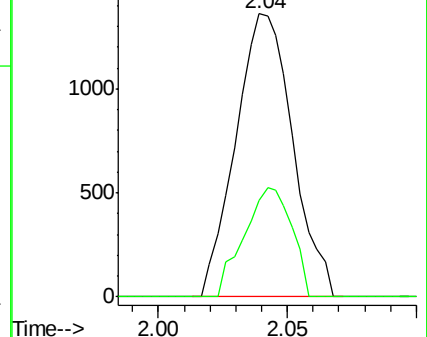
50 100

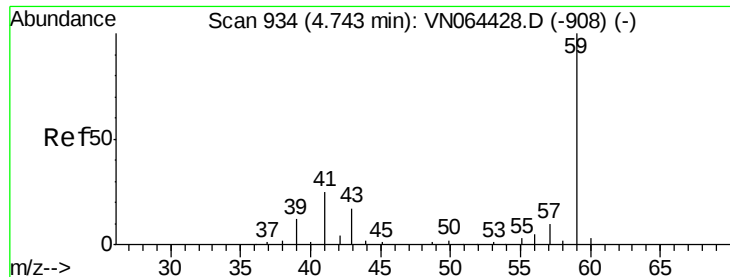
52 34.0 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

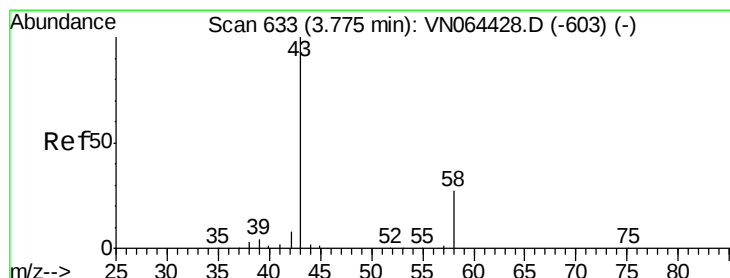
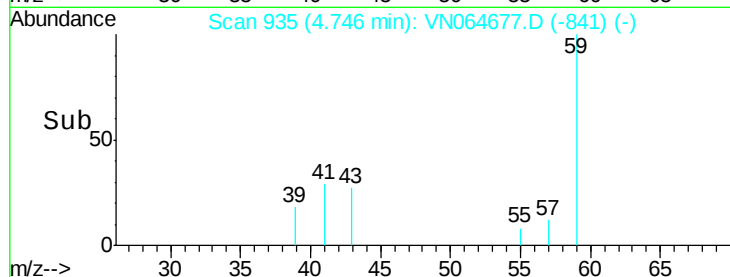
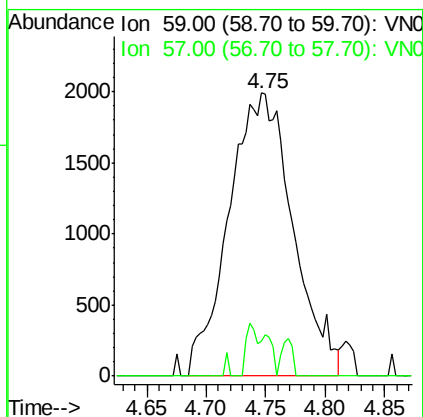
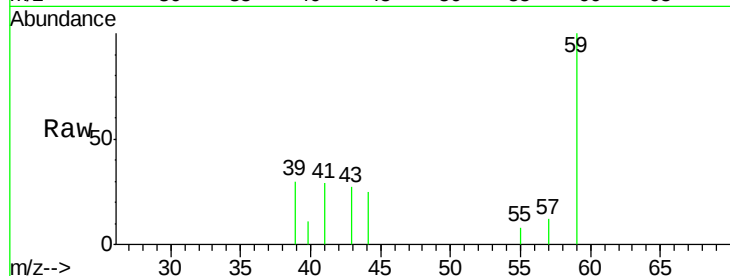




#11
Tert butyl alcohol
Concen: 17.534 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

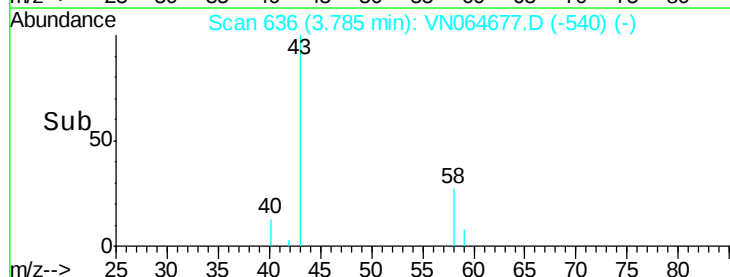
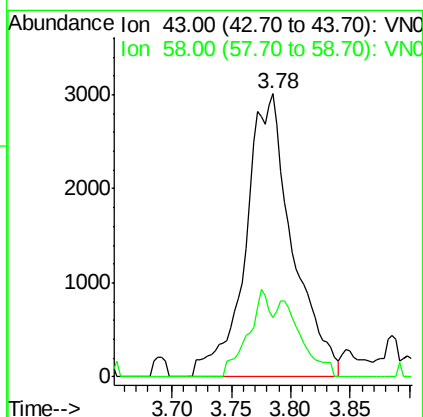
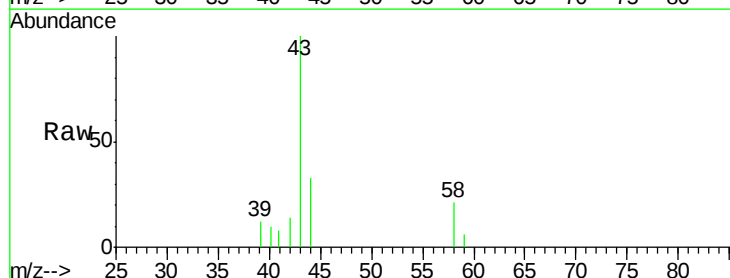
Instrument :
MSVOA_N
ClientSampled :
MW-4

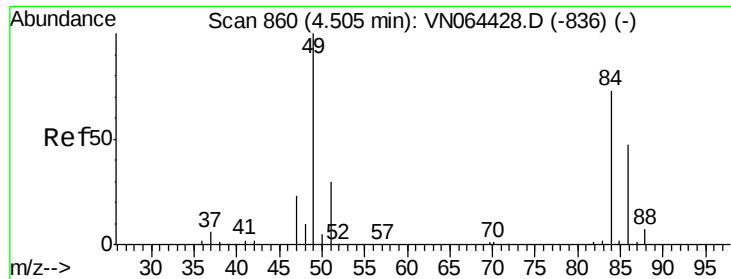
Tot Ion: 59 Resp: 7443
Ion Ratio Lower Upper
59 100
57 3.7 9.0 13.4#



#16
Acetone
Concen: 5.593 ug/l
RT: 3.78 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Tgt Ion: 43 Resp: 8200
Ion Ratio Lower Upper
43 100
58 21.2 21.4 32.0#

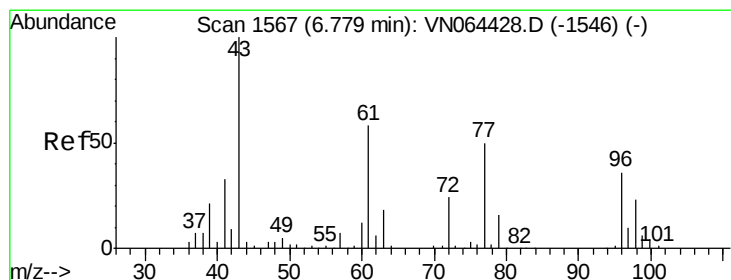
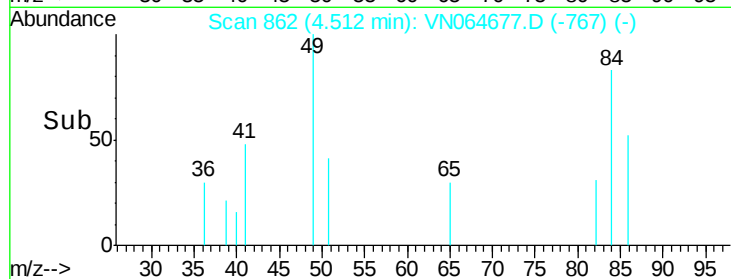
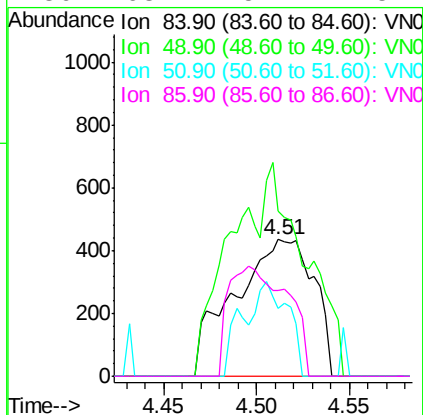
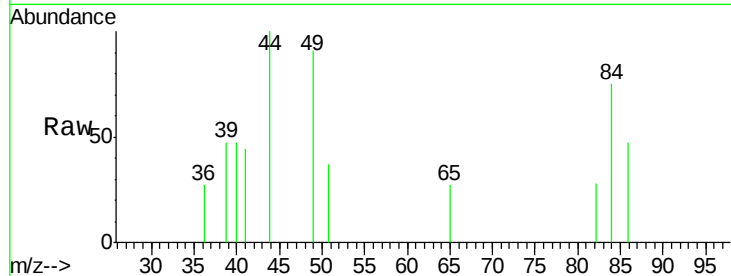




#20
Methvlene Chloride
Concen: 0.448 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

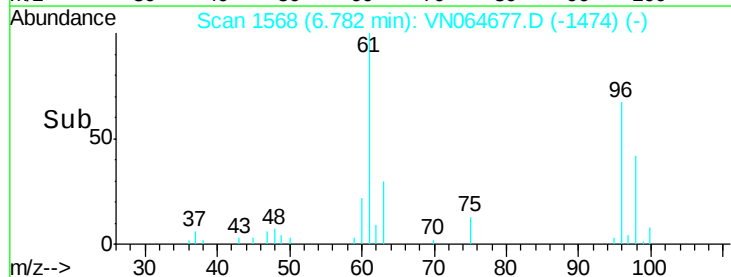
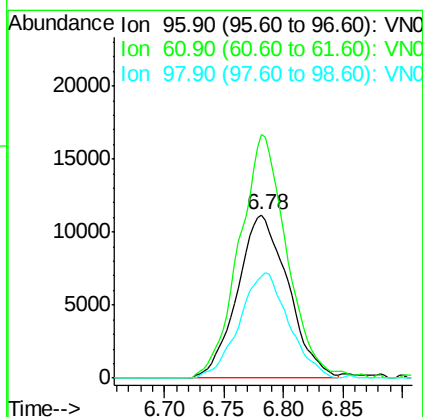
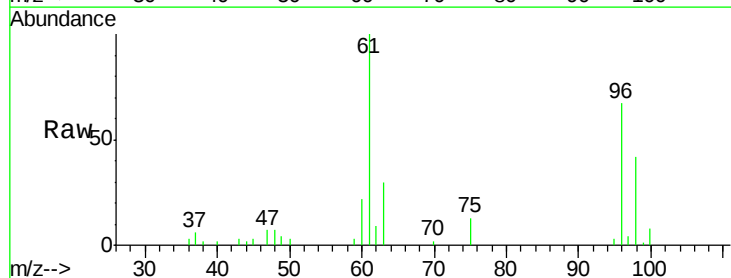
Instrument :
MSVOA_N
ClientSampled :
MW-4

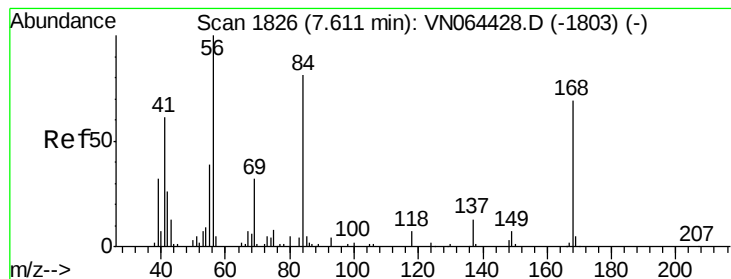
Tot Ion:	84	Resp:	1303
Ion	Ratio	Lower	Upper
84	100		
49	120.9	110.1	165.1
51	49.8	33.6	50.4
86	63.1	52.1	78.1



#27
cis-1,2-Dichloroethene
Concen: 10.592 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Tgt Ion:	96	Resp:	32936
Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	329.6
98	62.8	0.0	131.2





#31

Cyclohexane

Concen: 1.914 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

MW-4

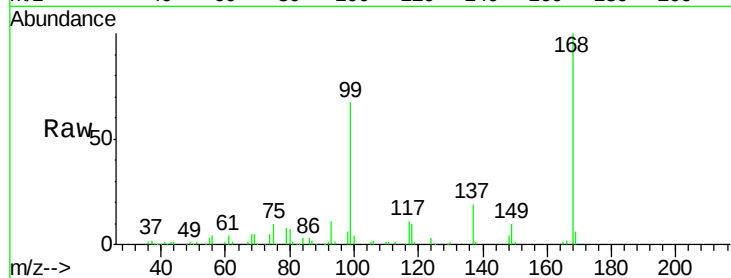
Tot Ion: 56 Resp: 8957

Ion Ratio Lower Upper

56 100

69 115.0 25.6 38.4#

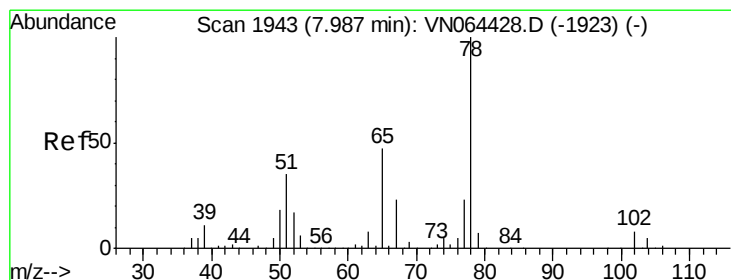
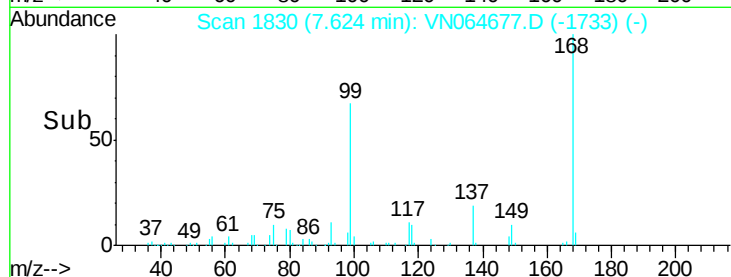
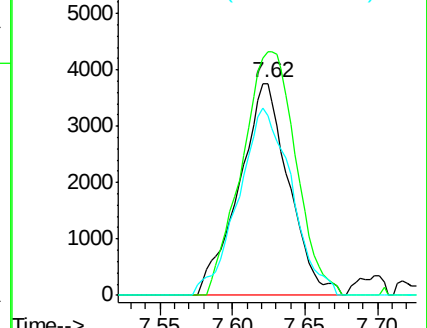
84 84.9 63.0 94.6



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



#33

1,2-Dichloroethane-d4

Concen: 56.561 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064677.D

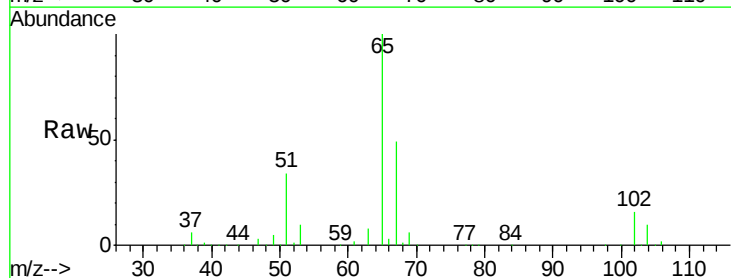
Acq: 17 Nov 2020 13:55

Tgt Ion: 65 Resp: 217711

Ion Ratio Lower Upper

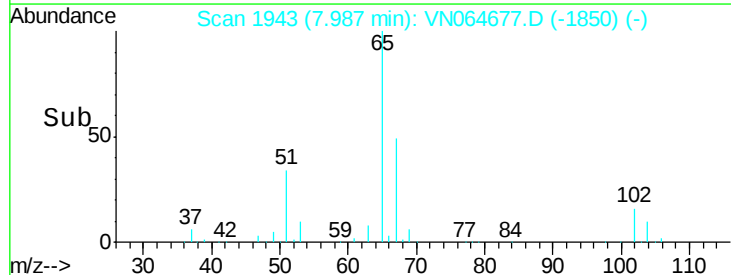
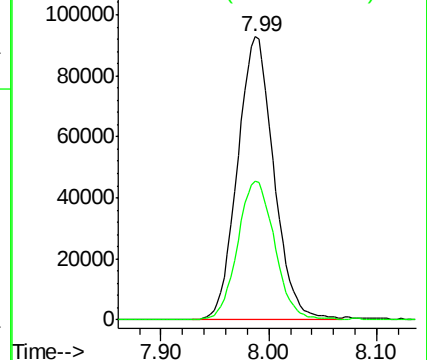
65 100

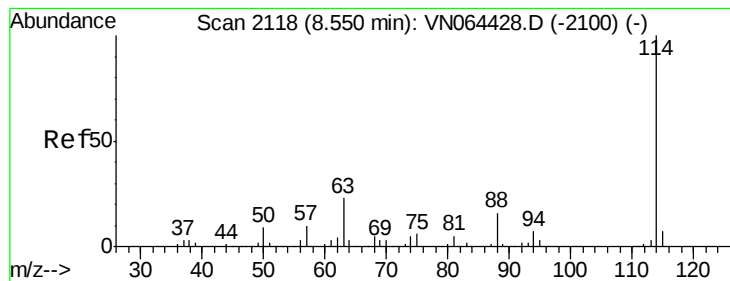
67 50.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

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ClientSampled :

MW-4

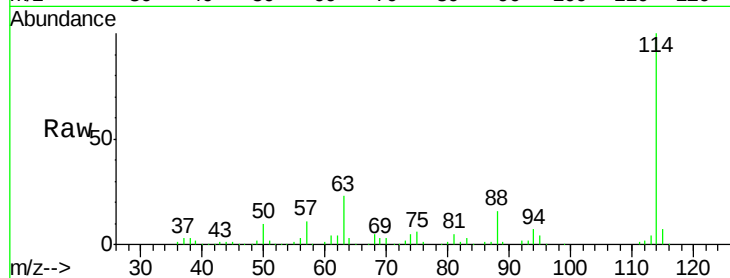
Tot Ion:114 Resp: 442110

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

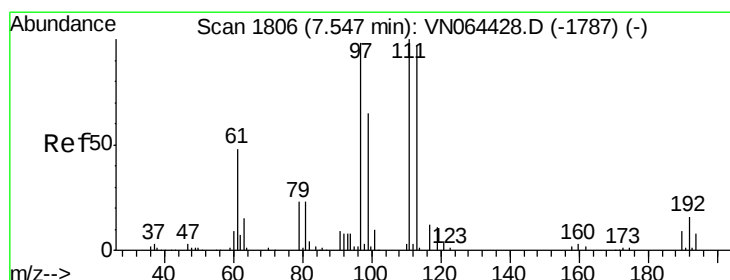
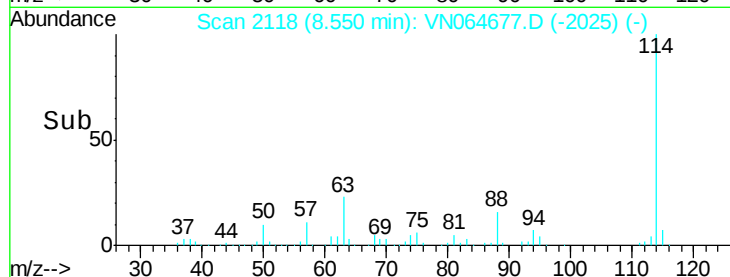
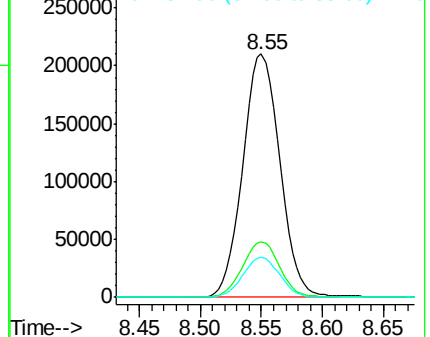
88 16.5 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 53.796 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

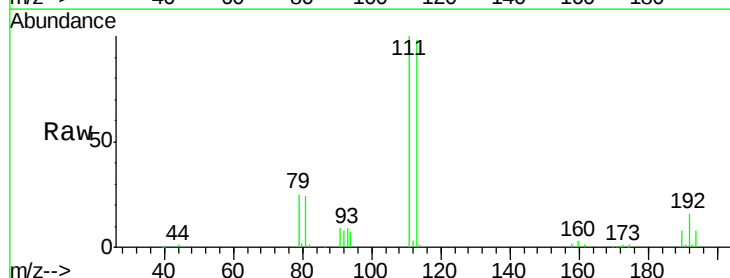
Tgt Ion:113 Resp: 161936

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

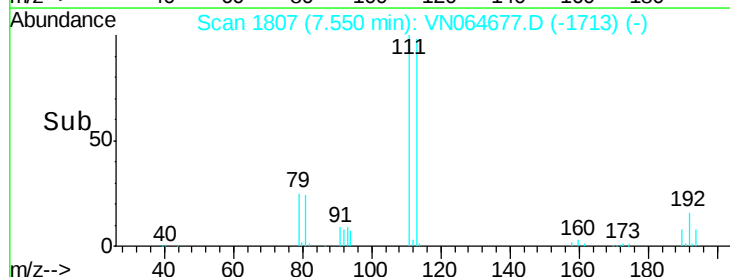
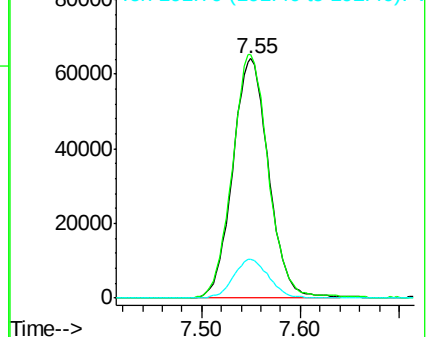
192 16.0 12.8 19.2

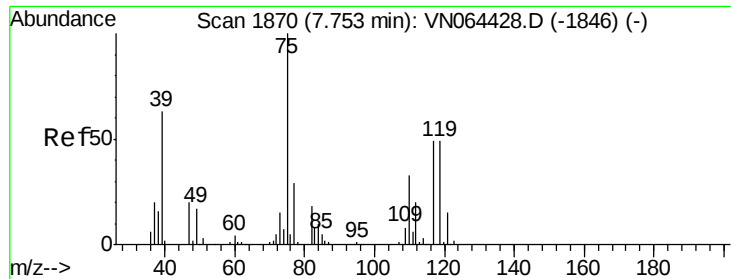


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

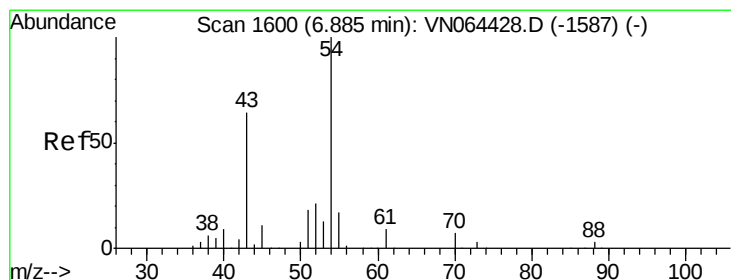
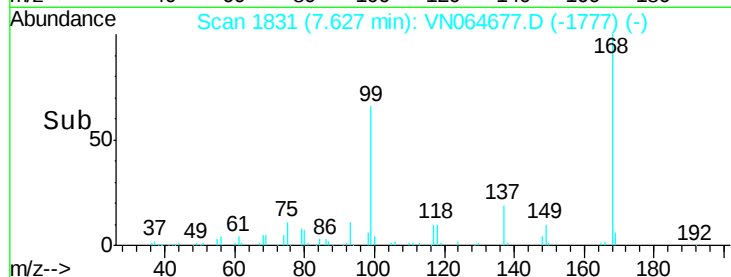
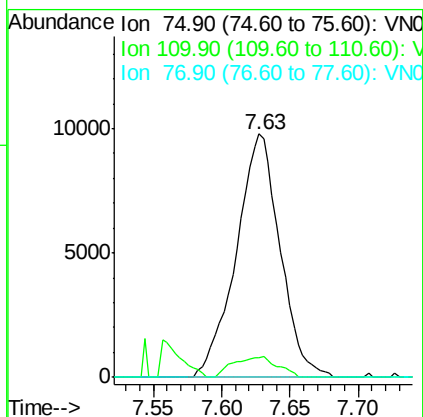
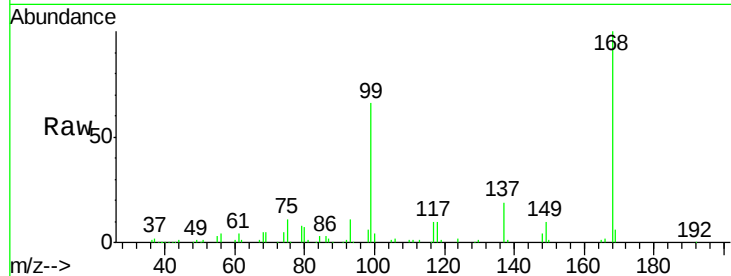




#36
 1,1-Dichloropropene
 Concen: 4.682 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064677.D
 Acq: 17 Nov 2020 13:55

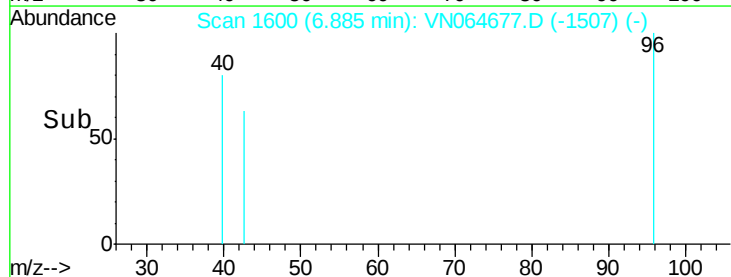
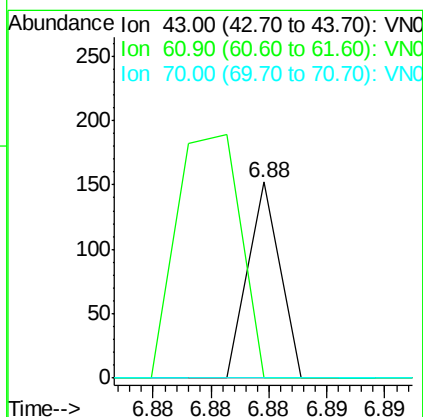
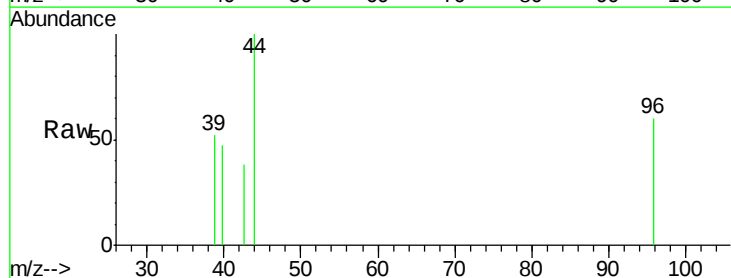
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

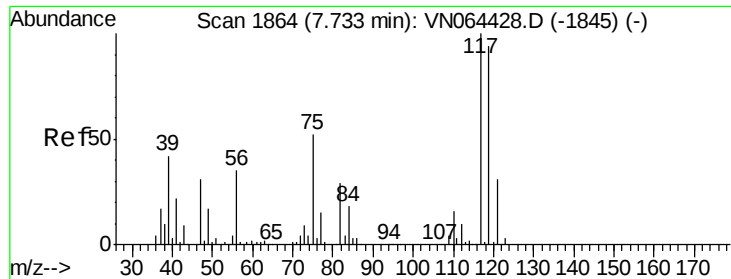
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.0	48.0#
77	0.0	24.0	36.0#



#37
 Ethyl Acetate
 Concen: 0.768 ug/l
 RT: 6.88 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VN064677.D
 Acq: 17 Nov 2020 13:55

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.0	15.0#
70	0.0	7.1	10.7#

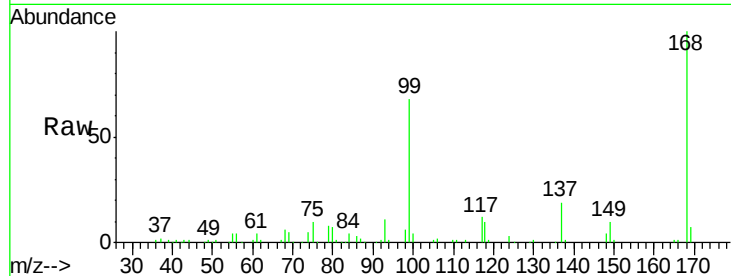




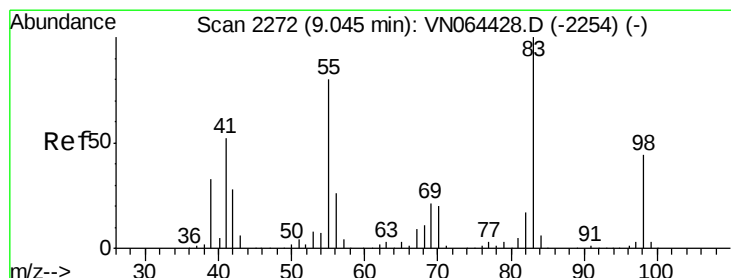
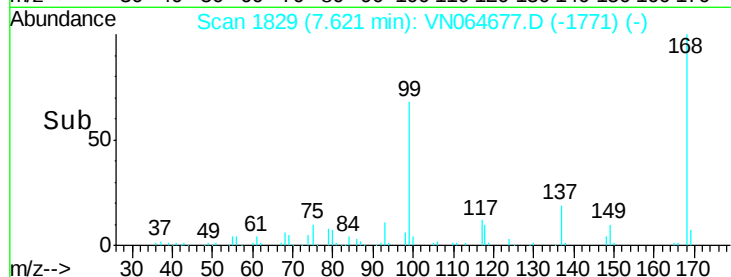
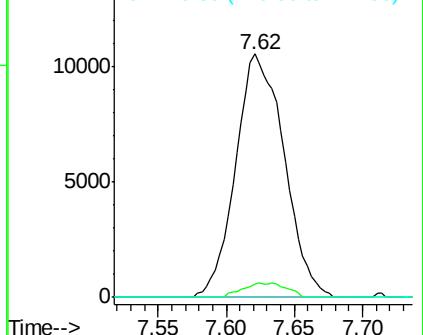
#38
Carbon Tetrachloride
Concen: 5.219 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.11 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tot Ion:117 Resp: 26051
Ion Ratio Lower Upper
117 100
119 5.7 75.5 113.3#
121 0.0 24.4 36.6#

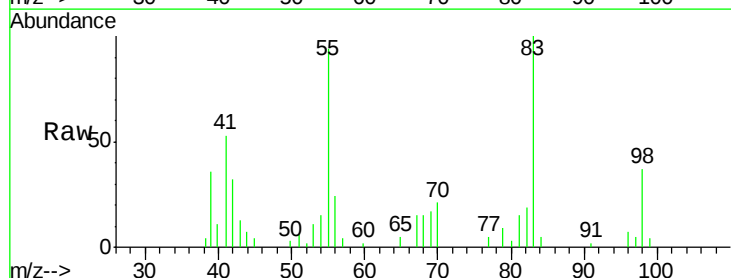


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

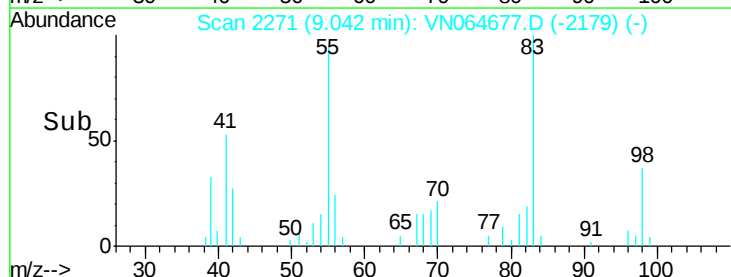
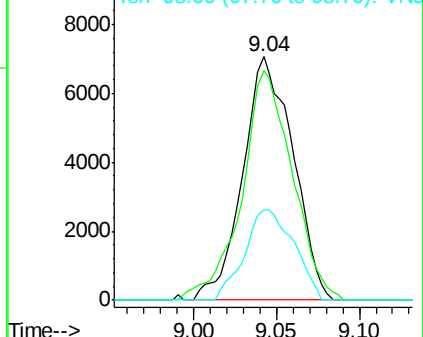


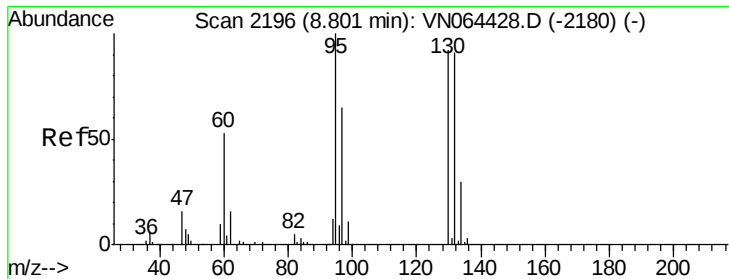
#39
Methylcyclohexane
Concen: 3.560 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Tgt Ion: 83 Resp: 14907
Ion Ratio Lower Upper
83 100
55 92.0 63.8 95.6
98 37.0 35.4 53.2



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

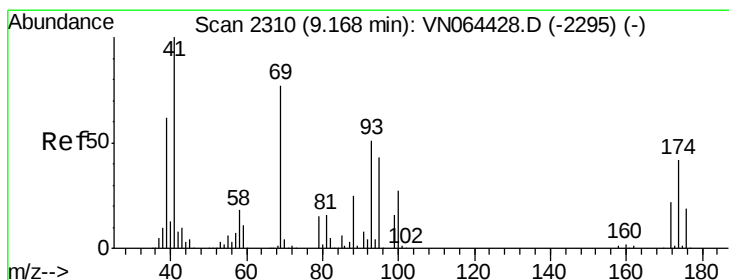
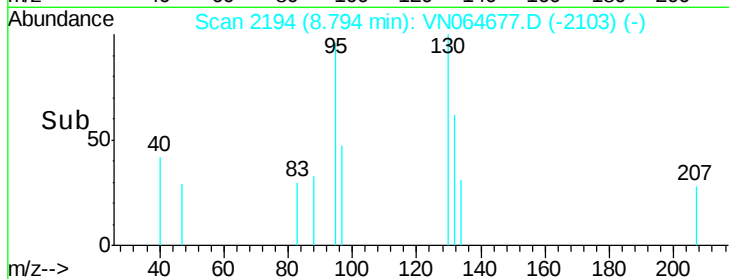
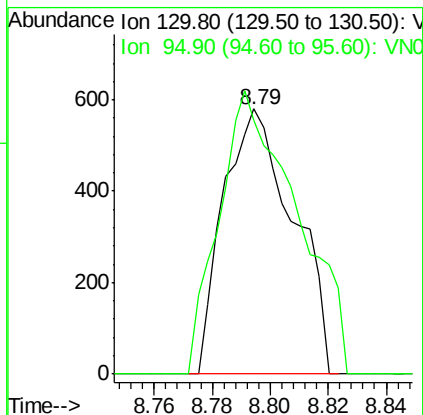
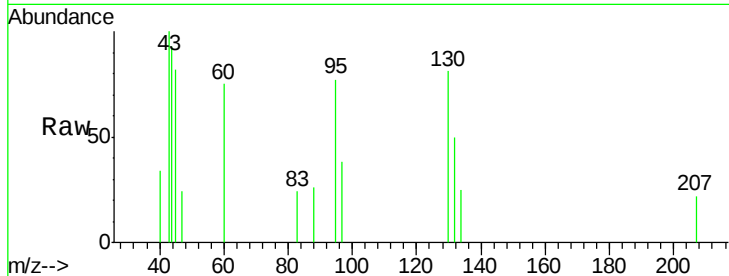




#44
 Trichloroethene
 Concen: 0.280 ug/l
 RT: 8.79 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VN064677.D
 Acq: 17 Nov 2020 13:55

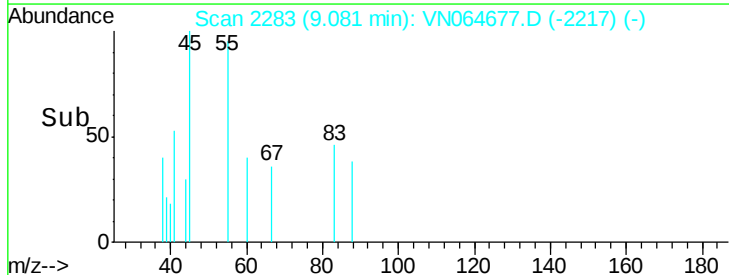
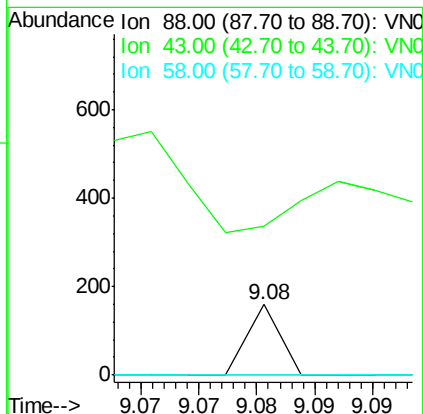
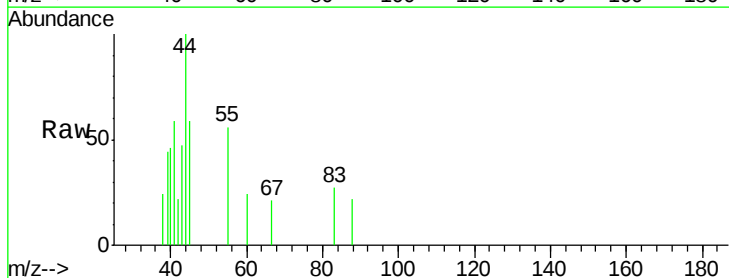
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

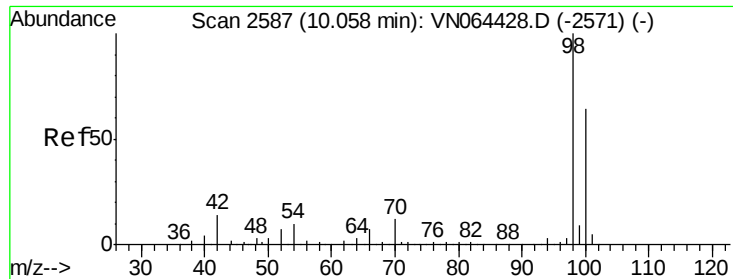
Tot Ion:130 Resp: 968
 Ion Ratio Lower Upper
 130 100
 95 95.7 0.0 216.8



#49
 1,4-Dioxane
 Concen: 0.616 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.09 min
 Lab File: VN064677.D
 Acq: 17 Nov 2020 13:55

Tgt Ion: 88 Resp: 31
 Ion Ratio Lower Upper
 88 100
 43 183.9 31.0 46.6#
 58 0.0 58.4 87.6#





#50

Toluene-d8

Concen: 50.954 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

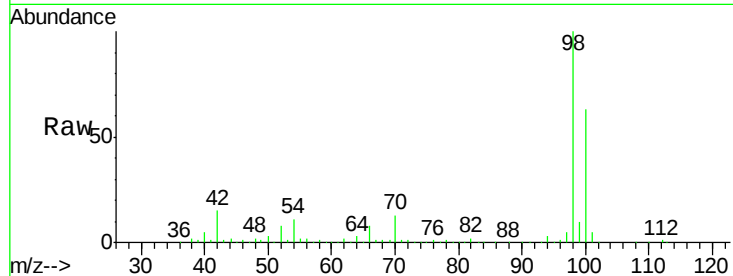
MW-4

Tot Ion: 98 Resp: 592811

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

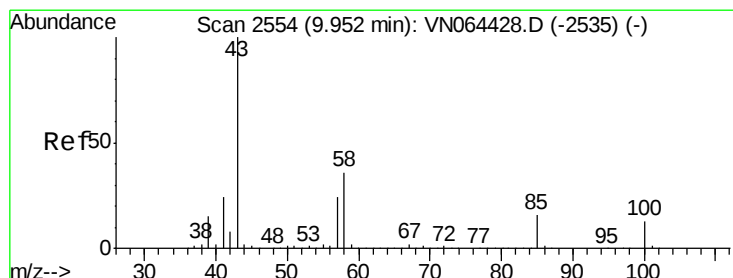
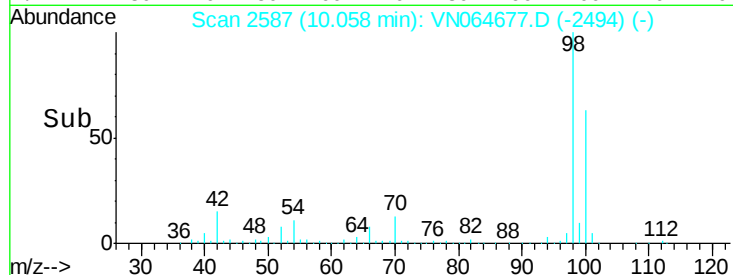
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.277 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064677.D

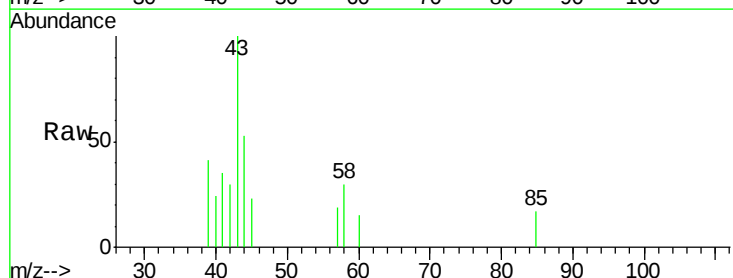
Acq: 17 Nov 2020 13:55

Tgt Ion: 43 Resp: 1221

Ion Ratio Lower Upper

43 100

58 49.1 28.4 42.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

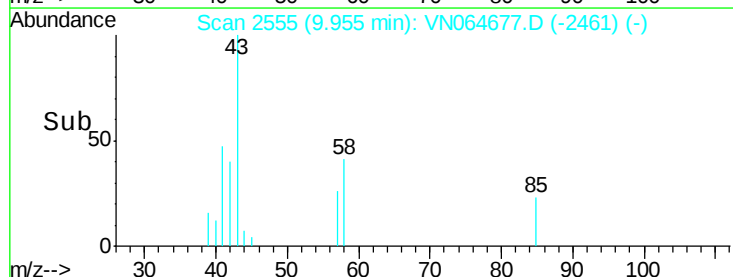
9.96

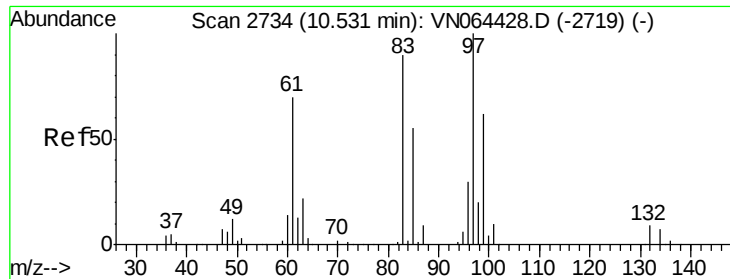
1000

500

0

Time-->

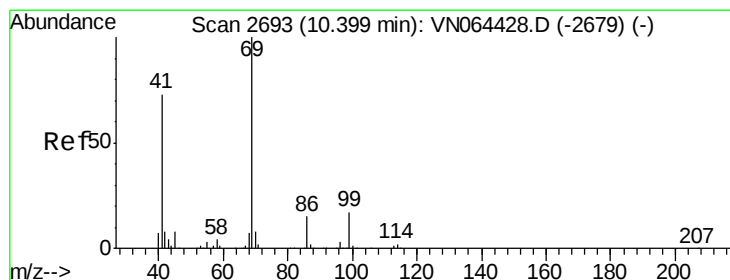
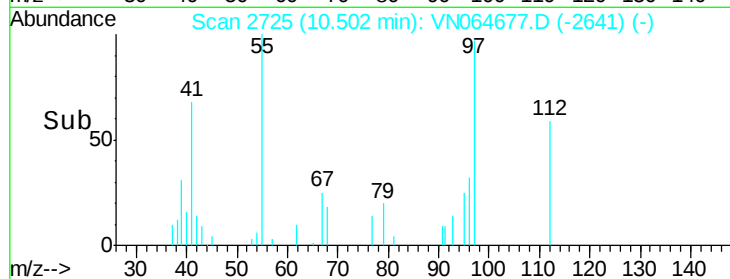
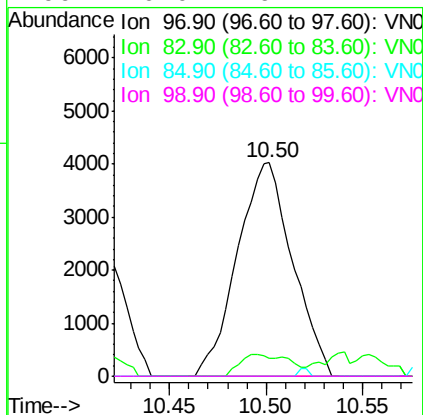
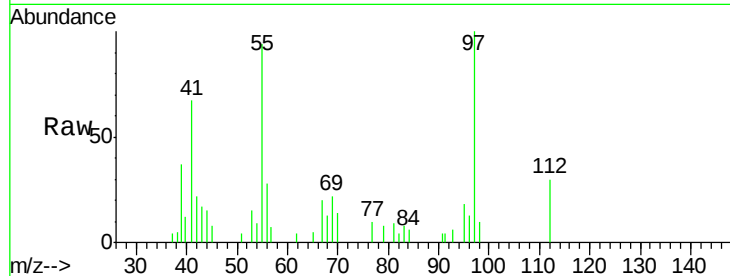




#55
 1,1,2-Trichloroethane
 Concen: 2.453 ug/l
 RT: 10.50 min Scan# 2725
 Delta R.T. -0.03 min
 Lab File: VN064677.D
 Acq: 17 Nov 2020 13:55

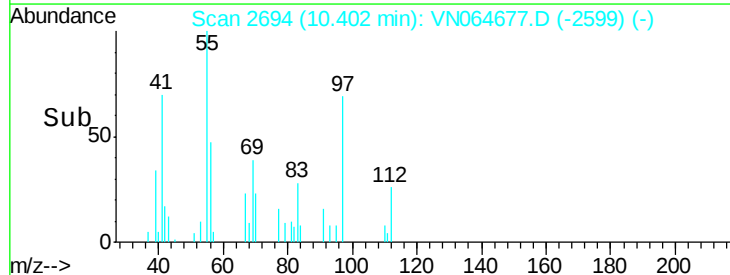
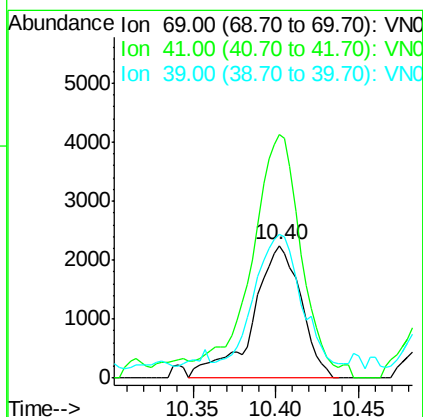
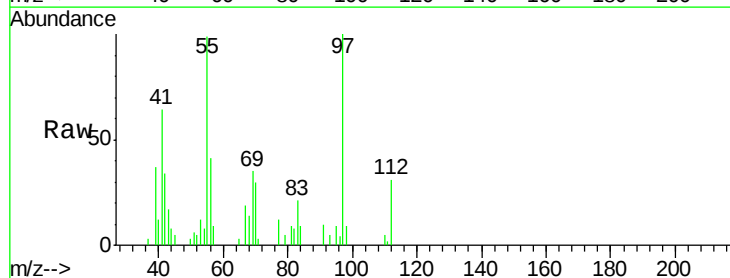
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

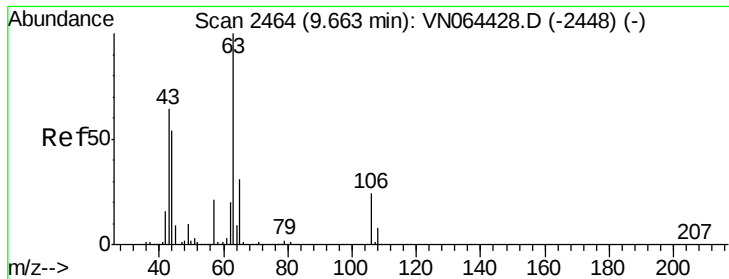
Tot Ion: 97 Resp: 8007
 Ion Ratio Lower Upper
 97 100
 83 8.3 71.7 107.5#
 85 0.0 44.3 66.5#
 99 0.0 49.4 74.2#



#56
 Ethyl methacrylate
 Concen: 2.652 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064677.D
 Acq: 17 Nov 2020 13:55

Tgt Ion: 69 Resp: 4522
 Ion Ratio Lower Upper
 69 100
 41 192.2 59.3 88.9#
 39 90.4 35.4 53.0#





#58

2-Chloroethyl Vinyl ether

Concen: 21.548 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.15 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

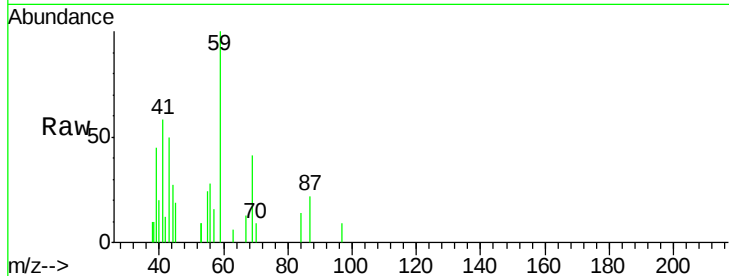
MW-4

Tot Ion: 63 Resp: 29

Ion Ratio Lower Upper

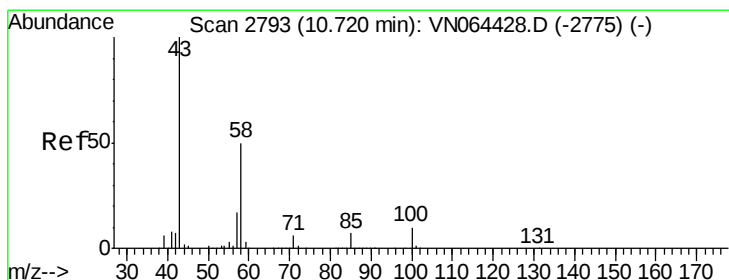
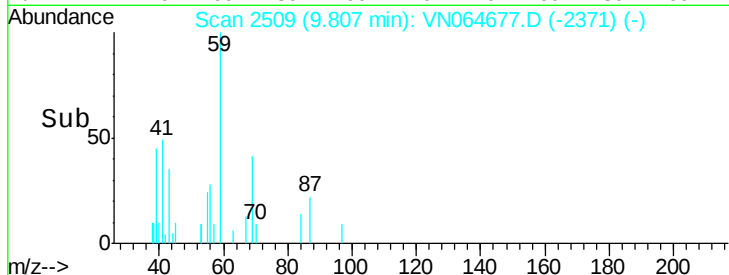
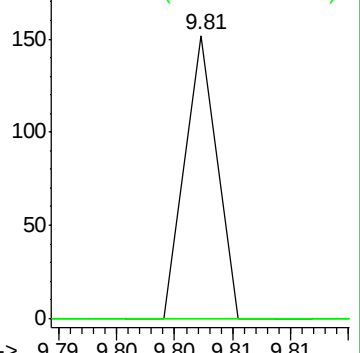
63 100

106 0.0 19.5 29.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): VN0



#59

2-Hexanone

Concen: 4.723 ug/l

RT: 10.59 min Scan# 2752

Delta R.T. -0.13 min

Lab File: VN064677.D

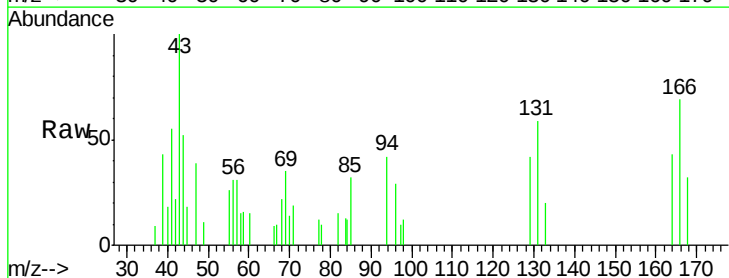
Acq: 17 Nov 2020 13:55

Tgt Ion: 43 Resp: 2543

Ion Ratio Lower Upper

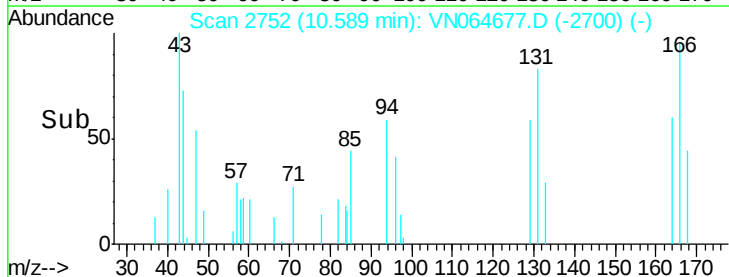
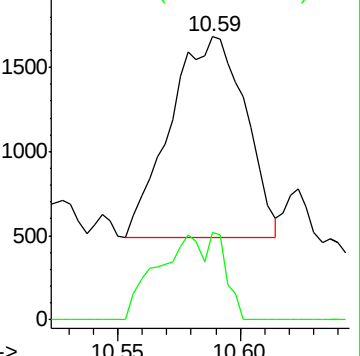
43 100

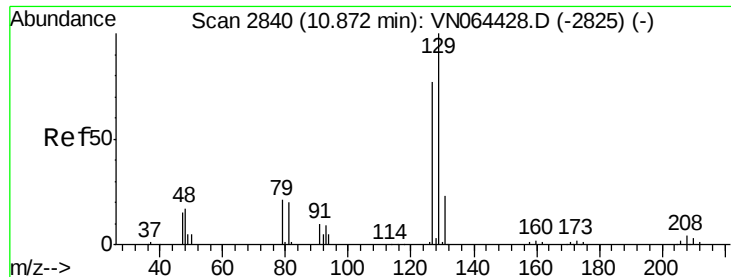
58 26.2 24.7 74.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 0.898 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.27 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

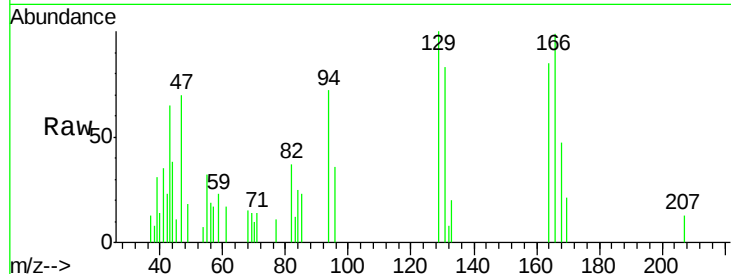
MW-4

Tot Ion:129 Resp: 3283

Ion Ratio Lower Upper

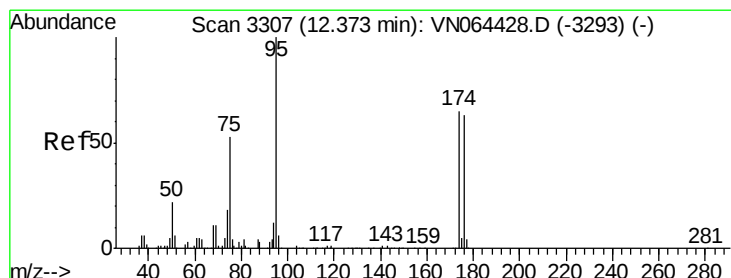
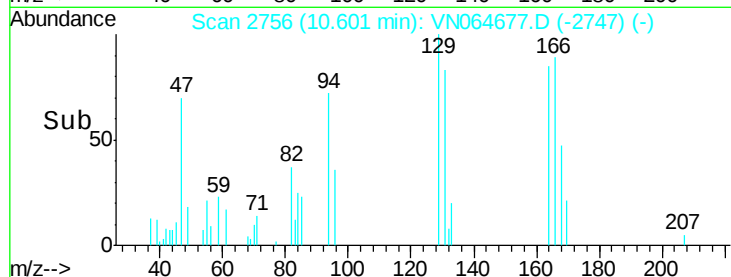
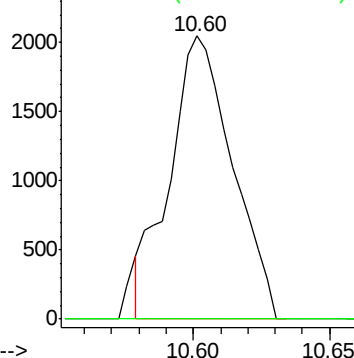
129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 64.084 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

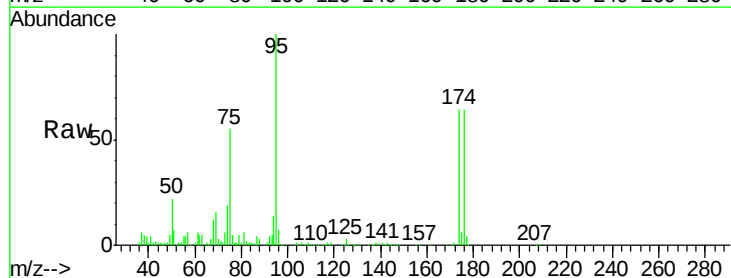
Tgt Ion: 95 Resp: 281966

Ion Ratio Lower Upper

95 100

174 68.9 0.0 132.6

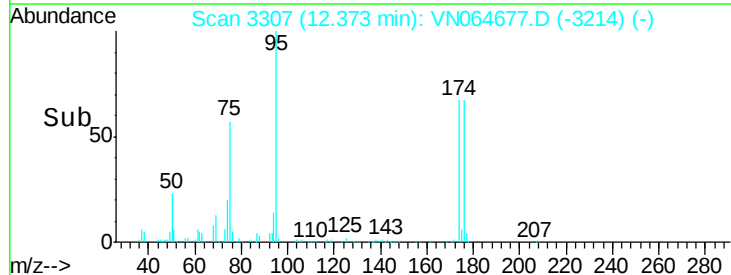
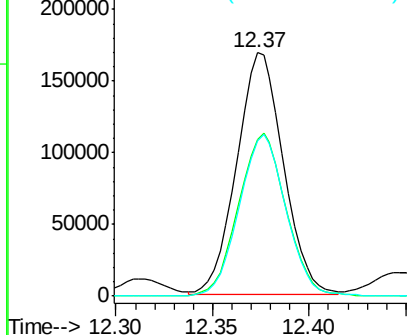
176 67.5 0.0 129.2

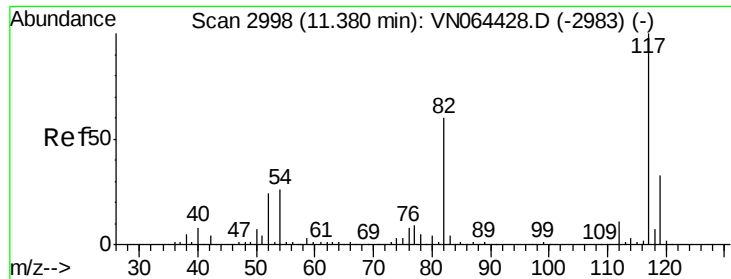


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

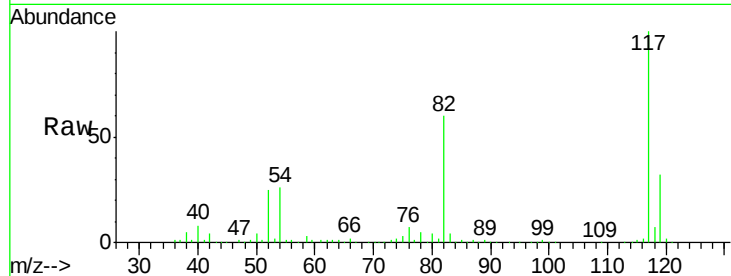




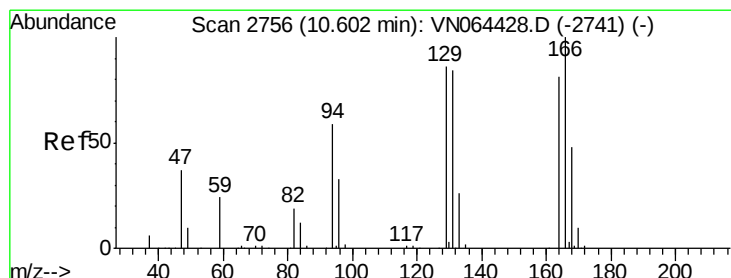
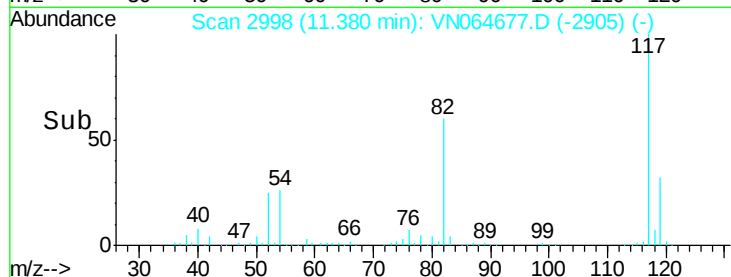
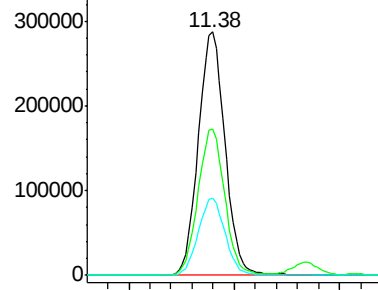
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion:117 Resp: 503323
Ion Ratio Lower Upper
117 100
82 60.0 48.1 72.1
119 31.7 26.2 39.4

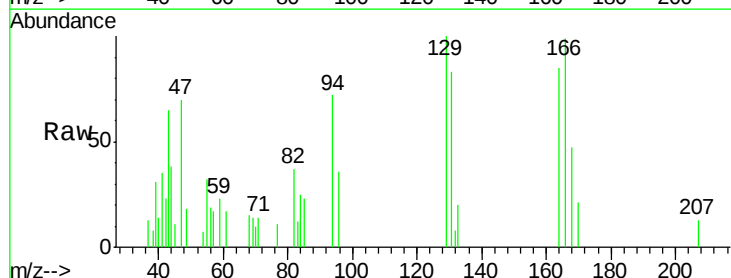


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

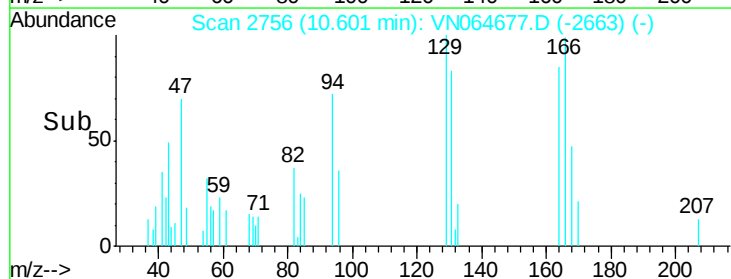
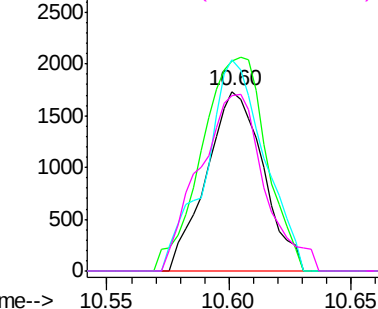


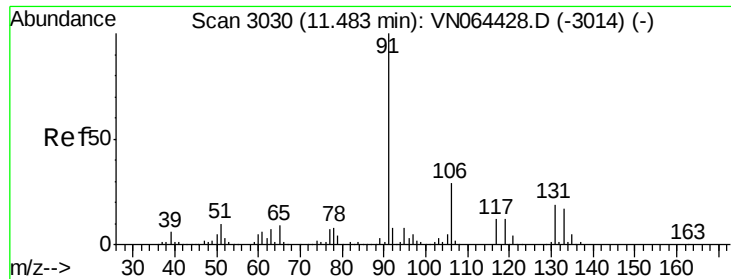
#64
Tetrachloroethene
Concen: 0.723 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Tgt Ion:164 Resp: 2804
Ion Ratio Lower Upper
164 100
166 117.0 98.2 147.2
129 118.1 84.6 127.0
131 98.2 82.2 123.2



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

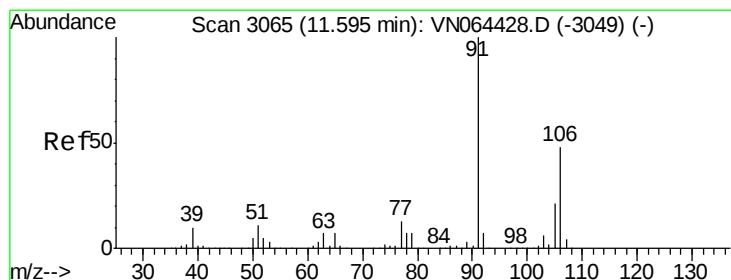
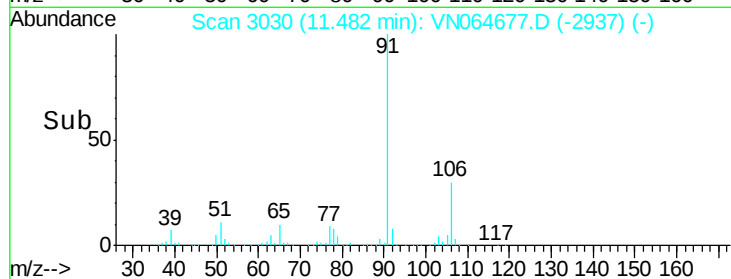
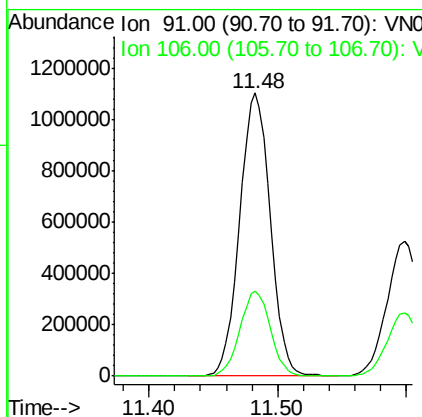
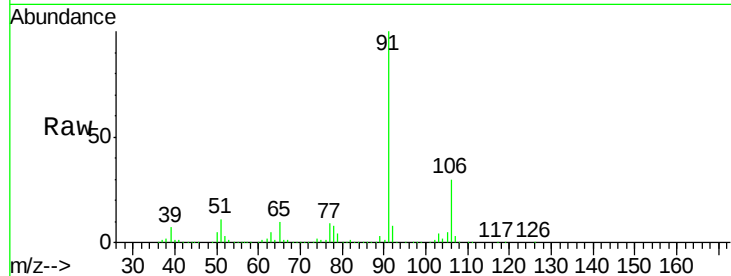




#67
Ethyl Benzene
Concen: 92.968 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

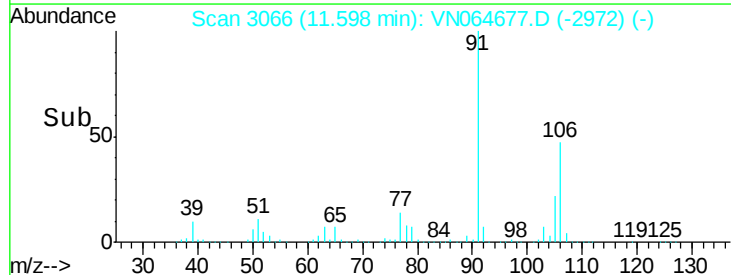
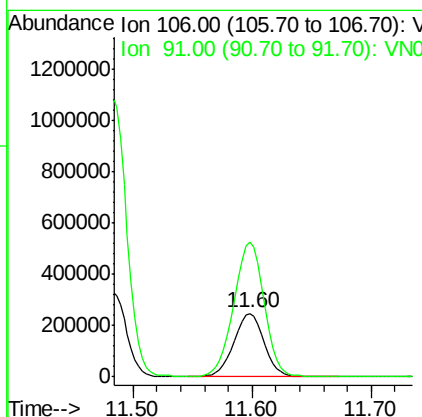
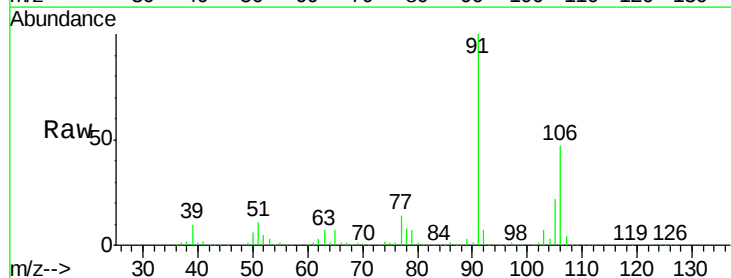
Instrument :
MSVOA_N
ClientSampled :
MW-4

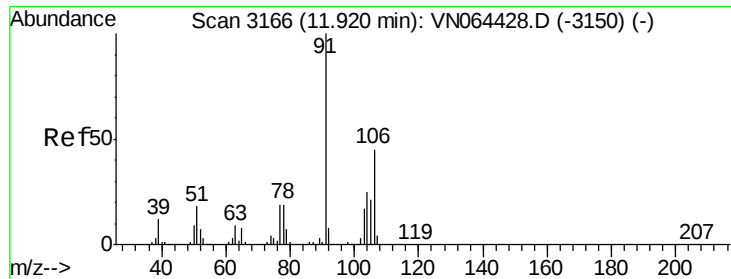
Tot Ion: 91 Resp: 1824641
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4



#68
m/p-Xylenes
Concen: 61.280 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Tgt Ion: 106 Resp: 436177
Ion Ratio Lower Upper
106 100
91 214.8 169.4 254.2

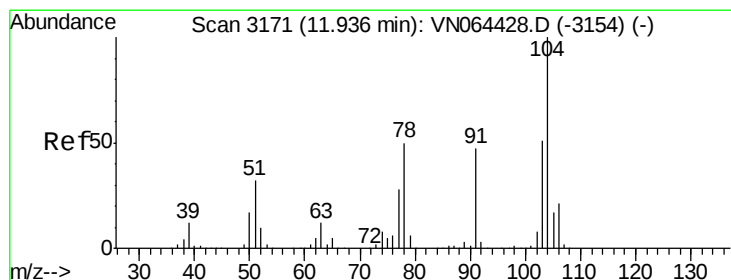
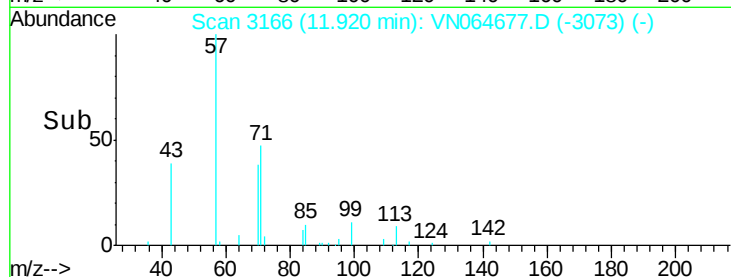
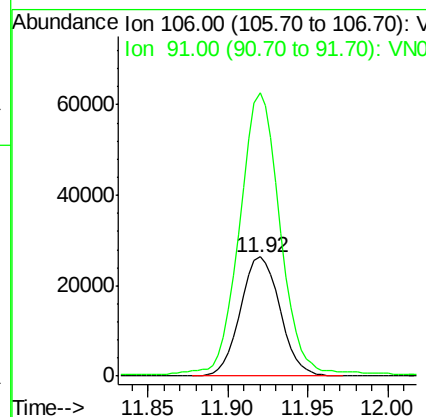
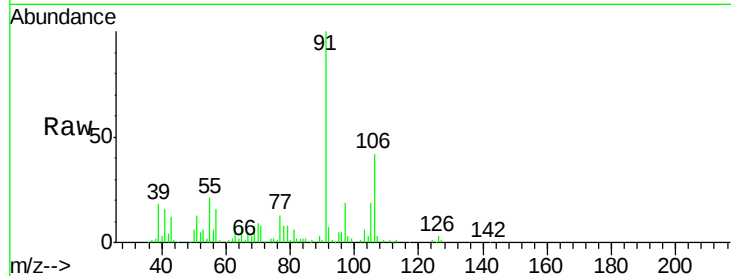




#69
o-Xylene
Concen: 6.510 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

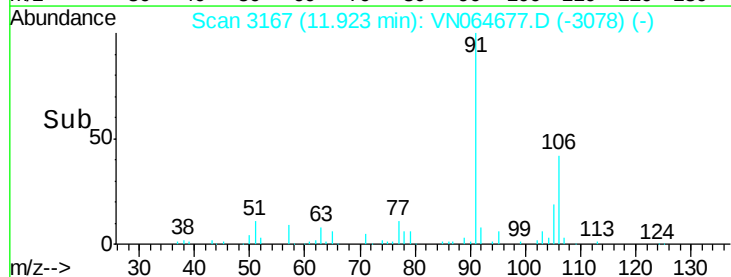
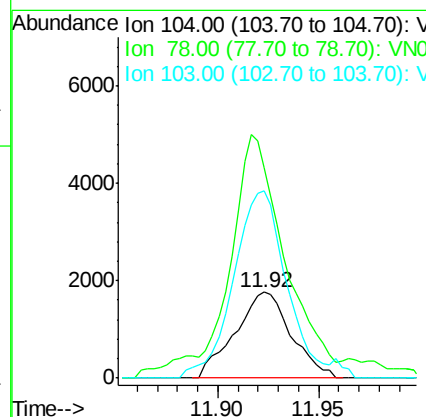
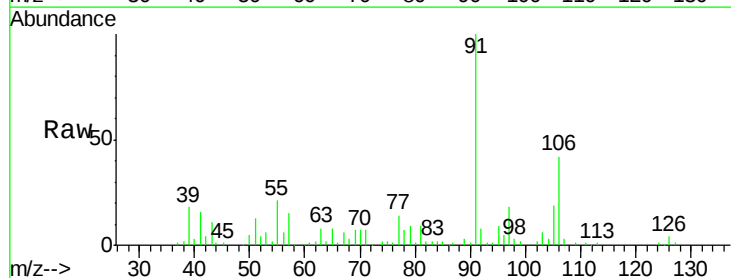
Instrument :
MSVOA_N
ClientSampled :
MW-4

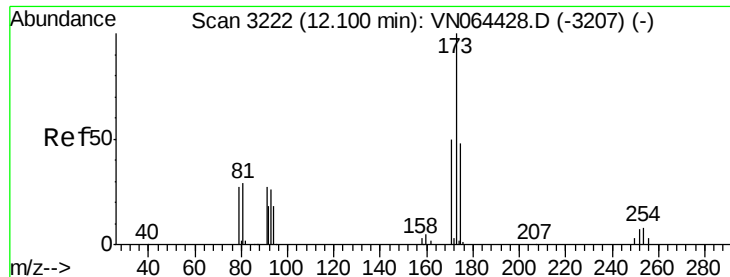
Tot Ion:106 Resp: 44773
Ion Ratio Lower Upper
106 100
91 239.2 111.7 334.9



#70
Styrene
Concen: 0.296 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Tgt Ion:104 Resp: 3423
Ion Ratio Lower Upper
104 100
78 286.4 44.0 66.0#
103 209.7 43.8 65.6#





#71

Bromoform

Concen: 1.531 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.28 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

MW-4

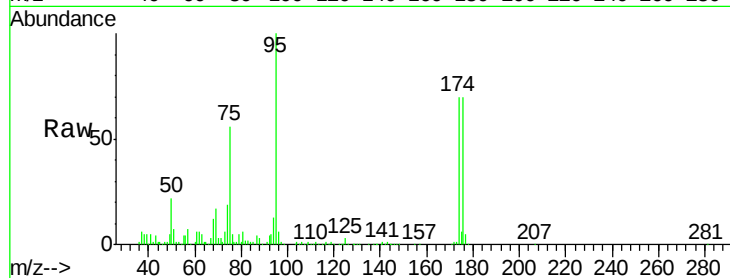
Tot Ion:173 Resp: 813

Ion Ratio Lower Upper

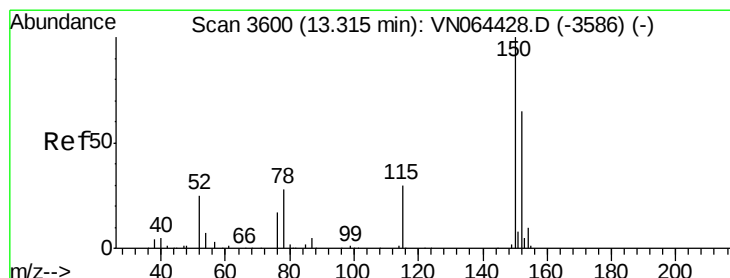
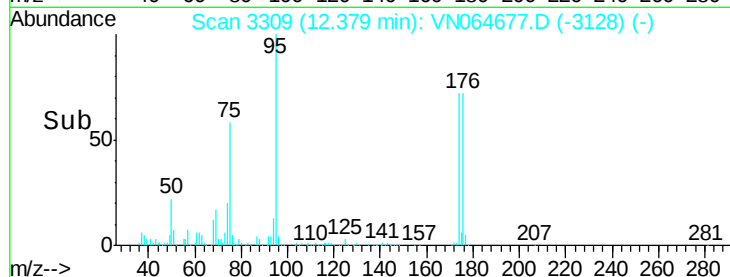
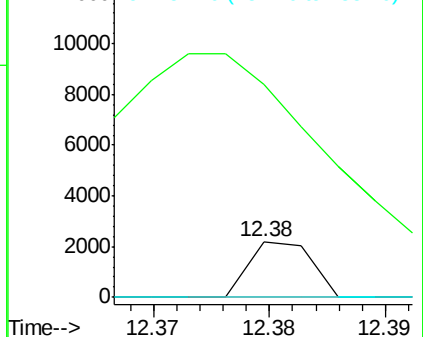
173 100

175 1630.1 23.7 71.1#

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

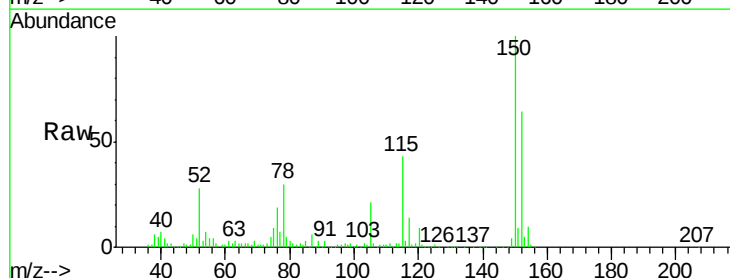
Tgt Ion:152 Resp: 294907

Ion Ratio Lower Upper

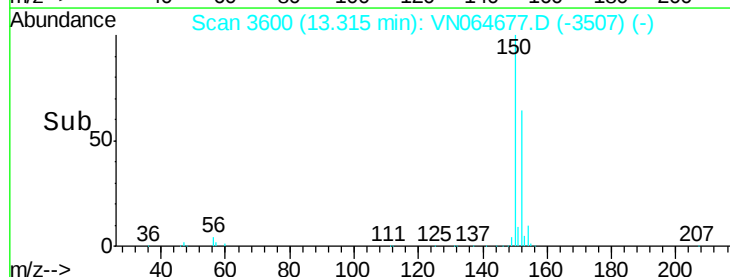
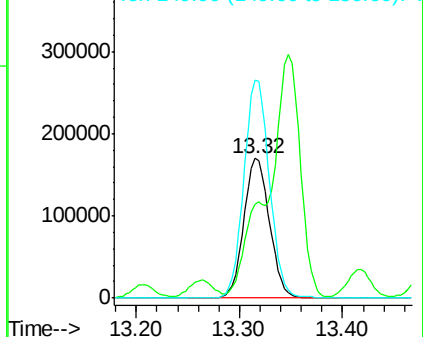
152 100

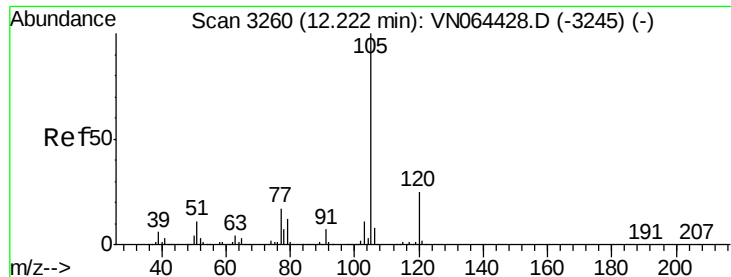
115 53.9 32.0 96.0

150 155.1 0.0 353.8



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: 95.030 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

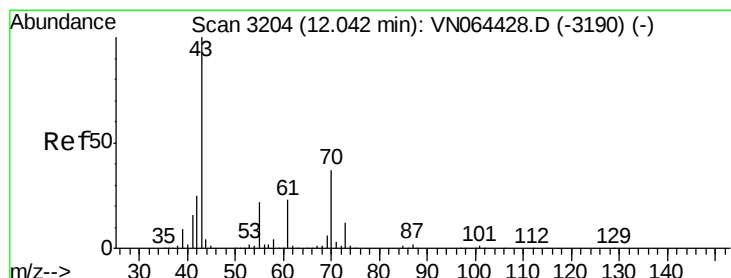
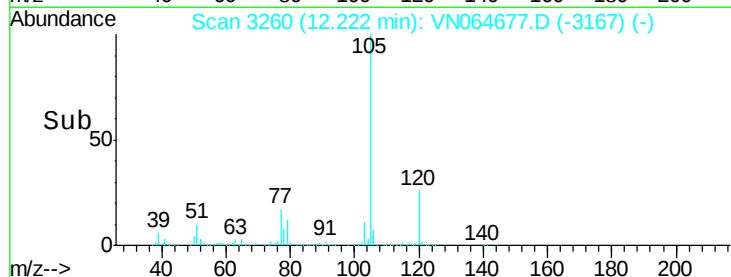
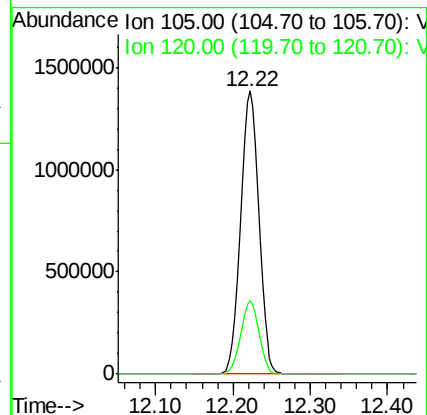
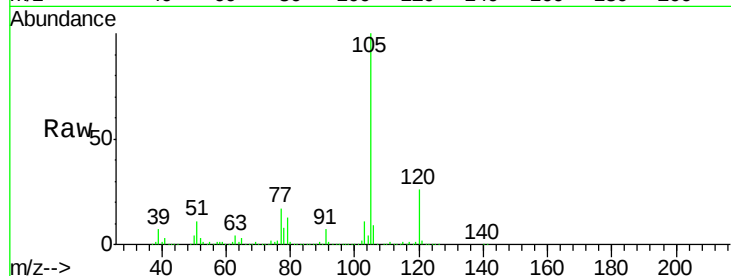
MW-4

Tot Ion:105 Resp: 2227519

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#74

N-ethyl acetate

Concen: 5.052 ug/l

RT: 12.02 min Scan# 3196

Delta R.T. -0.03 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Tgt Ion: 43 Resp: 44711

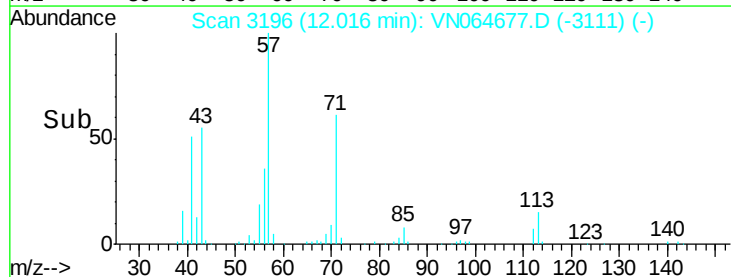
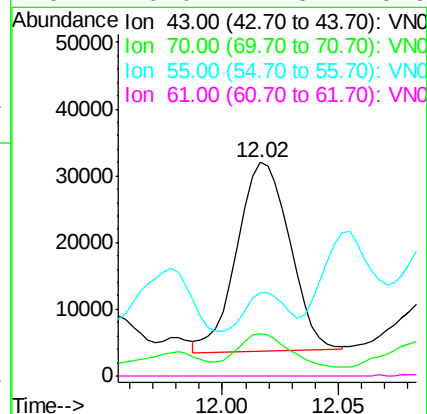
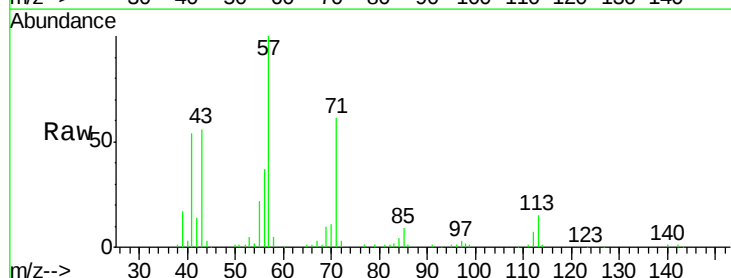
Ion Ratio Lower Upper

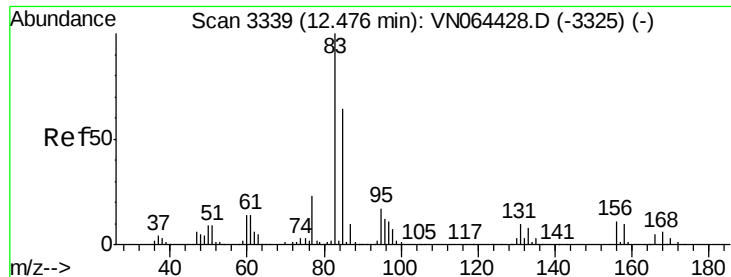
43 100

70 16.8 29.6 44.4#

55 18.0 18.4 27.6#

61 0.0 17.8 26.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.141 ug/l

RT: 12.45 min Scan# 3330

Delta R.T. -0.03 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

MW-4

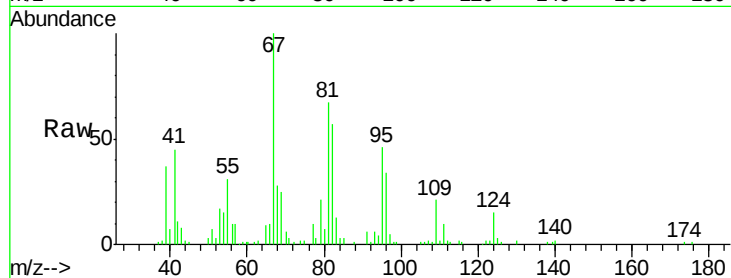
Tot Ion: 83 Resp: 8217

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

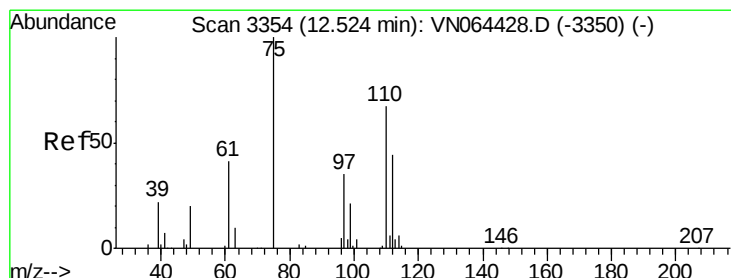
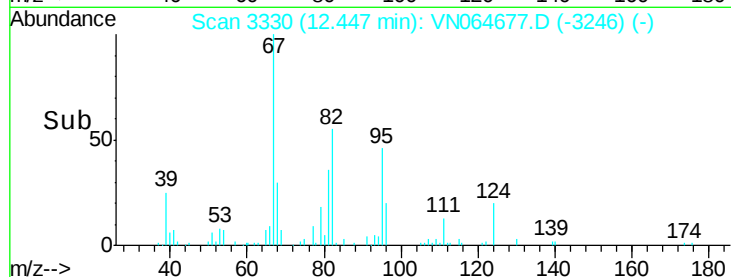
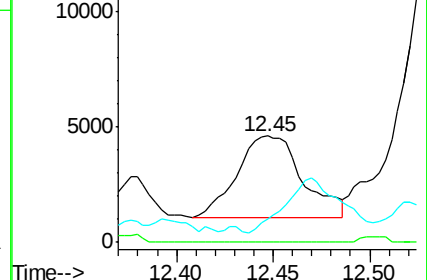
85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 4.094 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.04 min

Lab File: VN064677.D

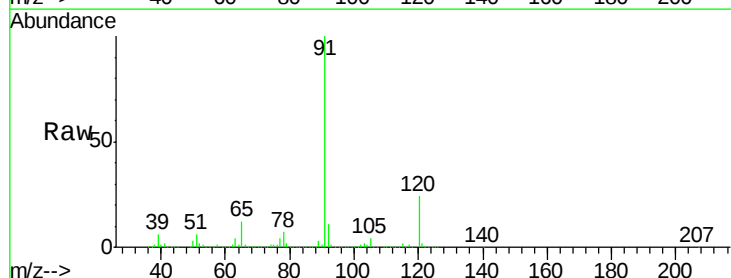
Acq: 17 Nov 2020 13:55

Tgt Ion: 75 Resp: 29252

Ion Ratio Lower Upper

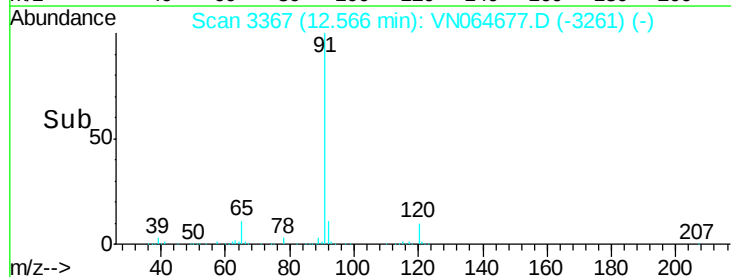
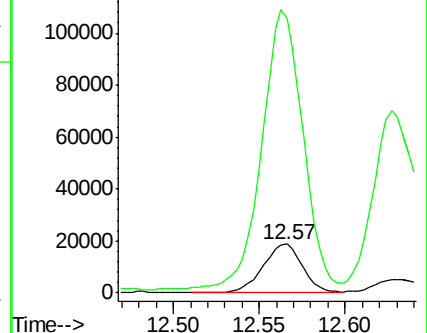
75 100

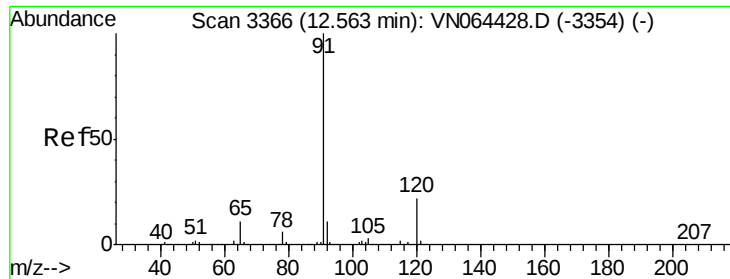
77 616.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)





#78

n-propylbenzene

Concen: 151.423 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

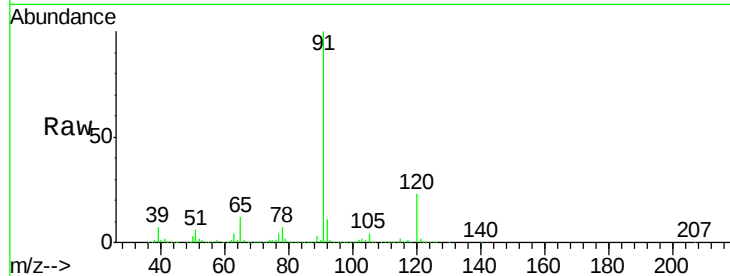
MW-4

Tot Ion: 91 Resp: 4046551

Ion Ratio Lower Upper

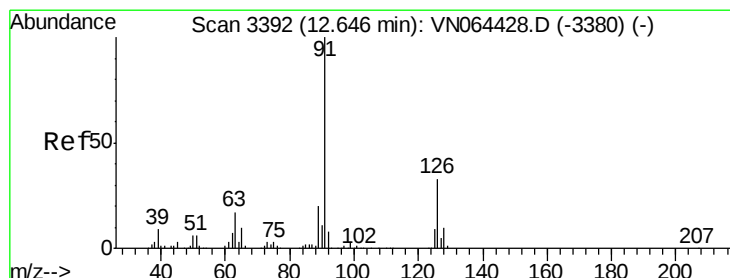
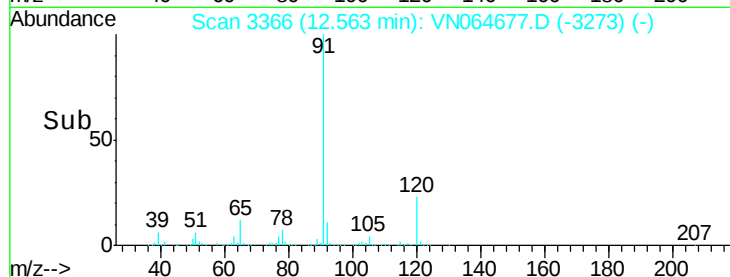
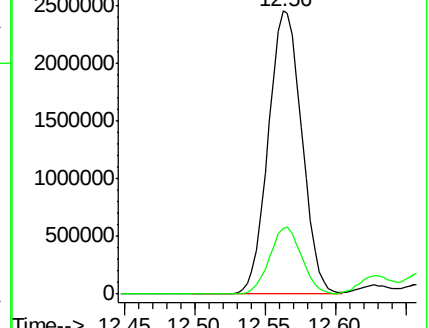
91 100

120 22.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 7.188 ug/l

RT: 12.66 min Scan# 3396

Delta R.T. 0.01 min

Lab File: VN064677.D

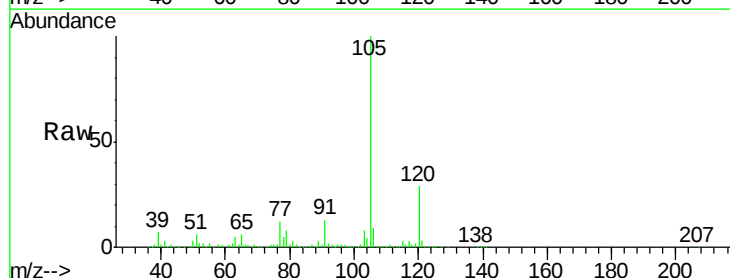
Acq: 17 Nov 2020 13:55

Tgt Ion: 91 Resp: 121825

Ion Ratio Lower Upper

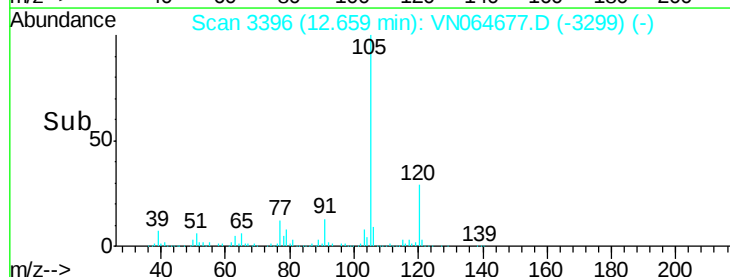
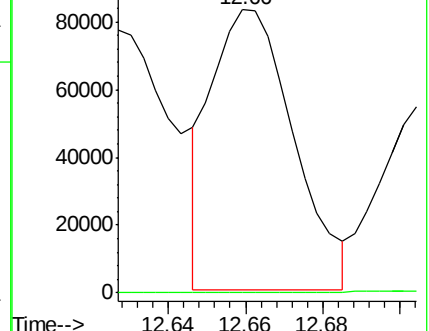
91 100

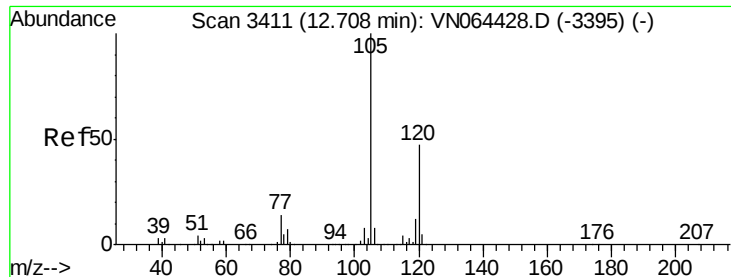
126 0.1 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 37.138 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

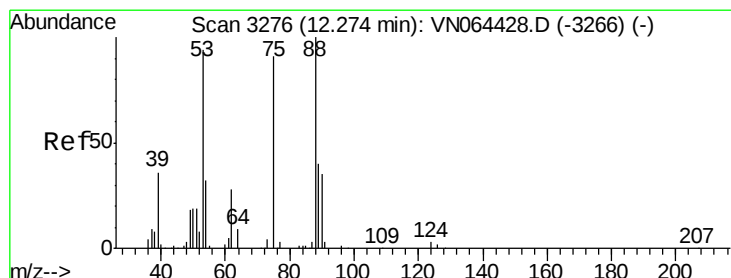
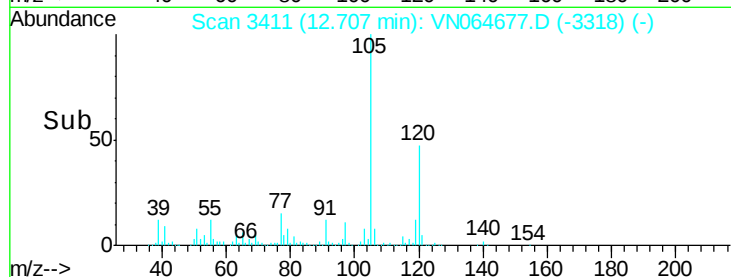
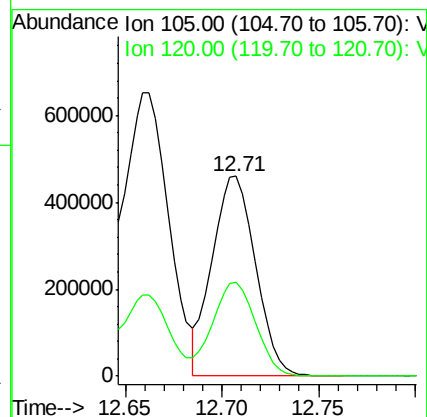
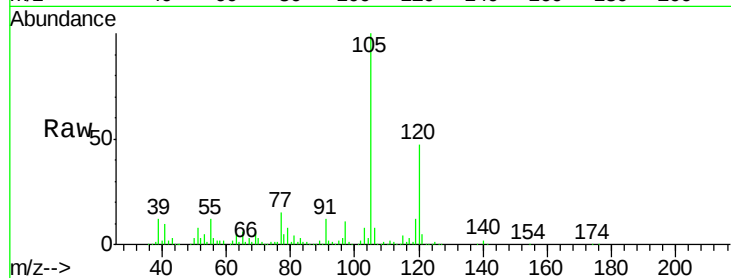
MW-4

Tot Ion:105 Resp: 718149

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.2



#81

trans-1,4-Dichloro-2-butene

Concen: 11.855 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.05 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

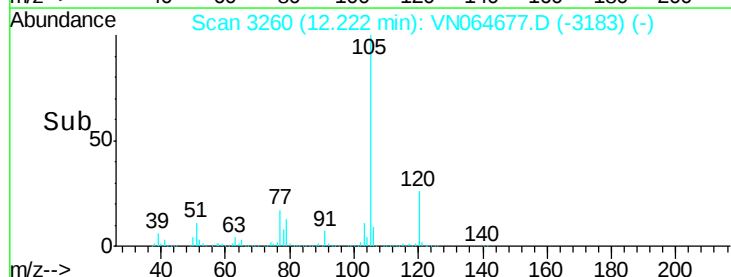
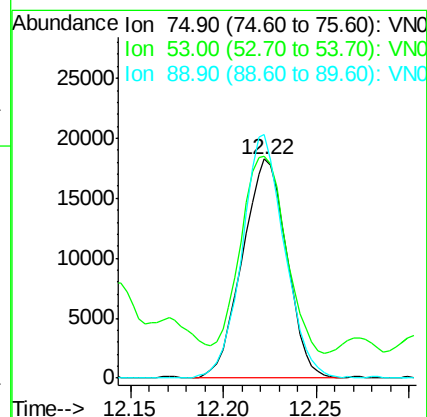
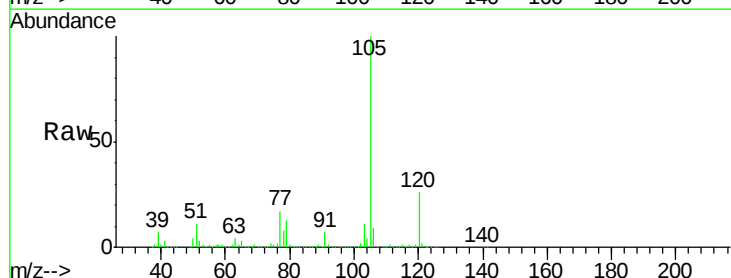
Tgt Ion: 75 Resp: 30338

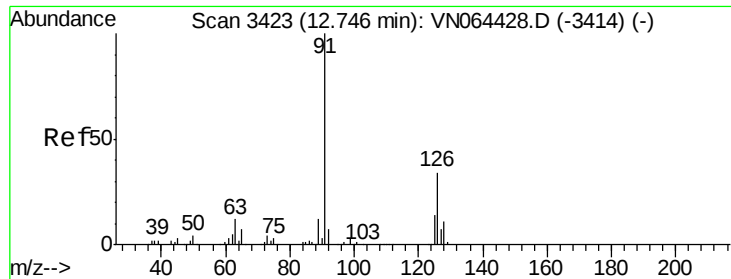
Ion Ratio Lower Upper

75 100

53 90.2 84.0 126.0

89 106.8 36.3 54.5#

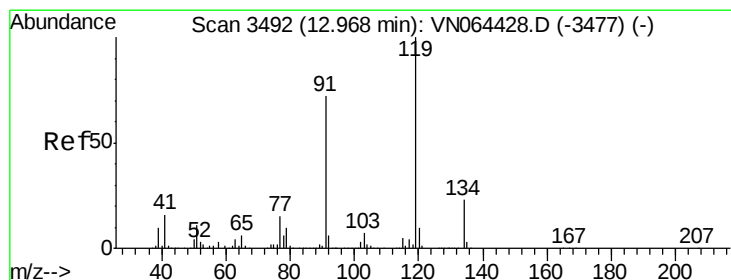
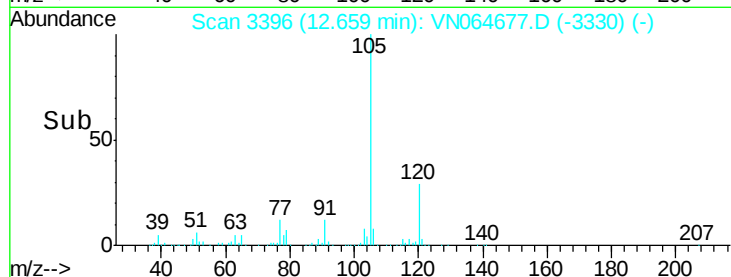
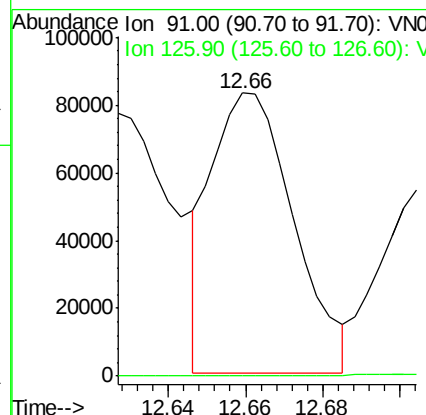
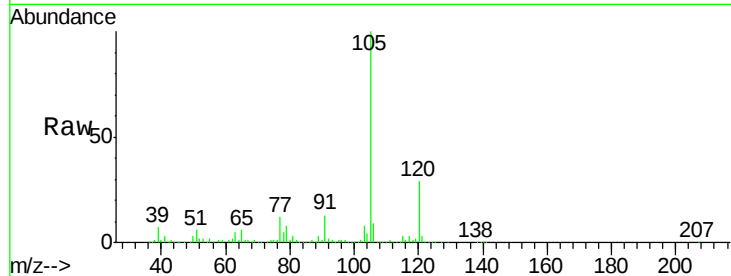




#82
4-Chlorotoluene
Concen: 6.863 ug/l
RT: 12.66 min Scan# 3396
Delta R.T. -0.09 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

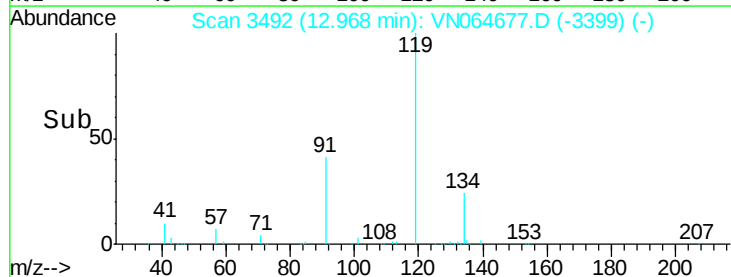
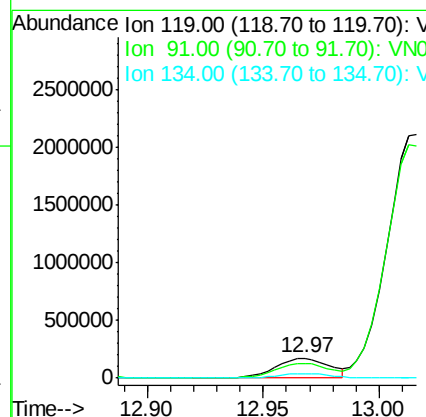
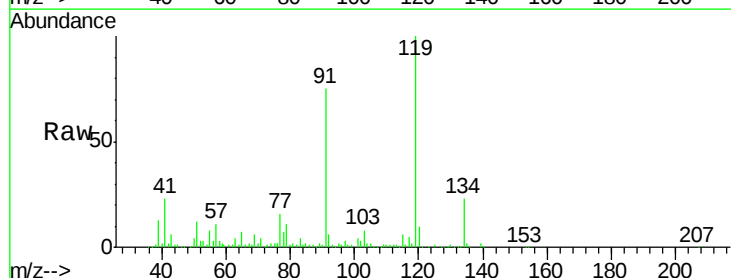
Instrument :
MSVOA_N
ClientSampleId :
MW-4

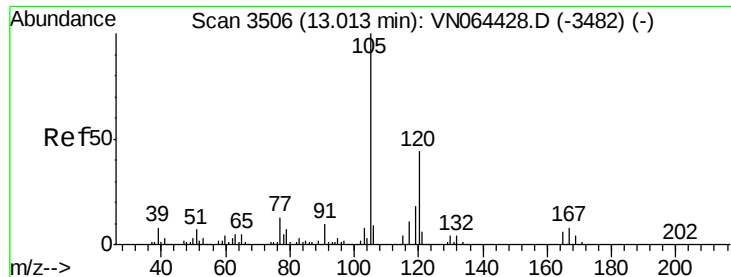
Tot Ion: 91 Resp: 121825
Ion Ratio Lower Upper
91 100
126 0.1 15.4 46.2#



#83
tert-Butylbenzene
Concen: 18.187 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Tgt Ion: 119 Resp: 274674
Ion Ratio Lower Upper
119 100
91 75.4 36.1 108.3
134 22.9 11.7 35.1

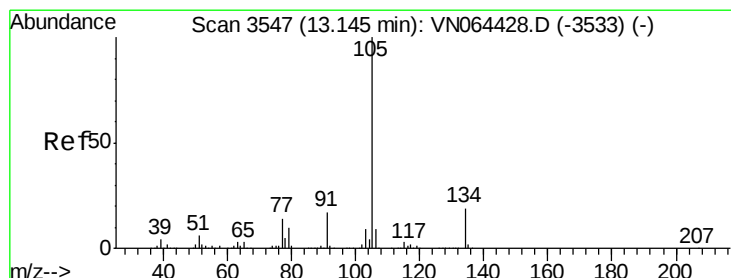
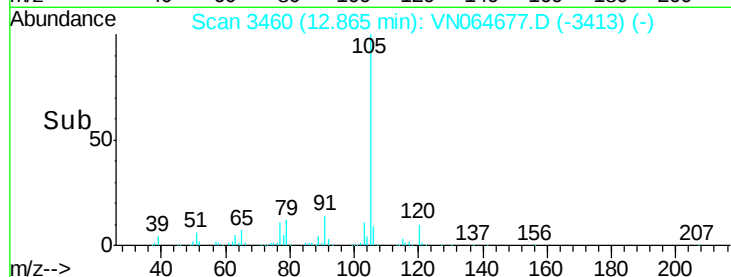
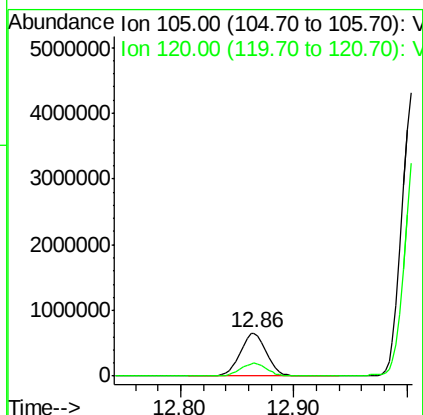
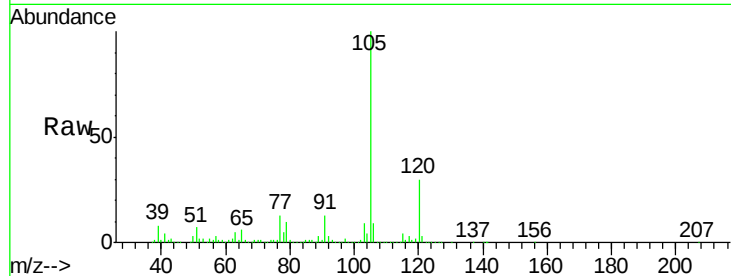




#84
1,2,4-Trimethylbenzene
Concen: 54.051 ug/l
RT: 12.86 min Scan# 3460
Delta R.T. -0.15 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

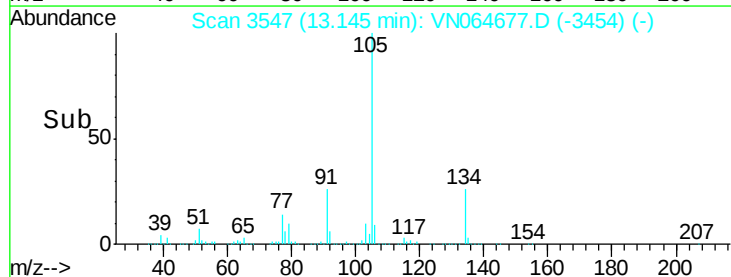
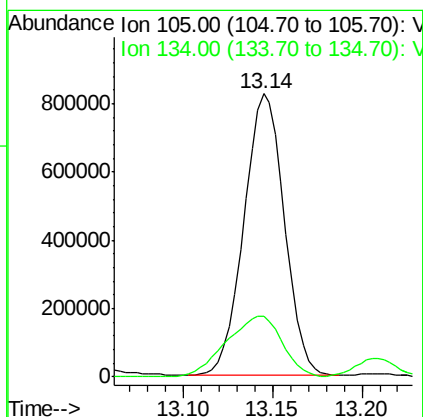
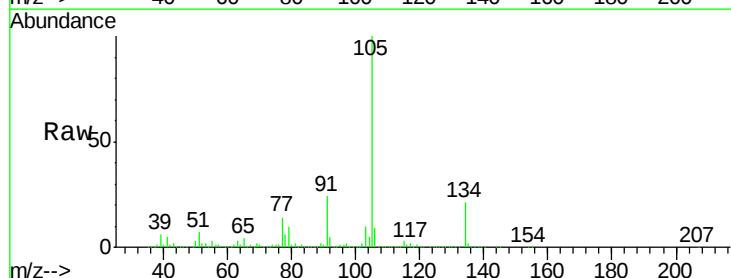
Instrument :
MSVOA_N
ClientSampleId :
MW-4

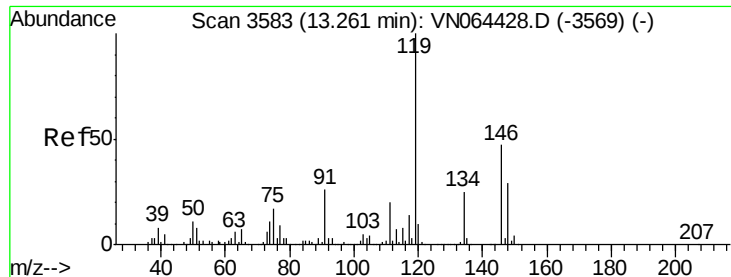
Tot Ion:105 Resp: 1050729
Ion Ratio Lower Upper
105 100
120 30.0 21.9 65.7



#85
sec-Butylbenzene
Concen: 68.284 ug/l
RT: 13.14 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Tgt Ion:105 Resp: 1306094
Ion Ratio Lower Upper
105 100
134 29.7 9.4 28.2#

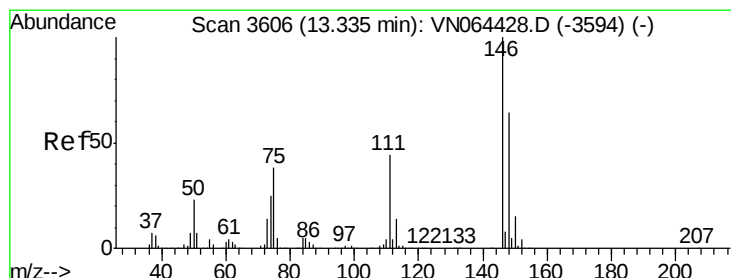
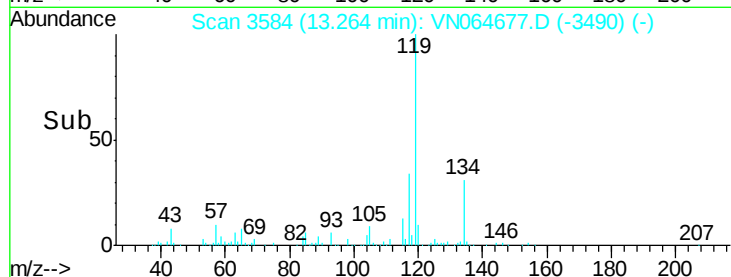
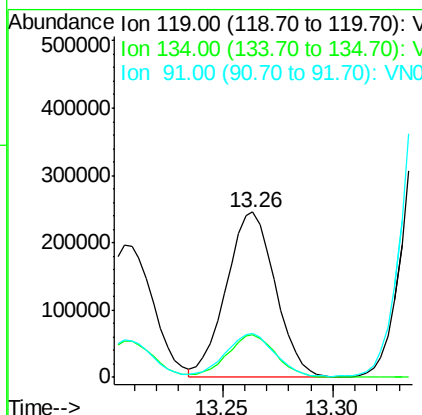
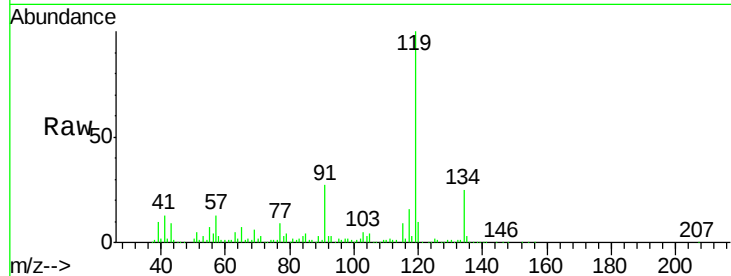




#86
 p-Isopropyltoluene
 Concen: 21.932 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064677.D
 Acq: 17 Nov 2020 13:55

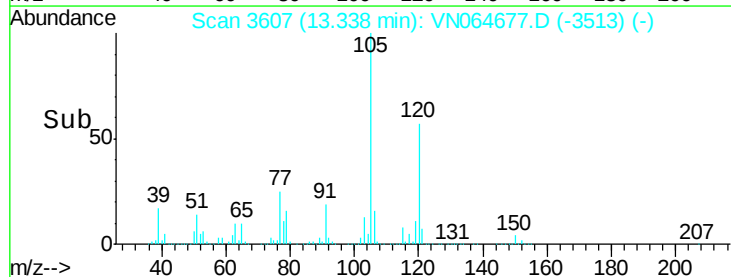
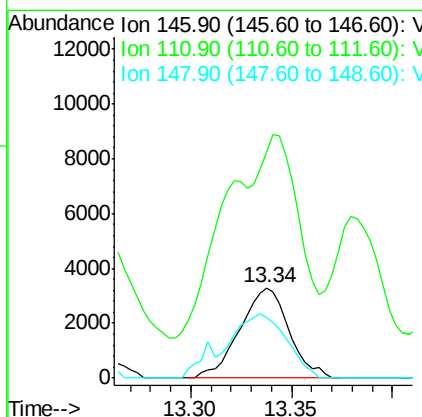
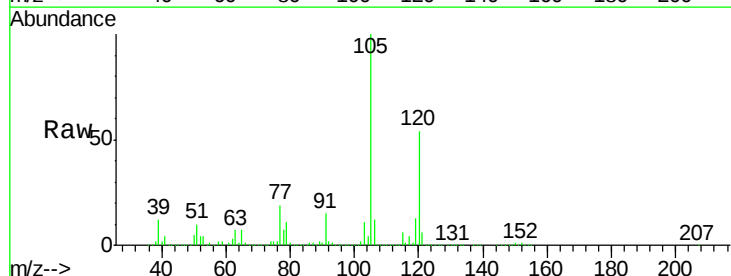
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

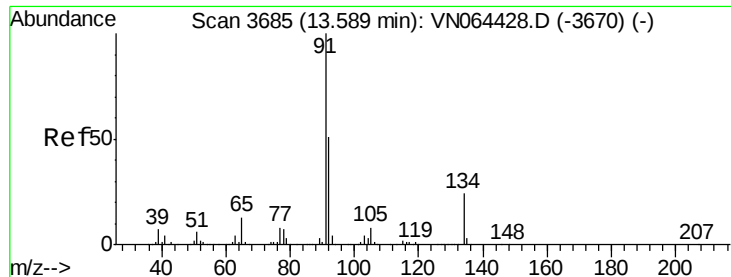
Tot Ion:119 Resp: 377323
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.6
 91 25.7 12.8 38.3



#88
 1,4-Dichlorobenzene
 Concen: 0.547 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064677.D
 Acq: 17 Nov 2020 13:55

Tgt Ion:146 Resp: 5587
 Ion Ratio Lower Upper
 146 100
 111 163.6 21.8 65.3#
 148 76.9 32.4 97.2





#89

n-Butylbenzene

Concen: 47.903 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

MW-4

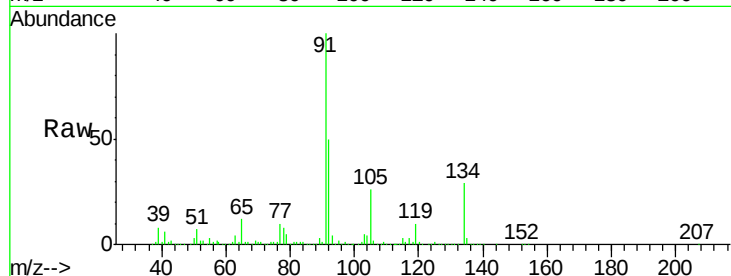
Tot Ion: 91 Resp: 708602

Ion Ratio Lower Upper

91 100

92 42.4 25.3 75.9

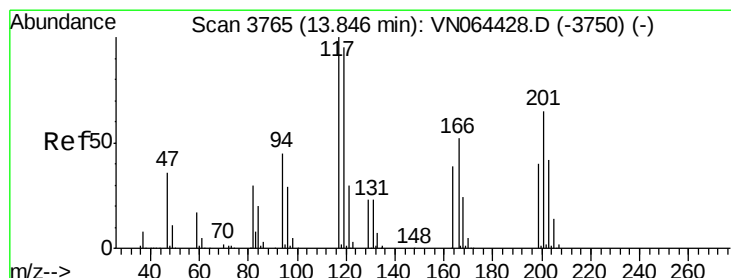
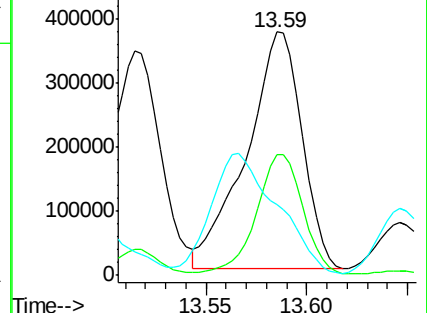
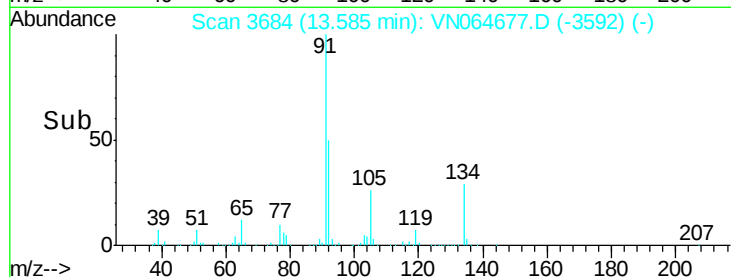
134 0.0 11.8 35.4#



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)



#90

Hexachloroethane

Concen: 67.447 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN064677.D

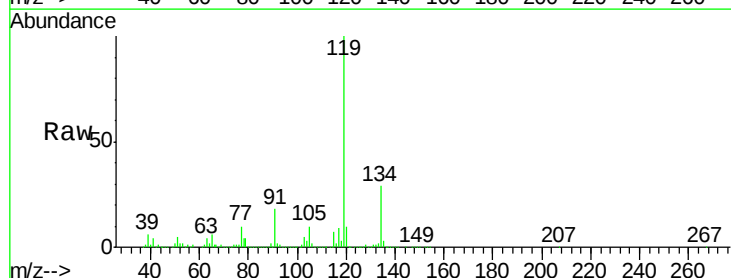
Acq: 17 Nov 2020 13:55

Tgt Ion: 117 Resp: 223847

Ion Ratio Lower Upper

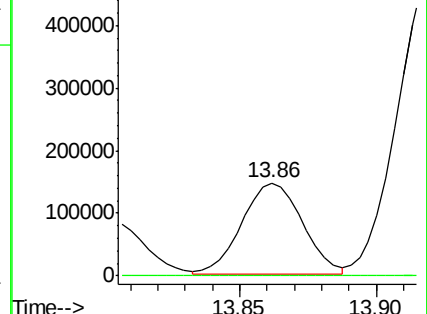
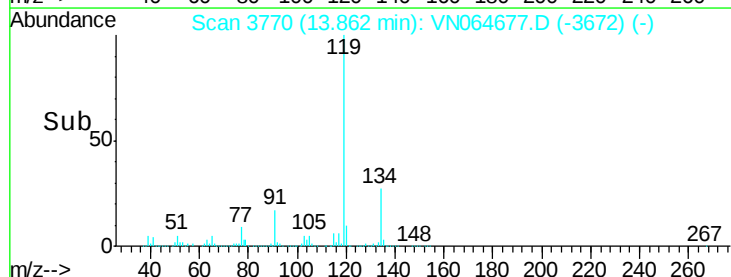
117 100

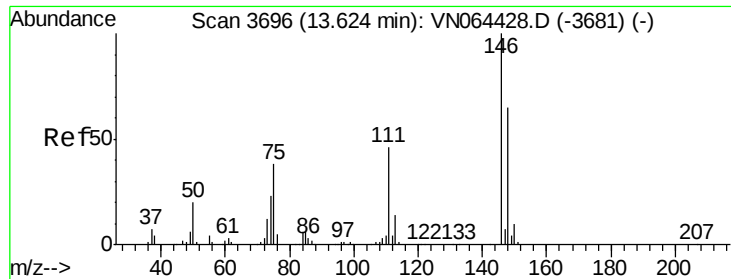
201 0.0 32.5 97.5#



Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)





#91

1,2-Dichlorobenzene

Concen: 0.277 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

Instrument :

MSVOA_N

ClientSampled :

MW-4

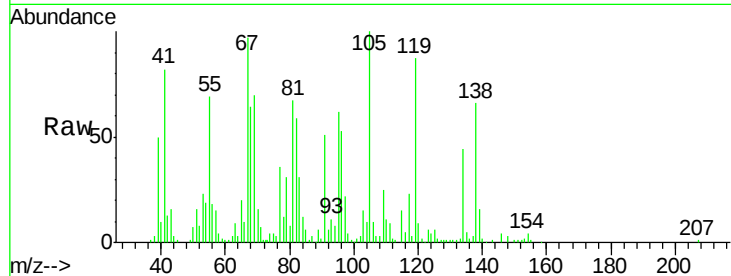
Tot Ion:146 Resp: 2634

Ion Ratio Lower Upper

146 100

111 142.1 22.9 68.7#

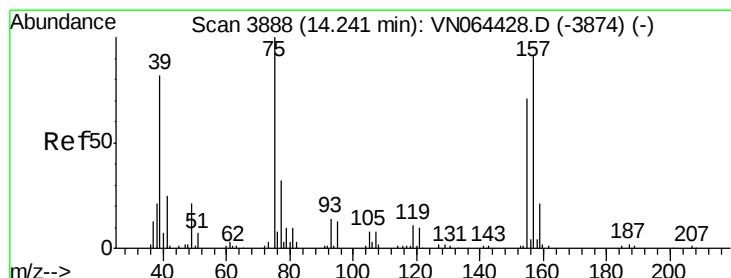
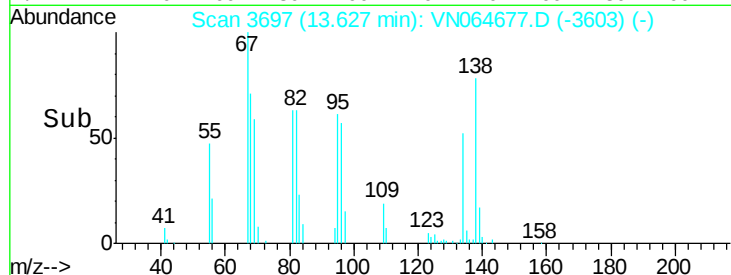
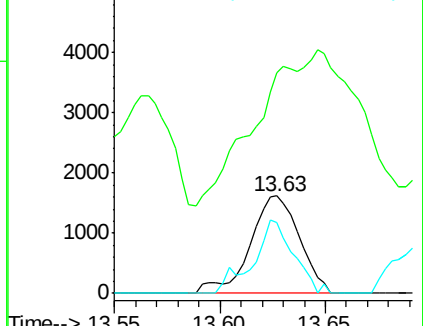
148 62.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.193 ug/l

RT: 14.22 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN064677.D

Acq: 17 Nov 2020 13:55

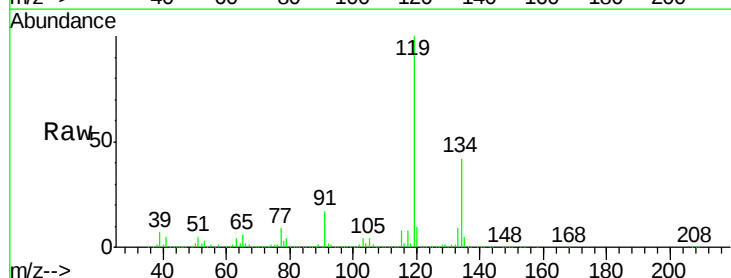
Tgt Ion: 75 Resp: 10311

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

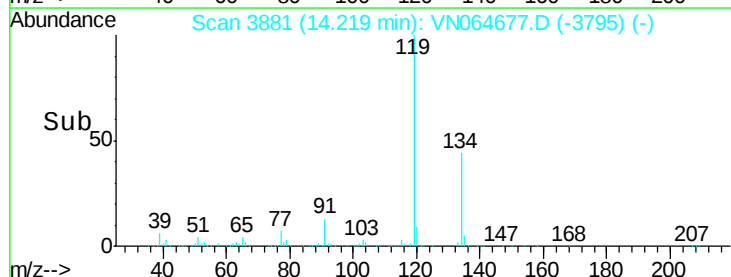
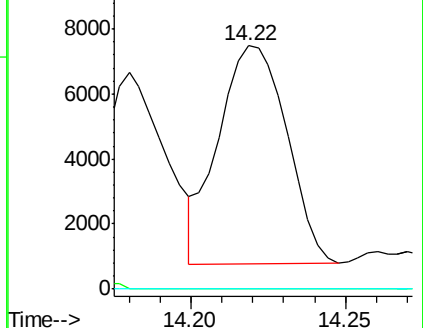
157 0.0 43.0 128.8#

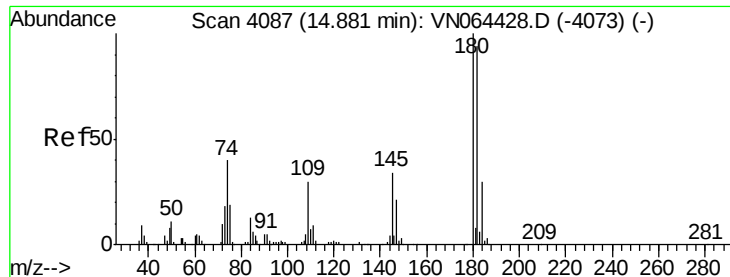


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

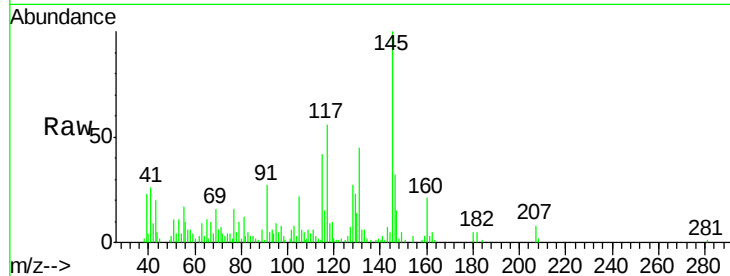




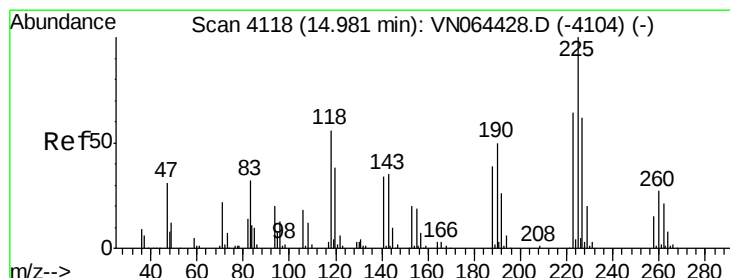
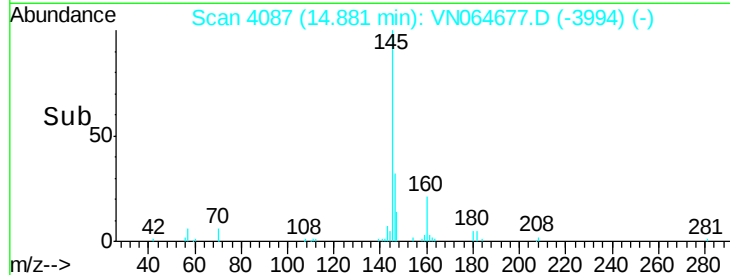
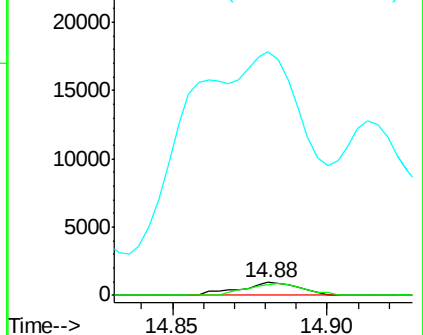
#93
 1,2,4-Trichlorobenzene
 Concen: 2.914 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064677.D
 Acq: 17 Nov 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Tot Ion:180 Resp: 1252
 Ion Ratio Lower Upper
 180 100
 182 89.0 47.3 142.0
 145 0.0 16.7 50.1#

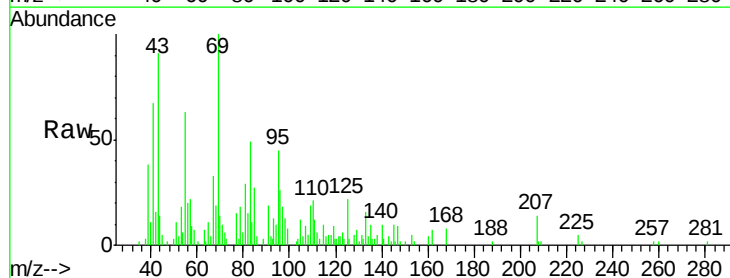


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

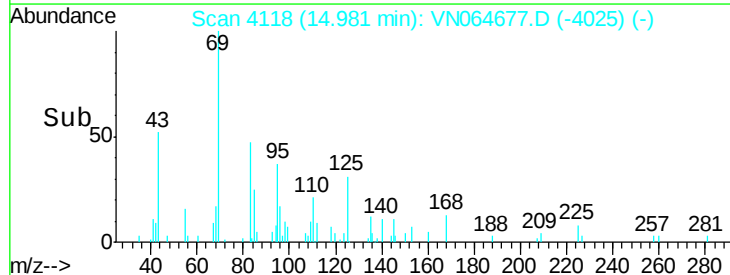
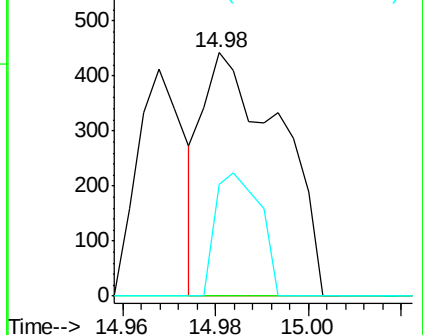


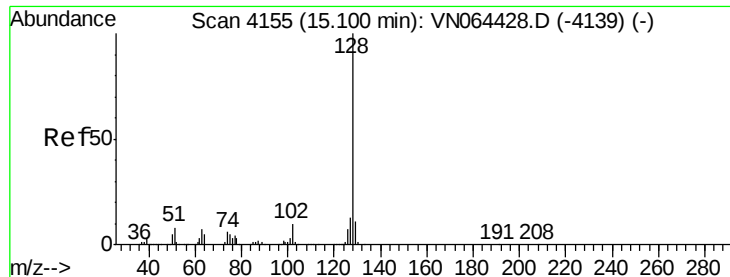
#94
 Hexachlorobutadiene
 Concen: 0.262 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064677.D
 Acq: 17 Nov 2020 13:55

Tgt Ion:225 Resp: 508
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.8 95.4#
 227 29.5 31.8 95.4#



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

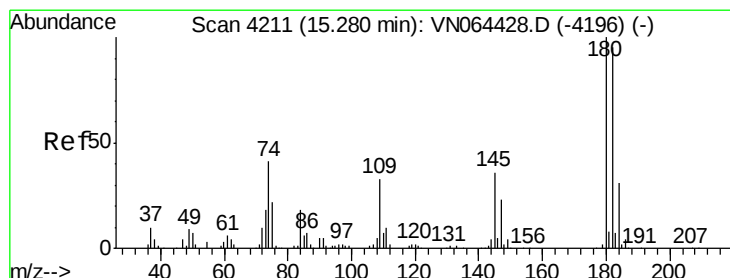
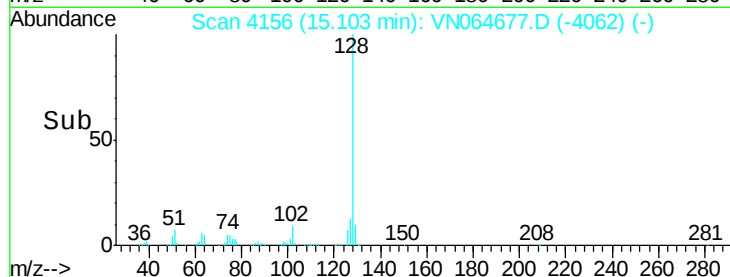
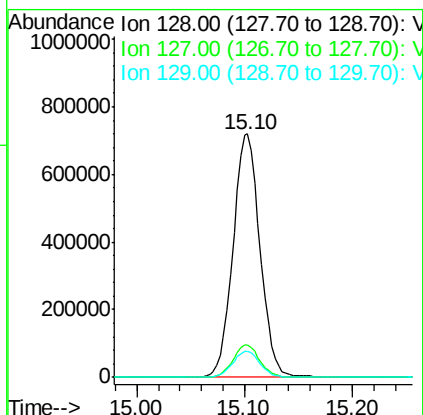
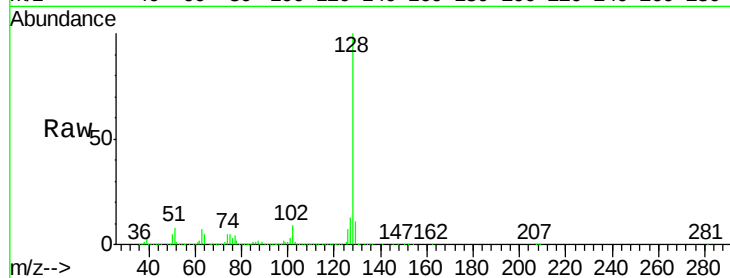




#95
Naphthalene
Concen: 75.306 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion:128 Resp: 1250028
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 3.018 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN064677.D
Acq: 17 Nov 2020 13:55

Tgt Ion:180 Resp: 1177
Ion Ratio Lower Upper
180 100
182 94.8 47.7 143.1
145 1160.0 18.3 54.8#

