

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064718.D
 Acq On : 18 Nov 2020 19:48
 Operator : JC/MD
 Sample : L4783-18 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Nov 19 01:37:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	218428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	440835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	461571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209112	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
35) Dibromofluoromethane	7.55	113	126420	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.06	98	563897	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.38	95	233802	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.74	59	4386	11.766	ug/l	97
13) Acrolein	3.51	56	401	4.595	ug/l #	1
16) Acetone	3.76	43	3689	8.952	ug/l #	48
18) Methyl Acetate	4.28	43	1262	1.770	ug/l #	54
19) Methyl tert-butyl Ether	4.99	73	3900	0.496	ug/l #	39
20) Methylene Chloride	4.50	84	934	0.328	ug/l #	17
25) 2-Butanone	6.79	43	757	0.515	ug/l #	51
31) Cyclohexane	7.62	56	10971	2.641	ug/l #	65
36) 1,1-Dichloropropene	7.62	75	20789	4.584	ug/l #	53
38) Carbon Tetrachloride	7.63	117	25136	5.215	ug/l #	17
39) Methylcyclohexane	9.05	83	2369	0.590	ug/l #	83
40) Benzene	8.00	78	87400	6.916	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	153	6.163	ug/l #	39
52) Toluene	10.13	92	10394	1.335	ug/l	92
56) Ethyl methacrylate	10.31	69	32	2.681	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.58	63	29	13.282	ug/l #	49
59) 2-Hexanone	10.57	43	1513	8.887	ug/l	83
67) Ethyl Benzene	11.48	91	106402	6.146	ug/l	98
68) m/p-Xylenes	11.59	106	2180	4.360	ug/l #	70
70) Styrene	12.22	104	1017	2.619	ug/l #	24
71) Bromoform	12.36	173	133	2.491	ug/l #	1
73) Isopropylbenzene	12.22	105	40088	2.849	ug/l	99
76) 1,2,3-Trichloropropane	12.37	75	136457	31.960	ug/l #	100
78) n-propylbenzene	12.56	91	56592	3.454	ug/l	100
79) 2-Chlorotoluene	12.56	91	56592	5.397	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.87	105	9004	0.770	ug/l	78
81) trans-1,4-Dichloro-2-buten	12.37	75	136457	81.372	ug/l #	5
82) 4-Chlorotoluene	12.56	91	56592	5.061	ug/l #	43
89) n-Butylbenzene	13.59	91	2921	0.282	ug/l #	78
90) Hexachloroethane	13.86	117	1507	0.822	ug/l #	18
93) 1,2,4-Trichlorobenzene	14.88	180	37	1.342	ug/l #	72
94) Hexachlorobutadiene	14.98	225	29	Below Cal	#	1
95) Naphthalene	15.10	128	24045	2.159	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	137	0.799	ug/l #	29

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Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration

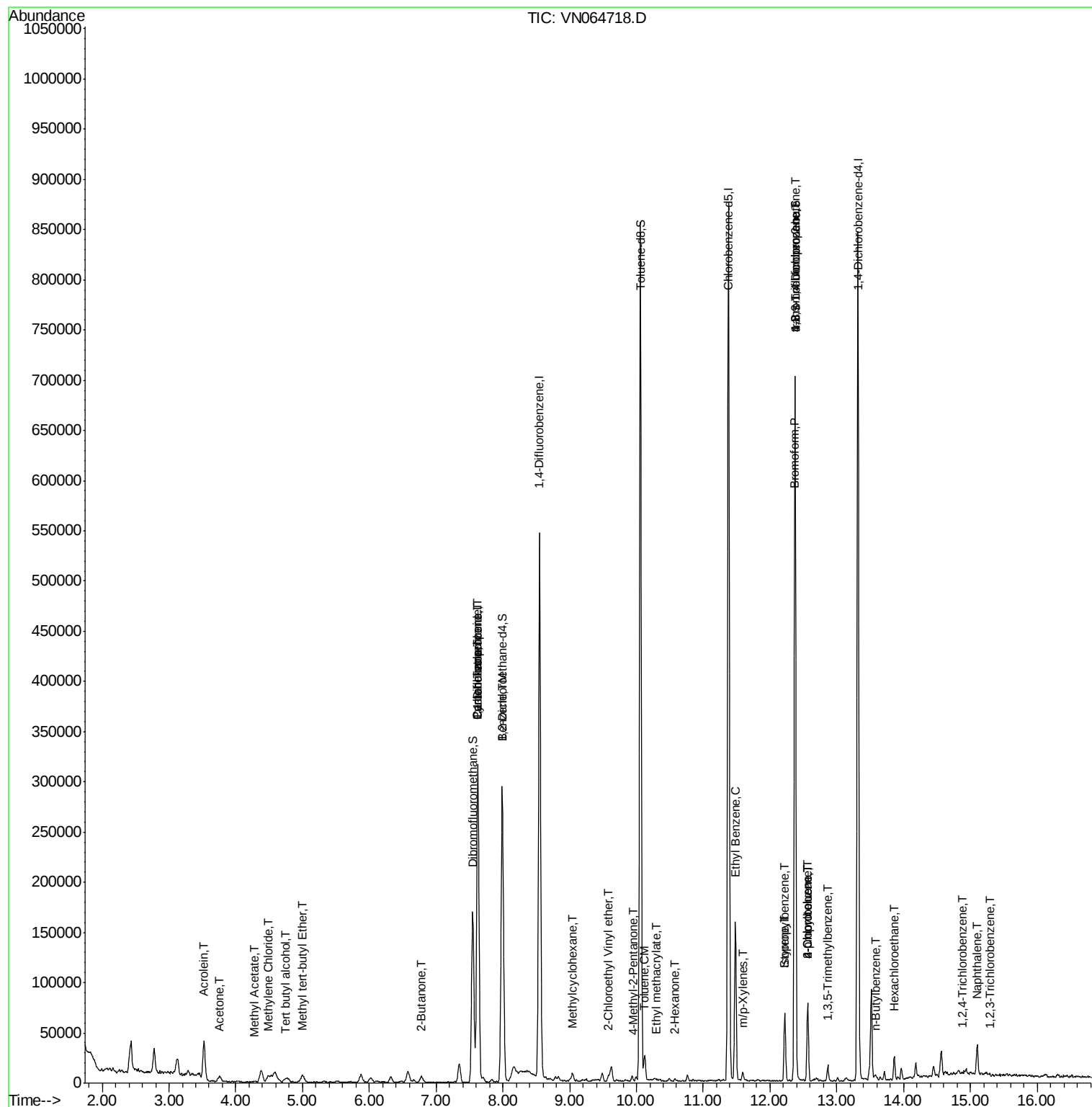
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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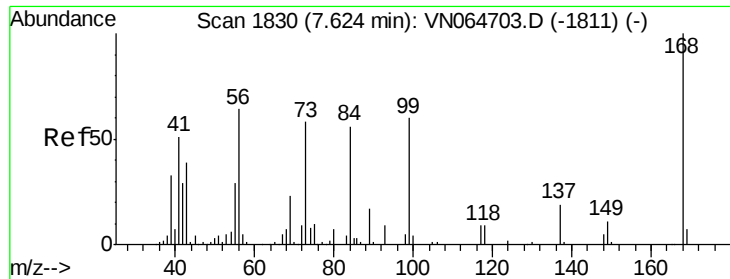
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

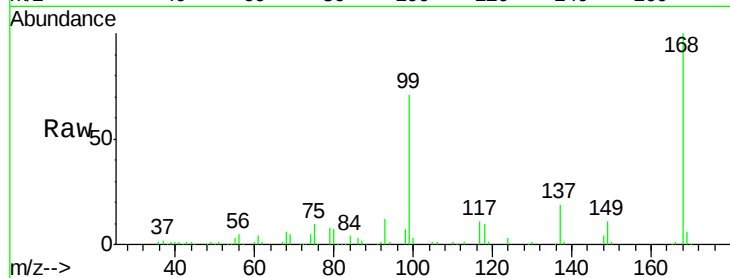
MW-5

Tot Ion:168 Resp: 218428

Ion Ratio Lower Upper

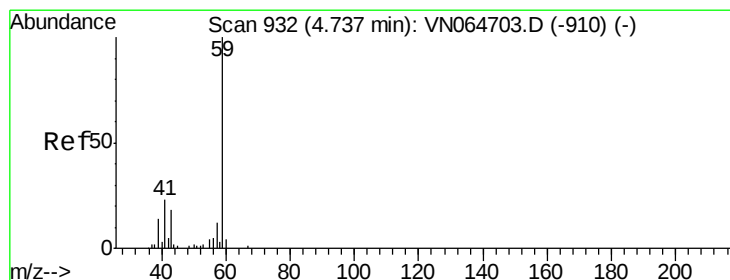
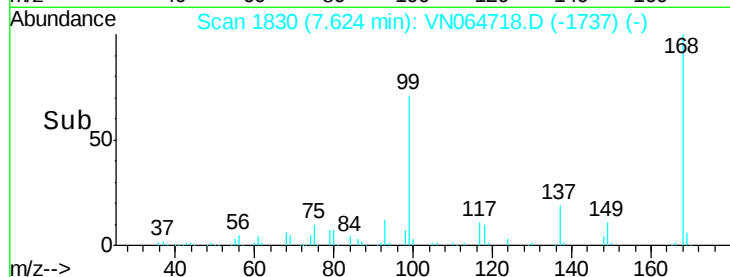
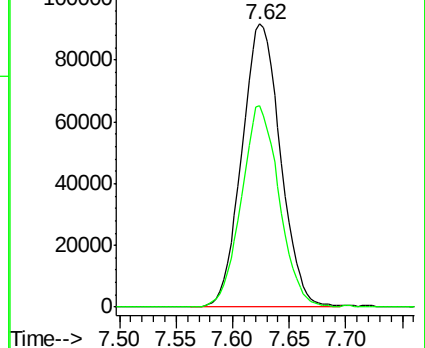
168 100

99 71.2 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 11.766 ug/l

RT: 4.74 min Scan# 934

Delta R.T. 0.01 min

Lab File: VN064718.D

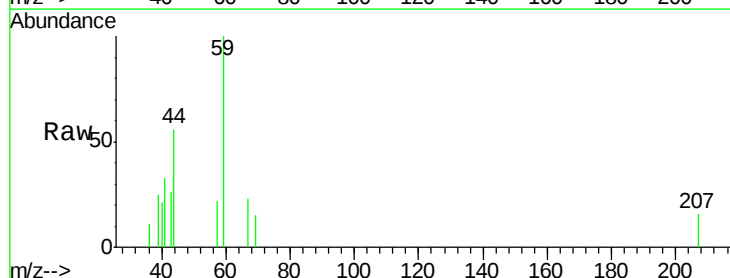
Acq: 18 Nov 2020 19:48

Tgt Ion: 59 Resp: 4386

Ion Ratio Lower Upper

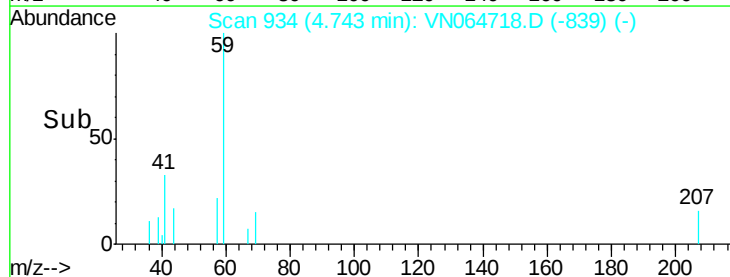
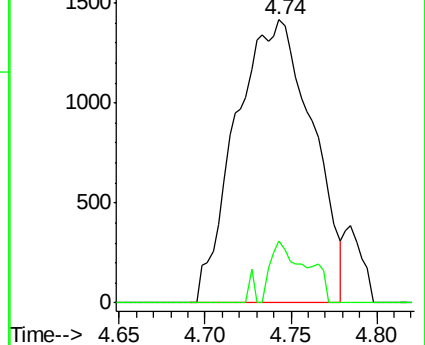
59 100

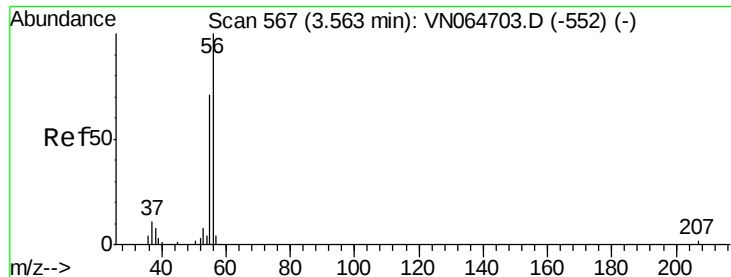
57 10.2 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 4.595 ug/l

RT: 3.51 min Scan# 552

Delta R.T. -0.05 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampled :

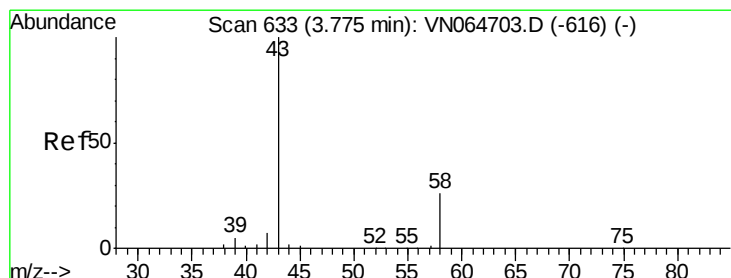
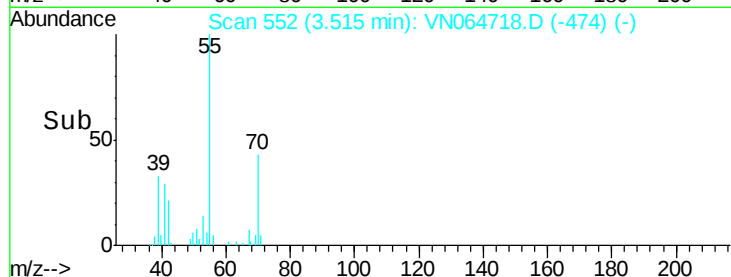
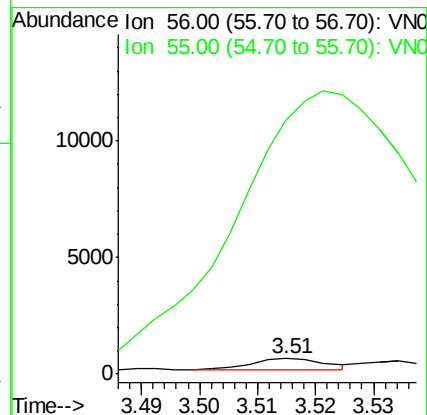
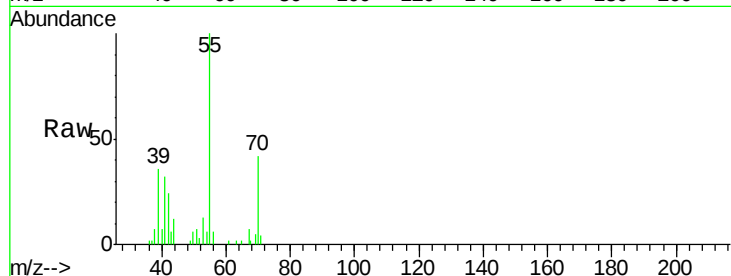
MW-5

Tot Ion: 56 Resp: 401

Ion Ratio Lower Upper

56 100

55 7174.6 61.8 92.6#



#16

Acetone

Concen: 8.952 ug/l

RT: 3.76 min Scan# 629

Delta R.T. -0.01 min

Lab File: VN064718.D

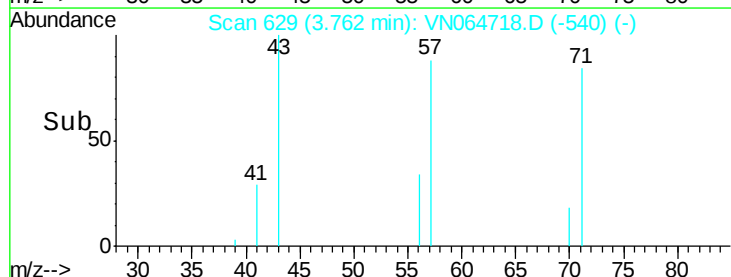
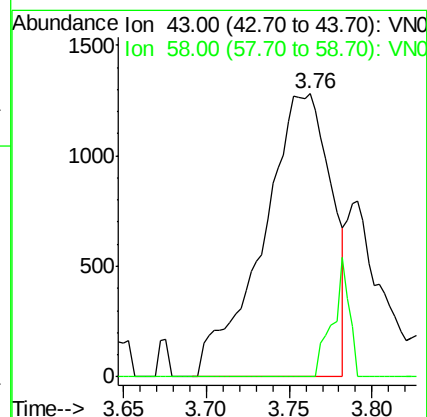
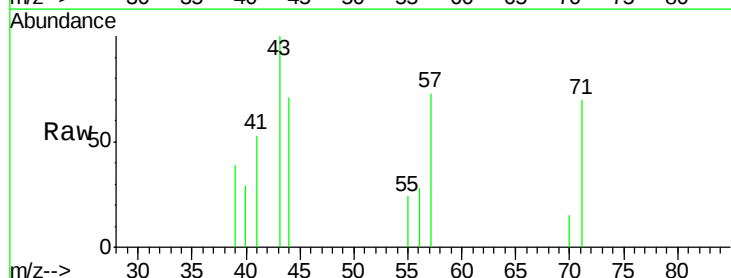
Acq: 18 Nov 2020 19:48

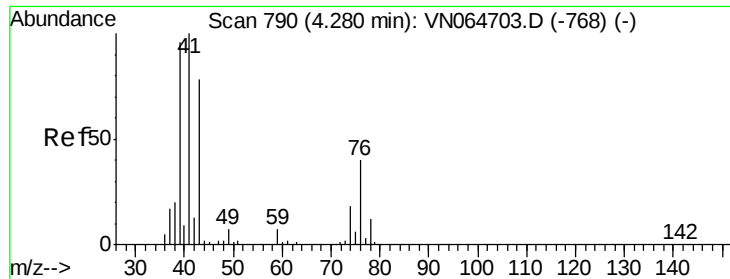
Tgt Ion: 43 Resp: 3689

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#

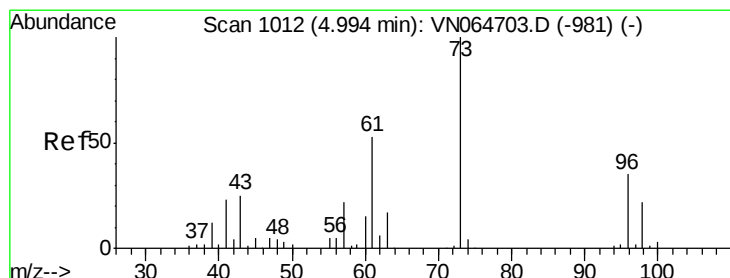
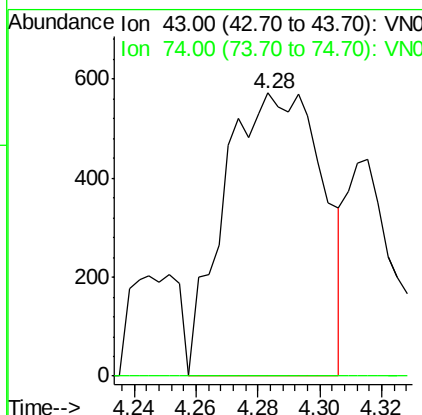
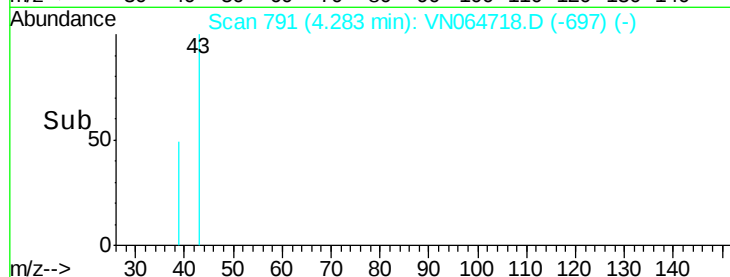
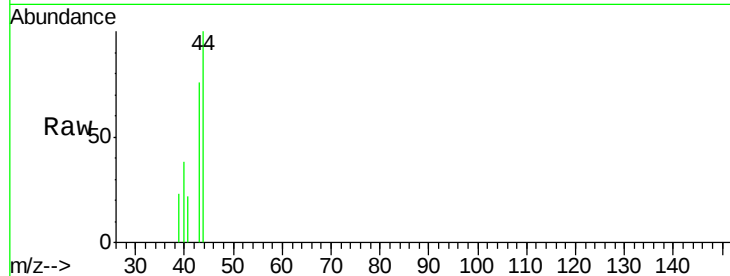




#18
Methyl Acetate
Concen: 1.770 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

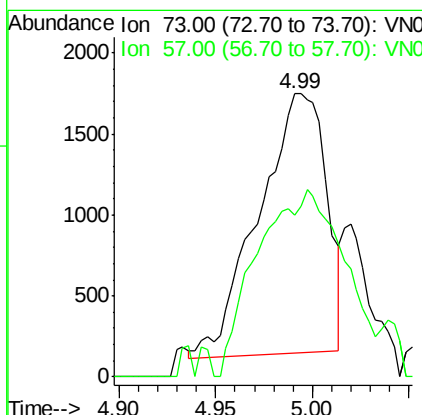
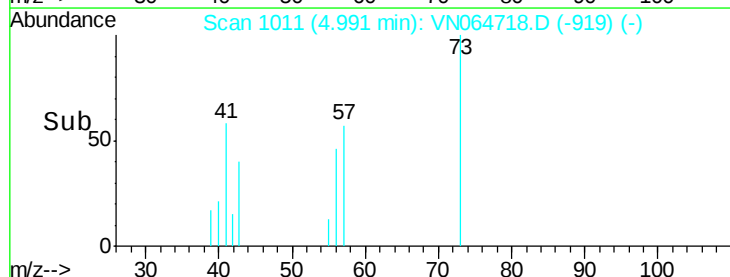
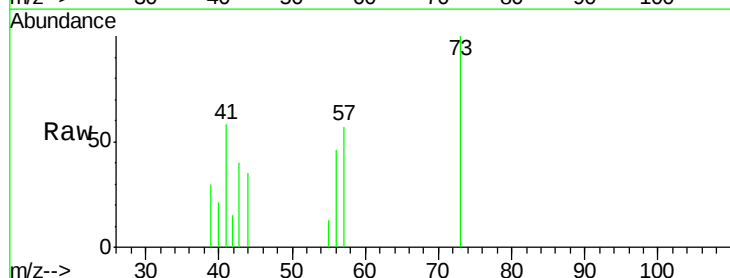
Instrument :
MSVOA_N
ClientSampled :
MW-5

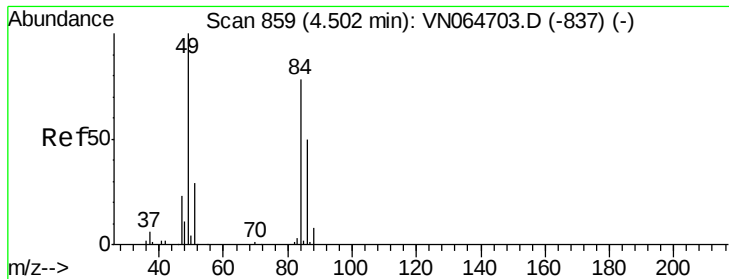
Tot Ion: 43 Resp: 1262
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#19
Methyl tert-butyl Ether
Concen: 0.496 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion: 73 Resp: 3900
Ion Ratio Lower Upper
73 100
57 50.7 17.3 25.9#





#20

Methvlene Chloride

Concen: 0.328 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tot Ion: 84 Resp: 934

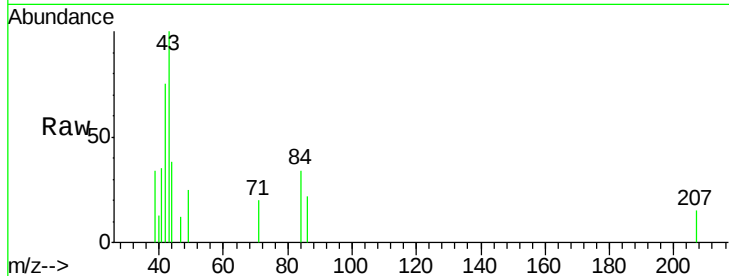
Ion Ratio Lower Upper

84 100

49 0.0 102.4 153.6#

51 0.0 29.4 44.2#

86 96.2 51.2 76.8#

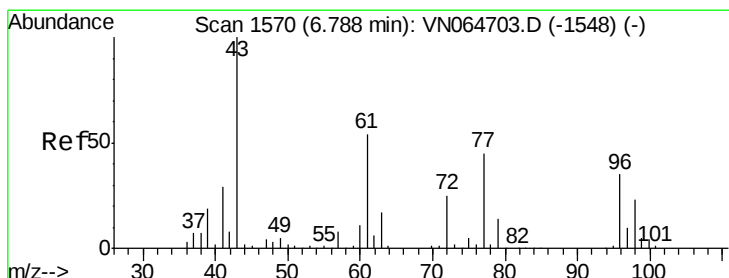
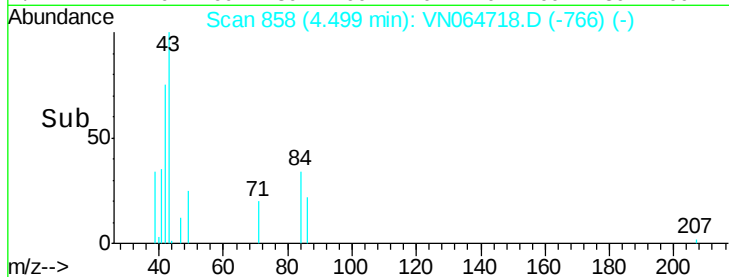
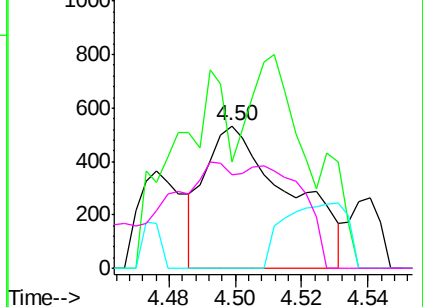


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.515 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064718.D

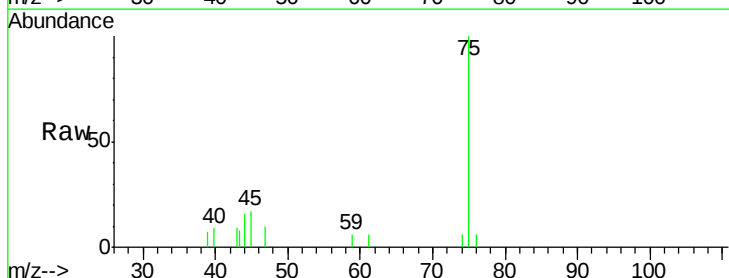
Acq: 18 Nov 2020 19:48

Tgt Ion: 43 Resp: 757

Ion Ratio Lower Upper

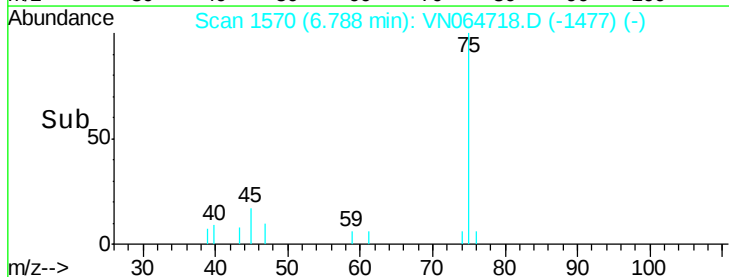
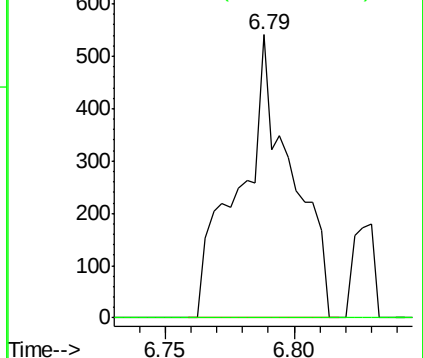
43 100

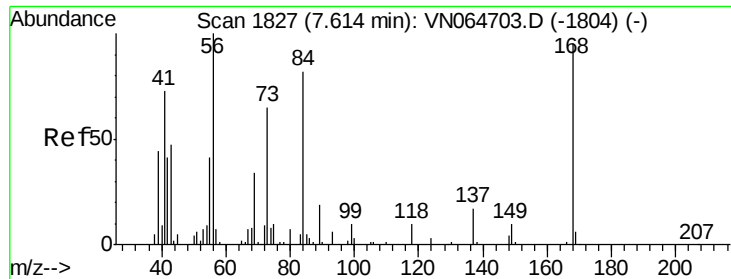
72 0.0 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

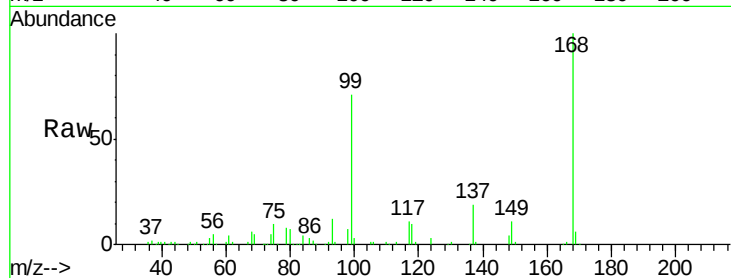




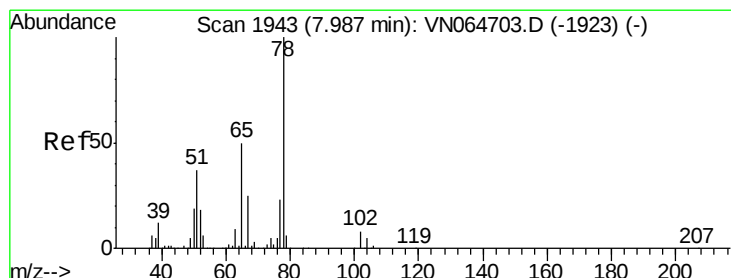
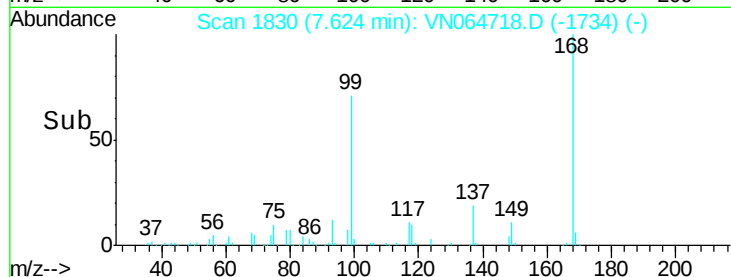
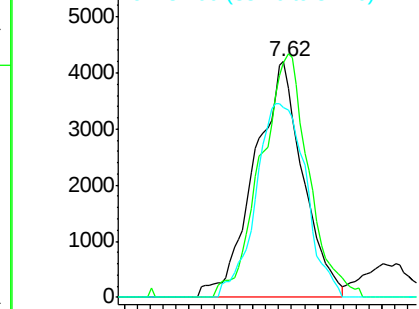
#31
Cyclohexane
Concen: 2.641 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion: 56 Resp: 10971
Ion Ratio Lower Upper
56 100
69 99.5 27.2 40.8#
84 80.4 65.9 98.9

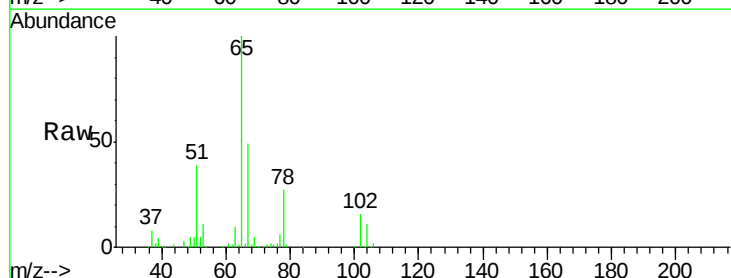


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

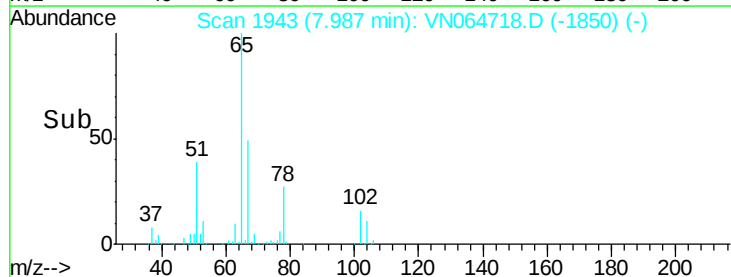
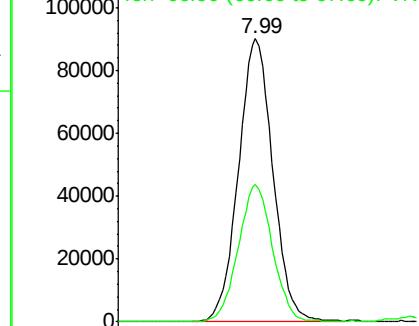


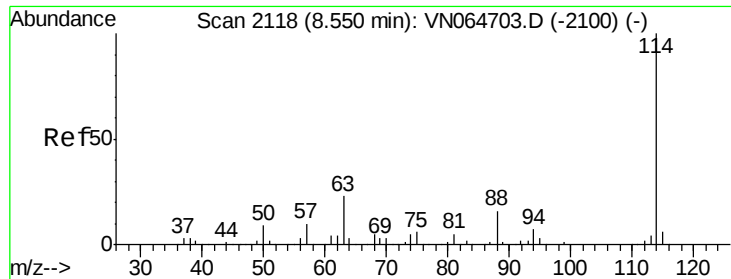
#33
1,2-Dichloroethane-d4
Concen: 54.421 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion: 65 Resp: 209112
Ion Ratio Lower Upper
65 100
67 48.3 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

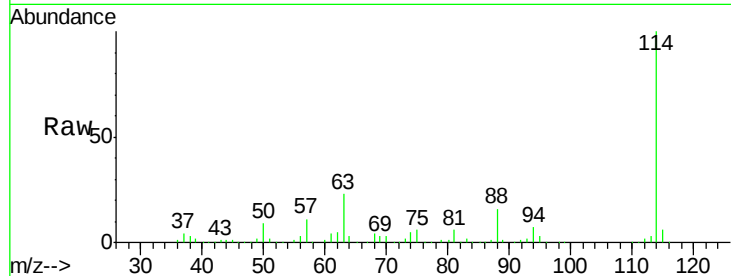




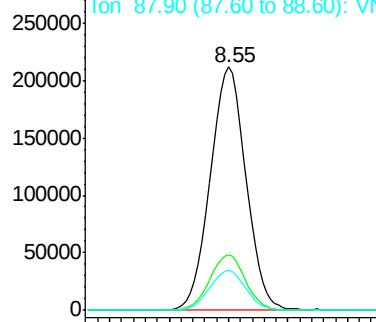
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Instrument :
MSVOA_N
ClientSampled :
MW-5

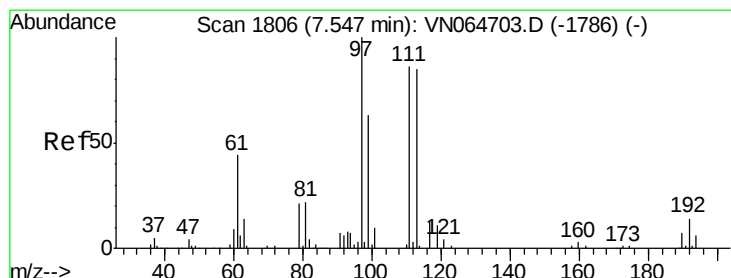
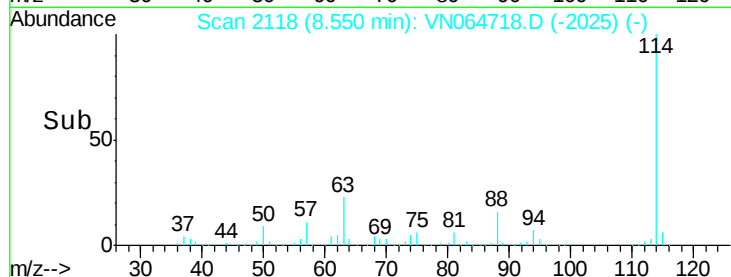
Tot Ion:114 Resp: 440835
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.0
88 16.4 0.0 31.2



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

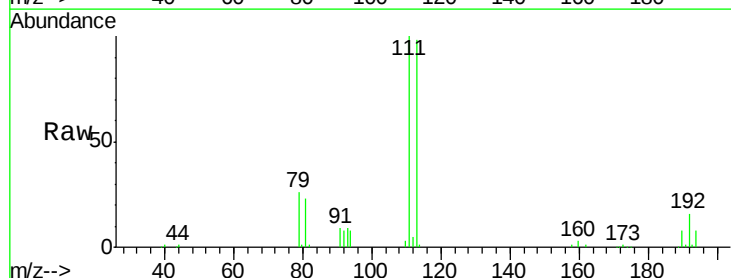


Time-->

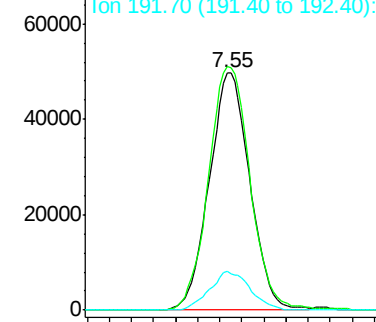


#35
Dibromofluoromethane
Concen: 50.384 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

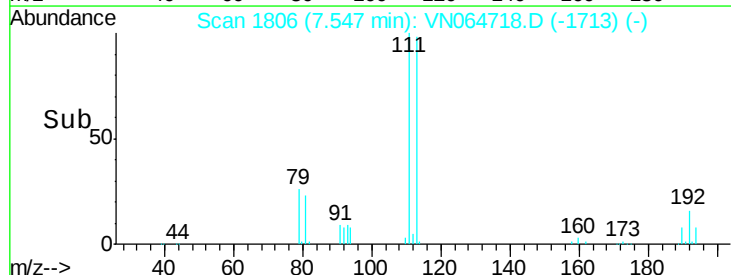
Tgt Ion:113 Resp: 126420
Ion Ratio Lower Upper
113 100
111 105.7 82.2 123.4
192 16.3 12.7 19.1

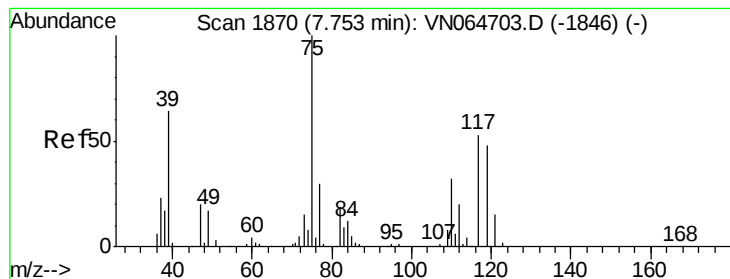


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



Time-->





#36

1,1-Dichloropropene

Concen: 4.584 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

MW-5

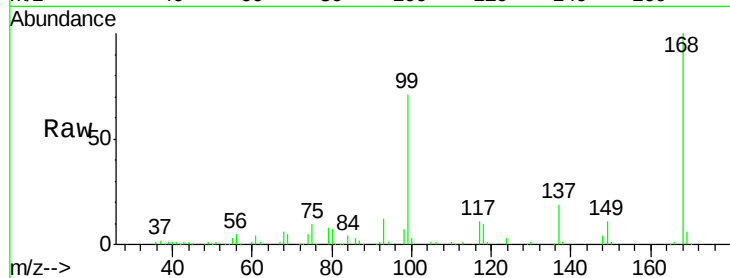
Tot Ion: 75 Resp: 20789

Ion Ratio Lower Upper

75 100

110 11.0 16.2 48.6#

77 0.0 24.4 36.6#

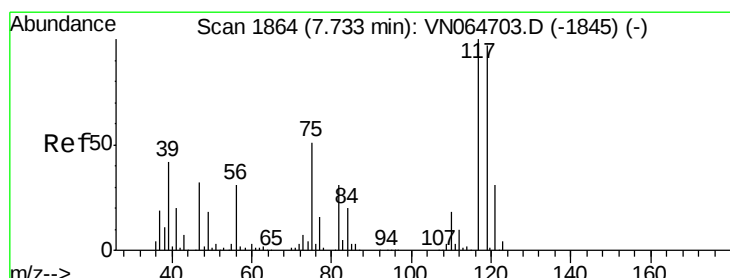
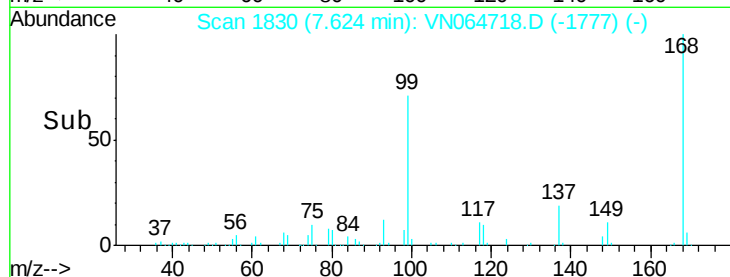


Abundance Ion 74.90 (74.60 to 75.60): VN064718.D (-1777) (-)

Ion 109.90 (109.60 to 110.60): VN064718.D (-1777) (-)

Ion 76.90 (76.60 to 77.60): VN064718.D (-1777) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.215 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

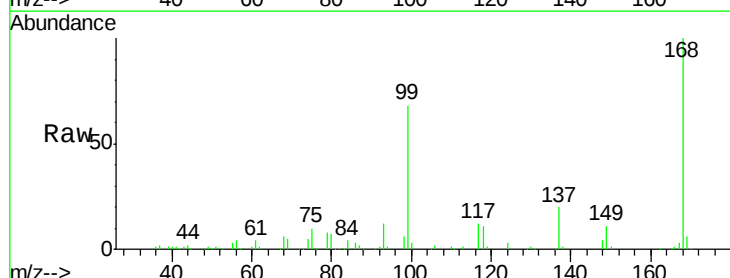
Tgt Ion: 117 Resp: 25136

Ion Ratio Lower Upper

117 100

119 6.7 77.8 116.6#

121 0.0 24.9 37.3#

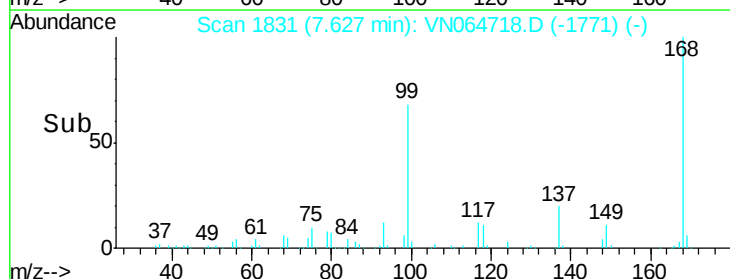


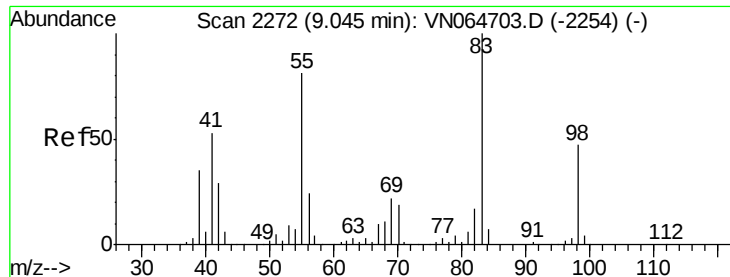
Abundance Ion 116.80 (116.50 to 117.50): VN064718.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN064718.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN064718.D (-1771) (-)

Time-->

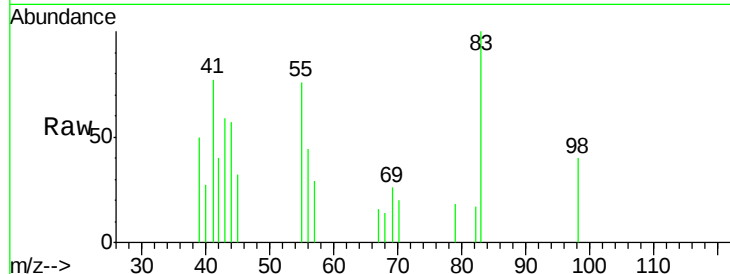




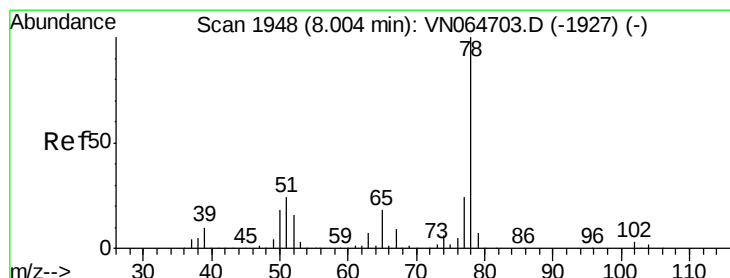
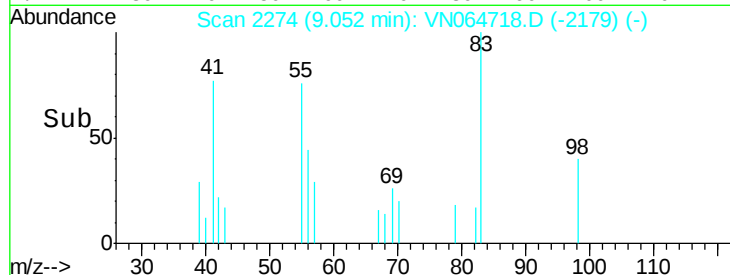
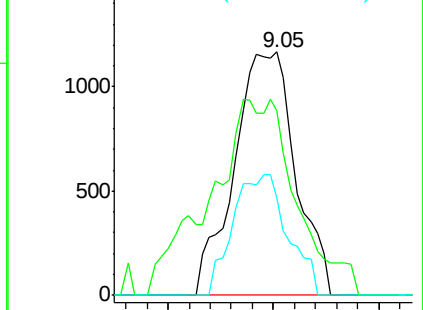
#39
Methvlcvclohexane
Concen: 0.590 ug/l
RT: 9.05 min Scan# 2274
Delta R.T. 0.01 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion: 83 Resp: 2369
Ion Ratio Lower Upper
83 100
55 62.4 64.6 97.0#
98 39.9 37.7 56.5

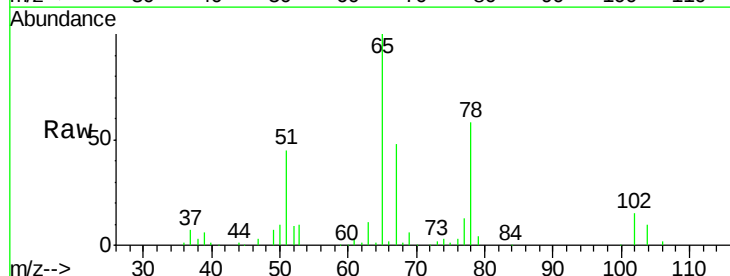


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

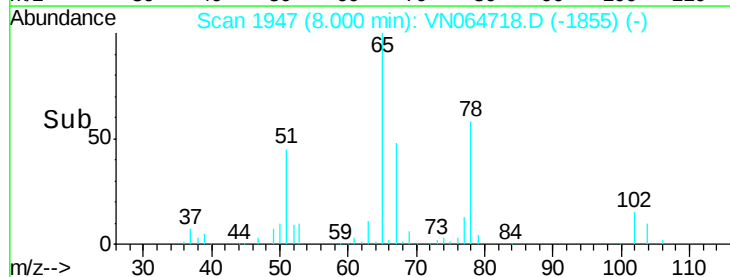
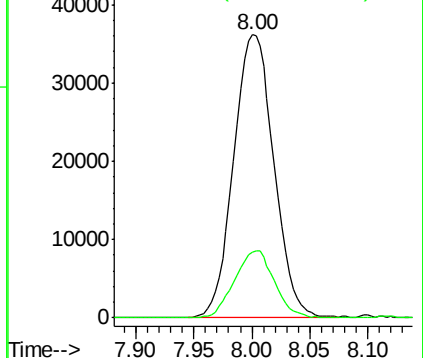


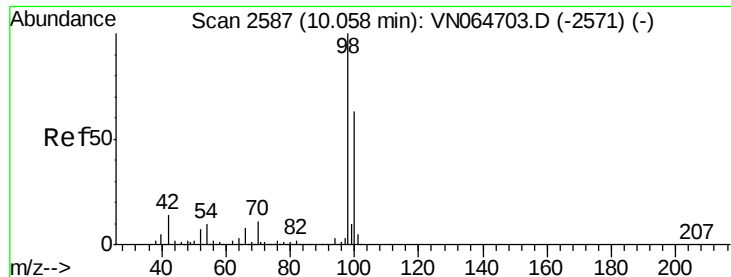
#40
Benzene
Concen: 6.916 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion: 78 Resp: 87400
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8



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





#50

Toluene-d8

Concen: 49.449 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampled :

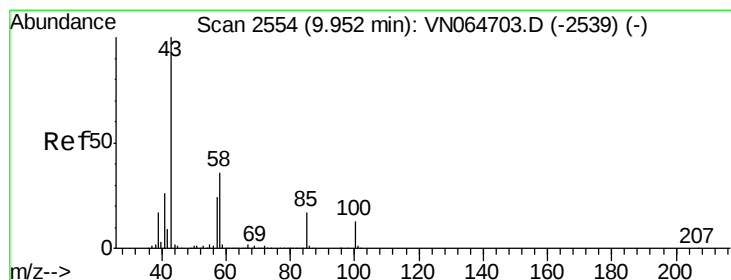
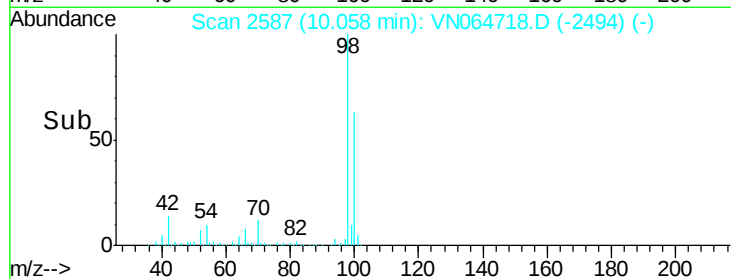
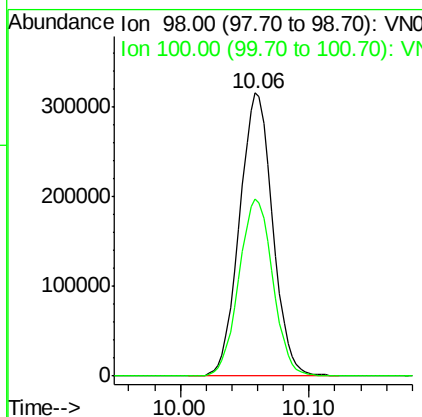
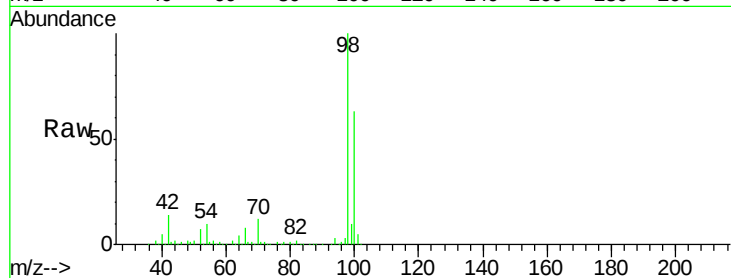
MW-5

Tot Ion: 98 Resp: 563897

Ion Ratio Lower Upper

98 100

100 64.1 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 6.163 ug/l

RT: 9.96 min Scan# 2557

Delta R.T. 0.01 min

Lab File: VN064718.D

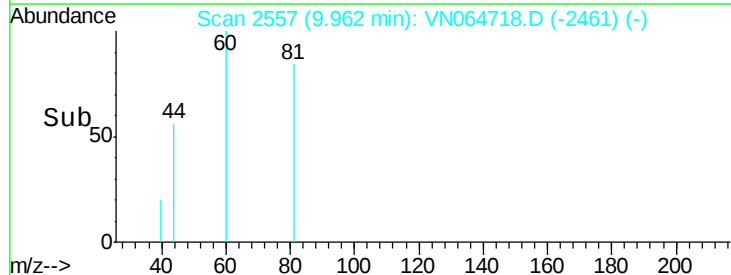
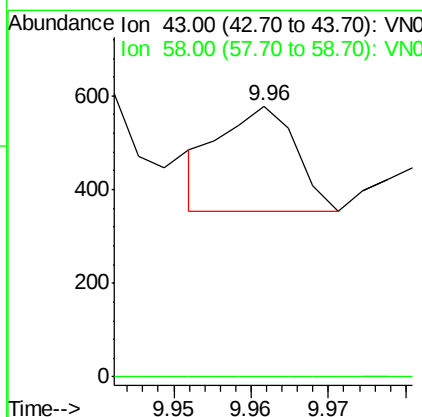
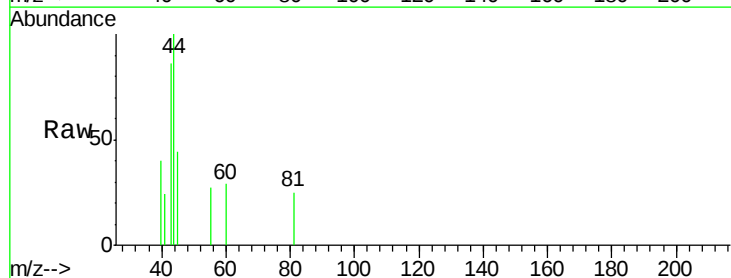
Acq: 18 Nov 2020 19:48

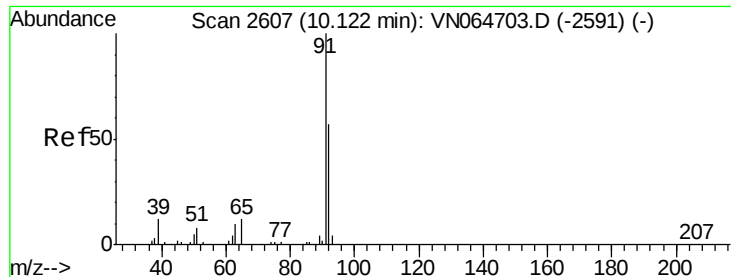
Tgt Ion: 43 Resp: 153

Ion Ratio Lower Upper

43 100

58 0.0 28.5 42.7#





#52

Toluene

Concen: 1.335 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampled :

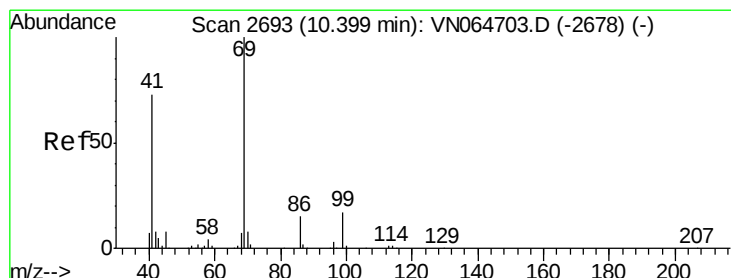
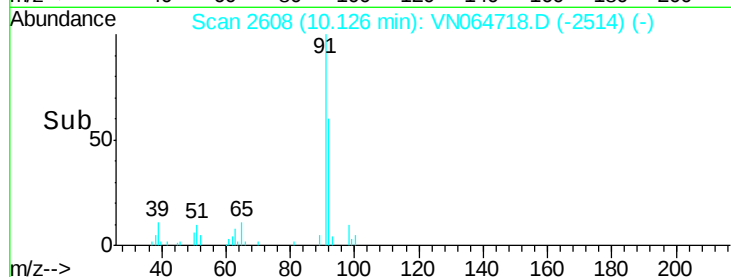
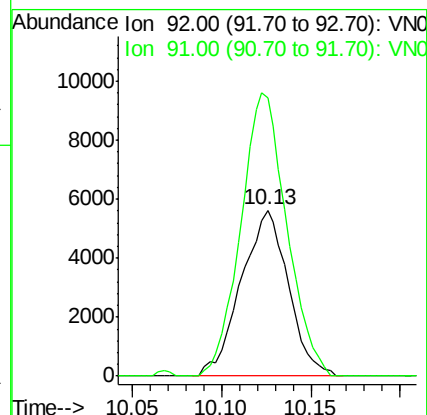
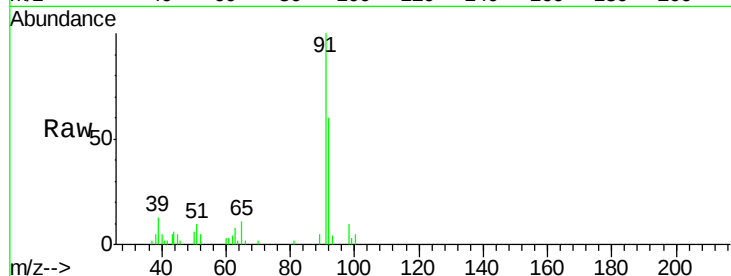
MW-5

Tot Ion: 92 Resp: 10394

Ion Ratio Lower Upper

92 100

91 165.8 141.2 211.8



#56

Ethyl methacrylate

Concen: 2.681 ug/l

RT: 10.31 min Scan# 2665

Delta R.T. -0.09 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

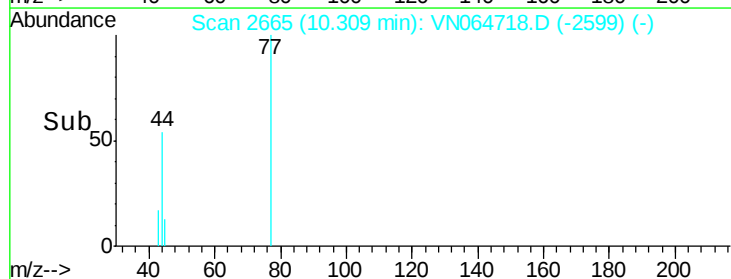
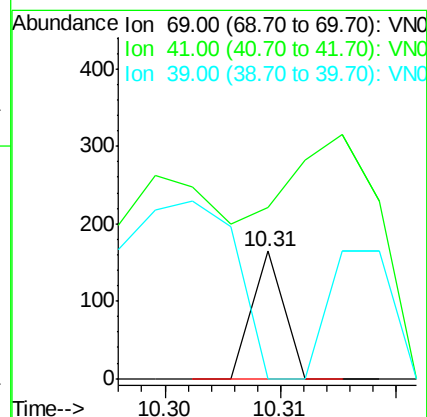
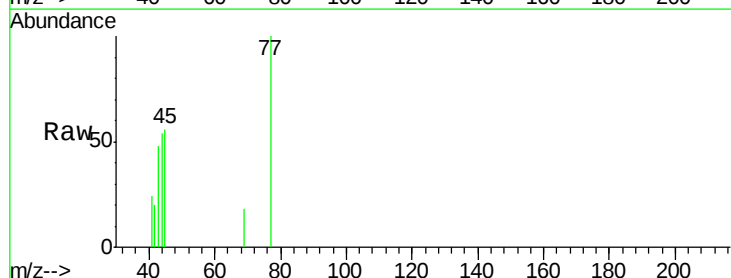
Tgt Ion: 69 Resp: 32

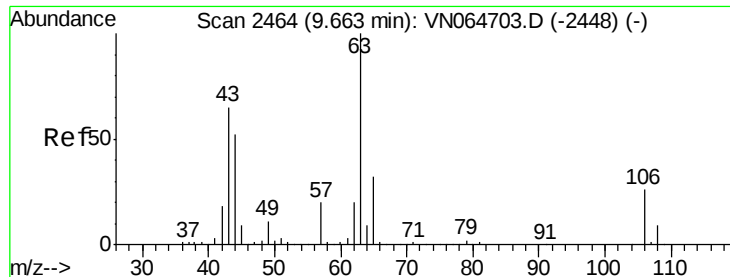
Ion Ratio Lower Upper

69 100

41 631.3 59.0 88.4#

39 0.0 38.4 57.6#





#58

2-Chloroethyl Vinyl ether

Concen: 13.282 ug/l

RT: 9.58 min Scan# 2438

Delta R.T. -0.08 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

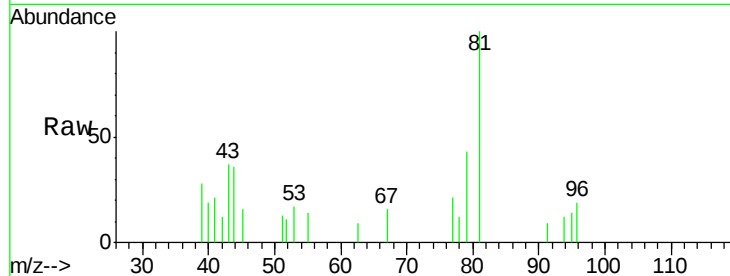
MW-5

Tot Ion: 63 Resp: 29

Ion Ratio Lower Upper

63 100

106 0.0 20.9 31.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.58

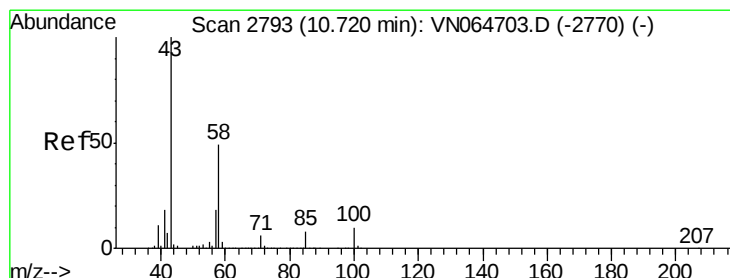
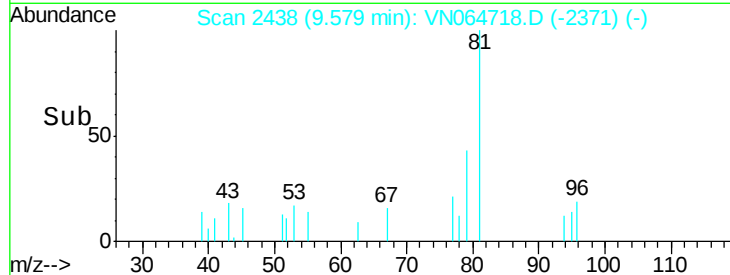
150

100

50

0

Time-->



#59

2-Hexanone

Concen: 8.887 ug/l

RT: 10.57 min Scan# 2746

Delta R.T. -0.15 min

Lab File: VN064718.D

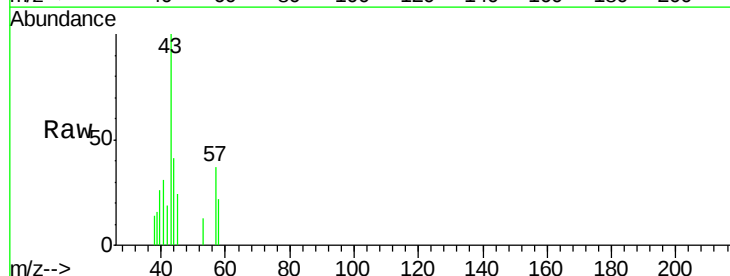
Acq: 18 Nov 2020 19:48

Tgt Ion: 43 Resp: 1513

Ion Ratio Lower Upper

43 100

58 37.6 24.4 73.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

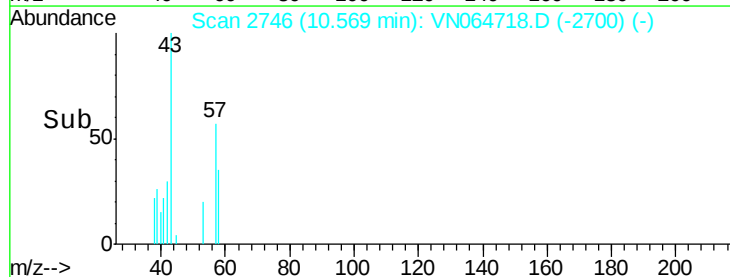
10.57

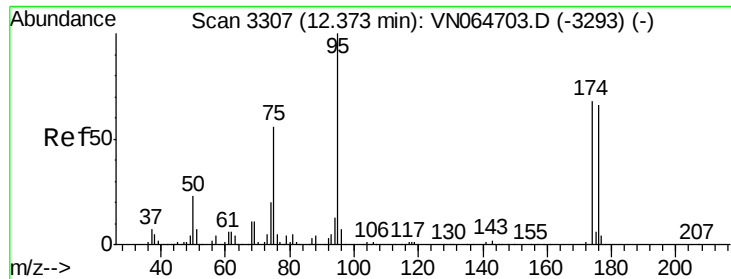
1000

500

0

Time-->

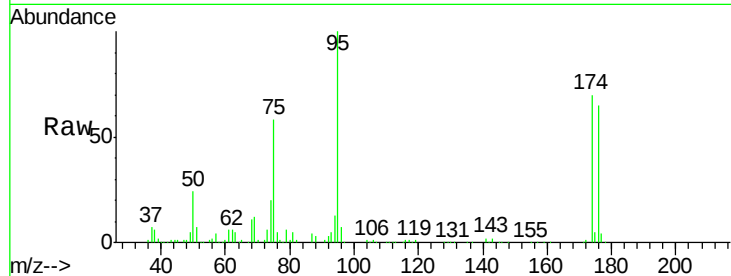




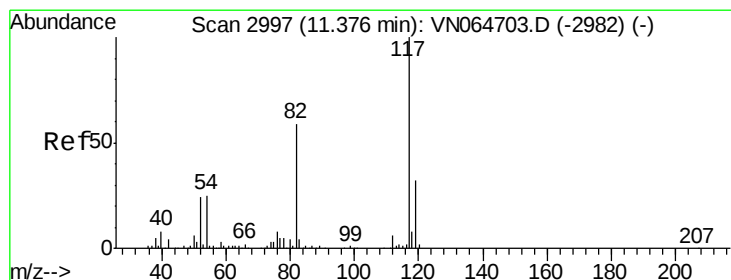
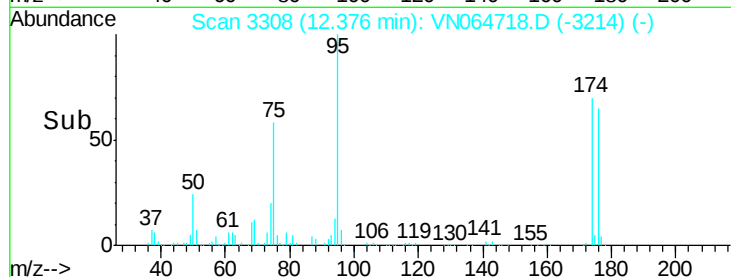
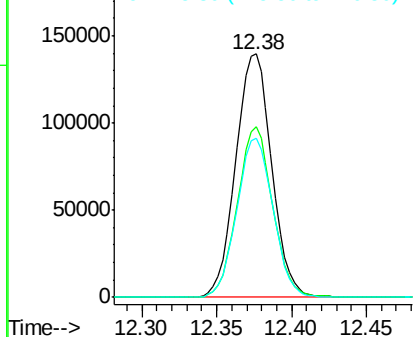
#62
 4-Bromofluorobenzene
 Concen: 54.852 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064718.D
 Acq: 18 Nov 2020 19:48

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tot Ion: 95 Resp: 233802
 Ion Ratio Lower Upper
 95 100
 174 69.0 0.0 136.8
 176 65.8 0.0 134.2

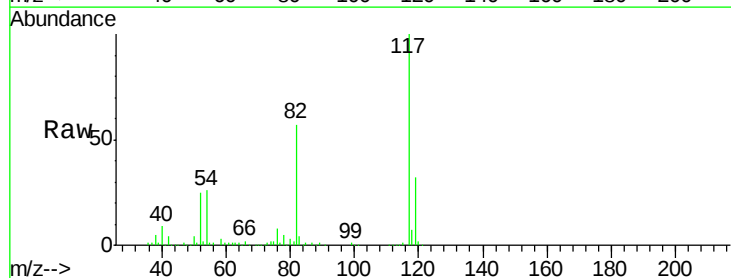


Abundance Ion 94.90 (94.60 to 95.60): VN064718.D (-3293) (-)
 Ion 173.80 (173.50 to 174.50): VN064718.D (-3293) (-)
 Ion 175.80 (175.50 to 176.50): VN064718.D (-3293) (-)

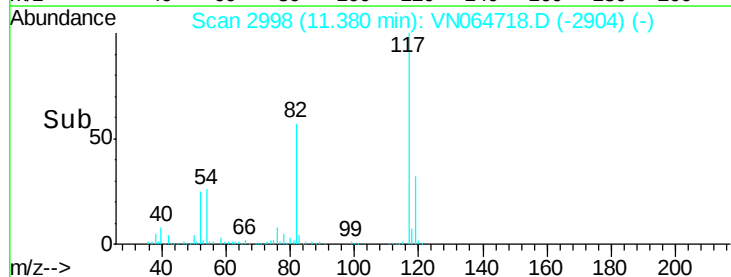
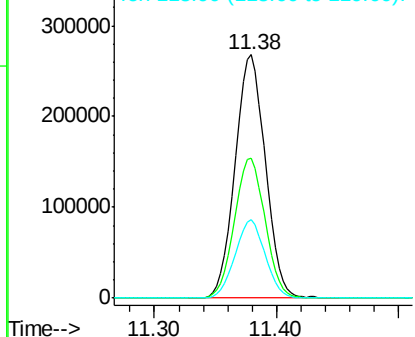


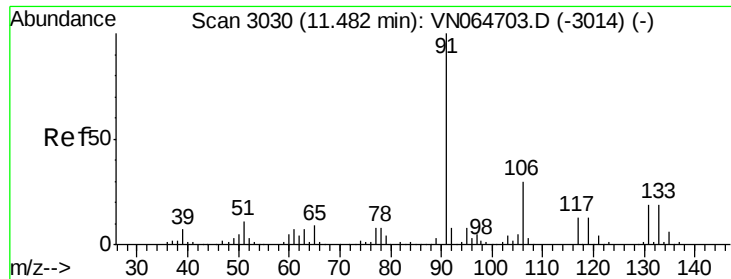
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN064718.D
 Acq: 18 Nov 2020 19:48

Tgt Ion: 117 Resp: 461571
 Ion Ratio Lower Upper
 117 100
 82 57.4 47.0 70.6
 119 32.5 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN064718.D (-2904) (-)
 Ion 82.00 (81.70 to 82.70): VN064718.D (-2904) (-)
 Ion 118.90 (118.60 to 119.60): VN064718.D (-2904) (-)

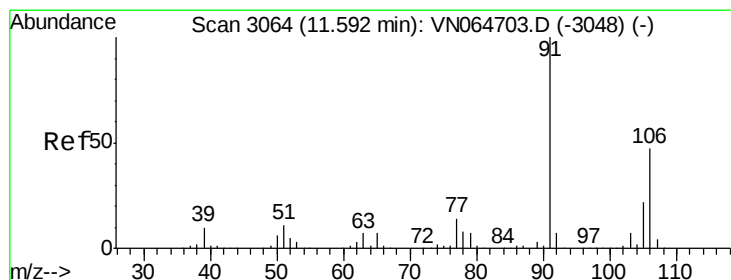
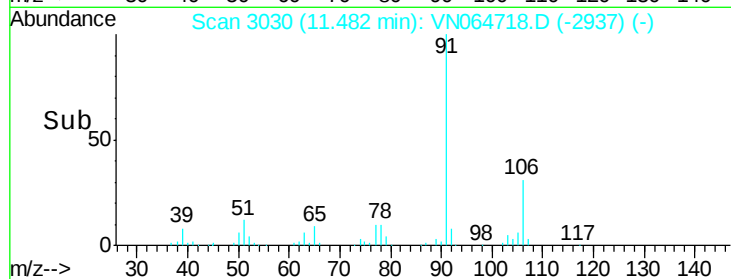
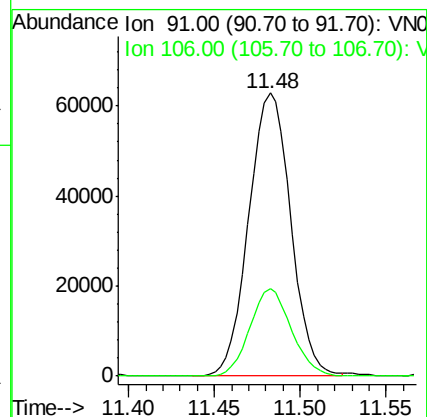
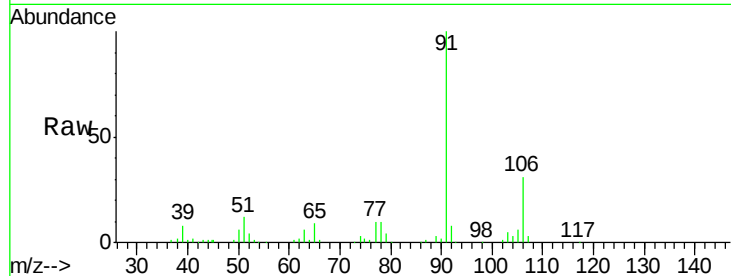




#67
Ethyl Benzene
Concen: 6.146 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

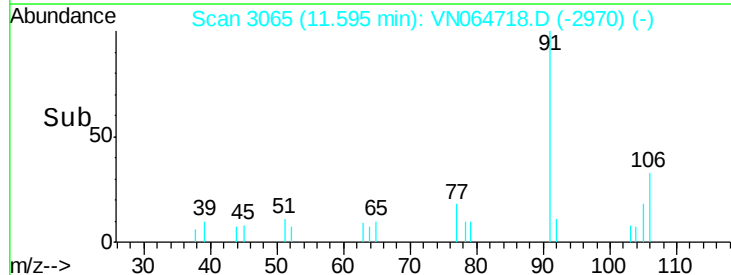
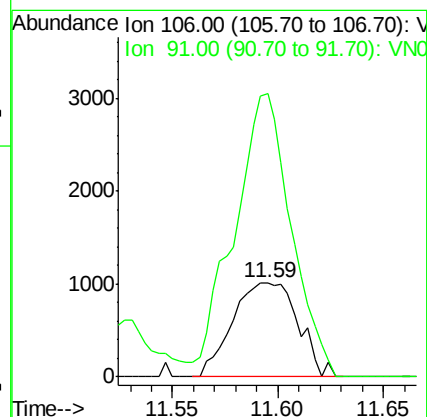
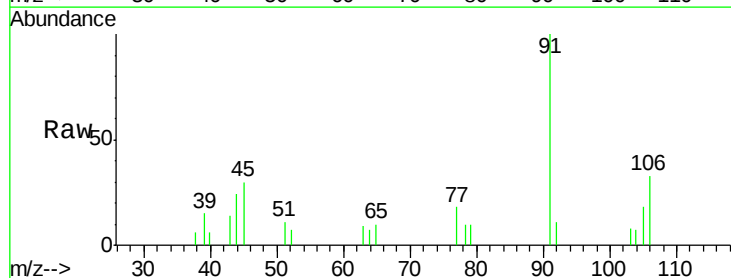
Instrument :
MSVOA_N
ClientSampled :
MW-5

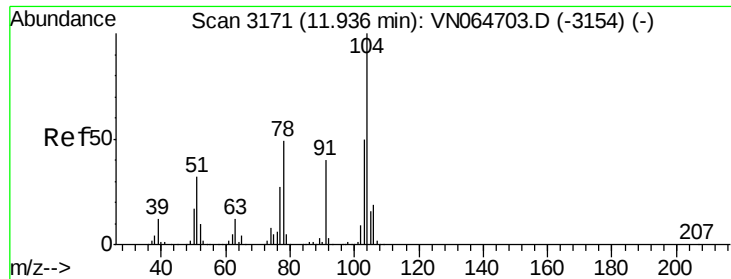
Tot Ion: 91 Resp: 106402
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9



#68
m/p-Xylenes
Concen: 4.360 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion: 106 Resp: 2180
Ion Ratio Lower Upper
106 100
91 262.8 171.9 257.9#

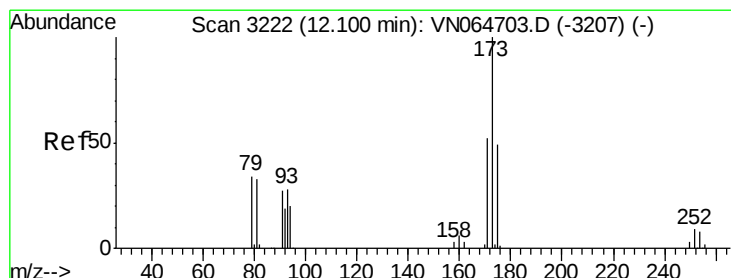
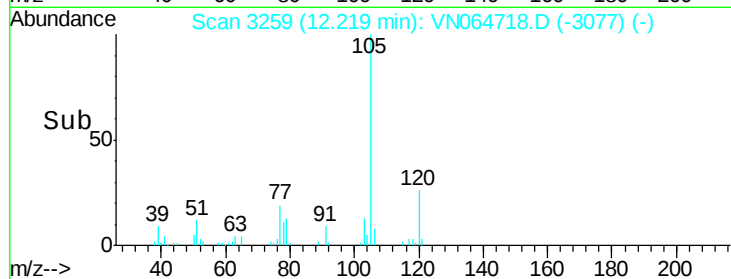
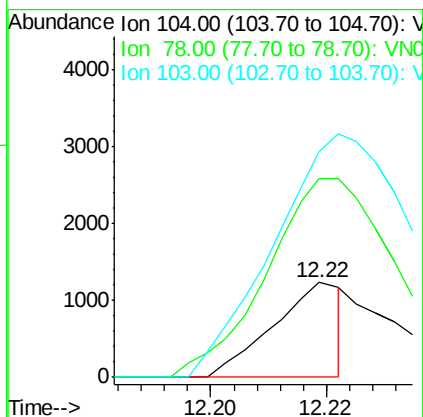
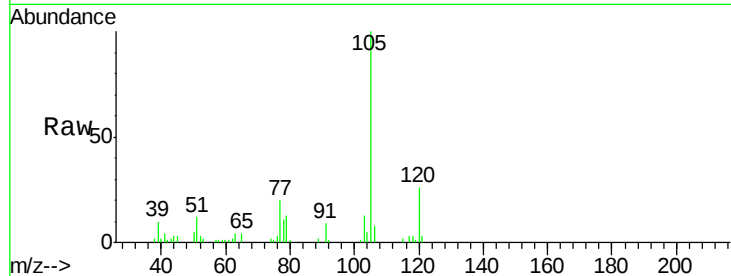




#70
Stvrene
Concen: 2.619 ug/l
RT: 12.22 min Scan# 3259
Delta R.T. 0.28 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

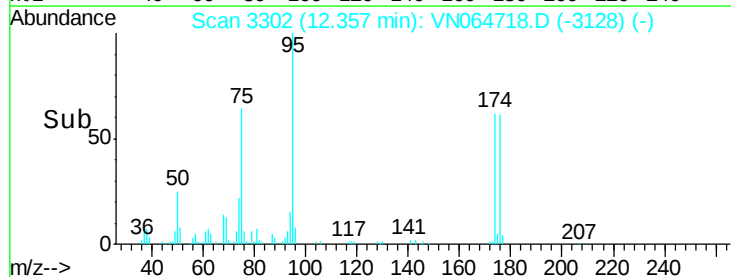
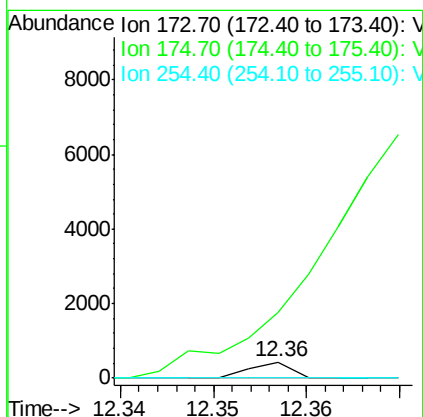
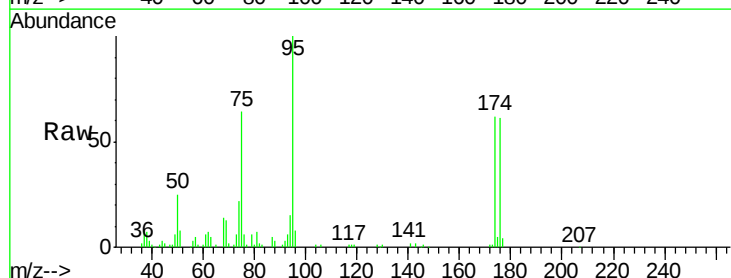
Instrument :
MSVOA_N
ClientSampled :
MW-5

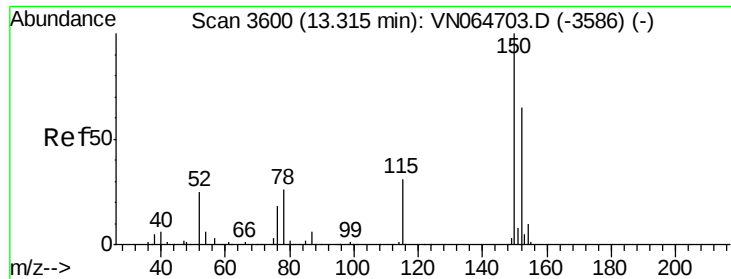
Tot Ion:104 Resp: 1017
Ion Ratio Lower Upper
104 100
78 0.0 44.1 66.1#
103 0.0 43.7 65.5#



#71
Bromoform
Concen: 2.491 ug/l
RT: 12.36 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion:173 Resp: 133
Ion Ratio Lower Upper
173 100
175 8066.9 24.3 72.9#
254 0.0 0.1 0.1#



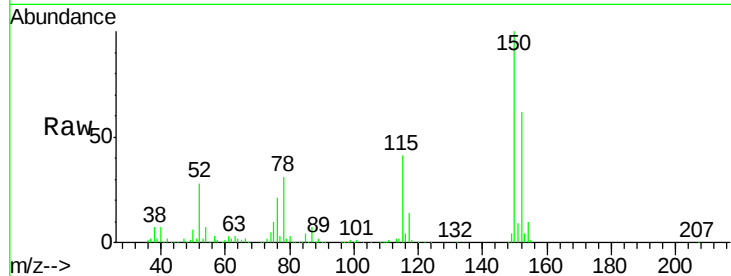


#72

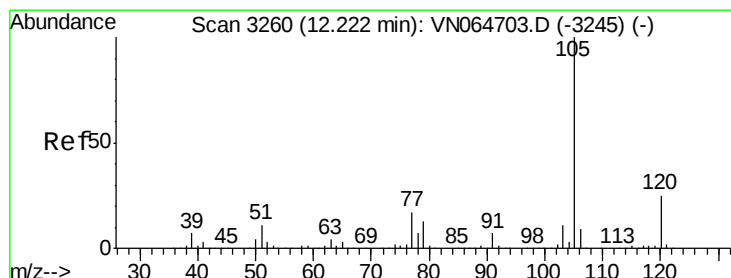
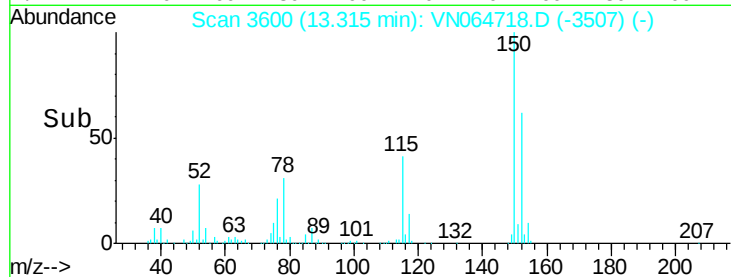
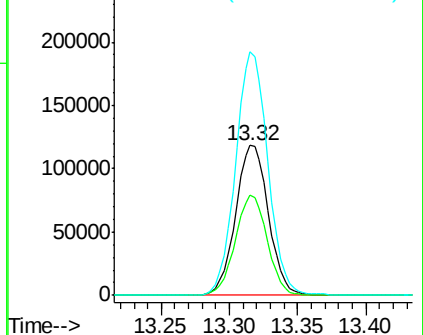
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion:152 Resp: 198157
Ion Ratio Lower Upper
152 100
115 64.9 32.1 96.3
150 159.6 0.0 344.8



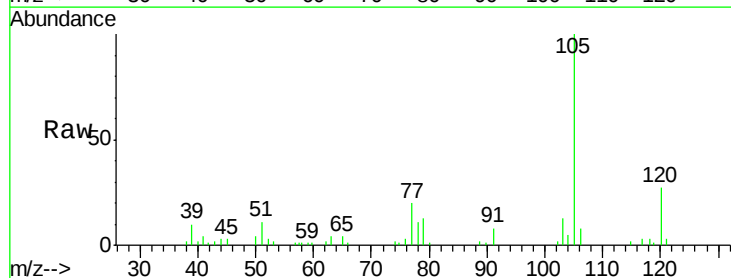
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



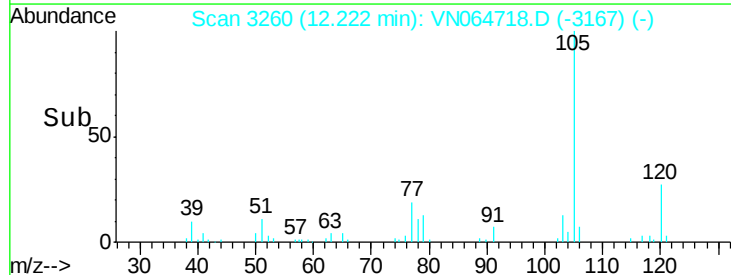
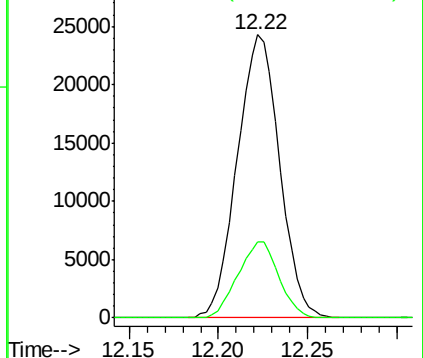
#73

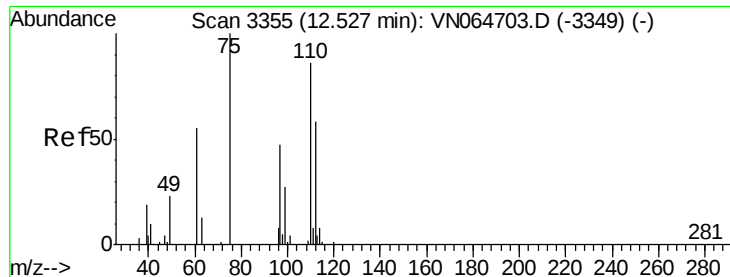
Isopropylbenzene
Concen: 2.849 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion:105 Resp: 40088
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

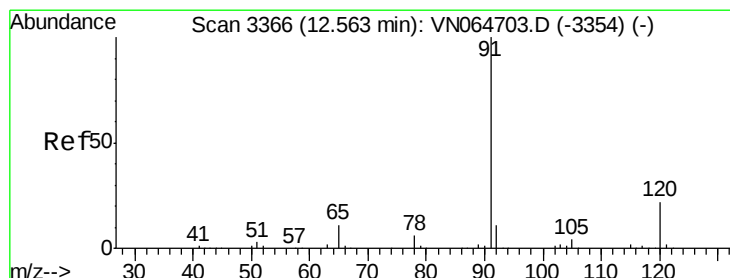
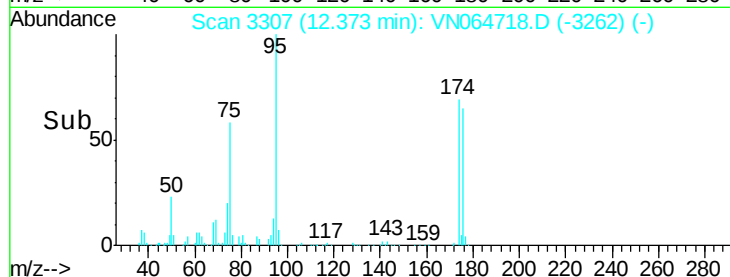
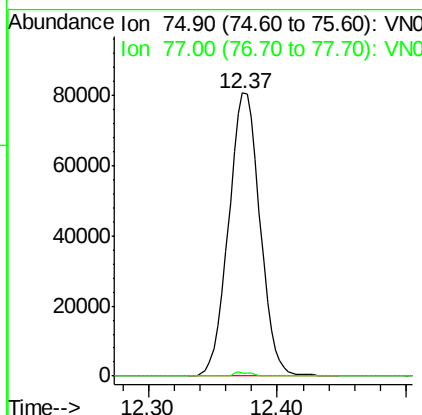
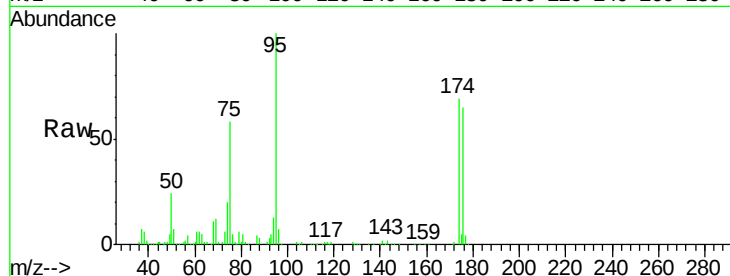




#76
1,2,3-Trichloropropane
Concen: 31.960 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

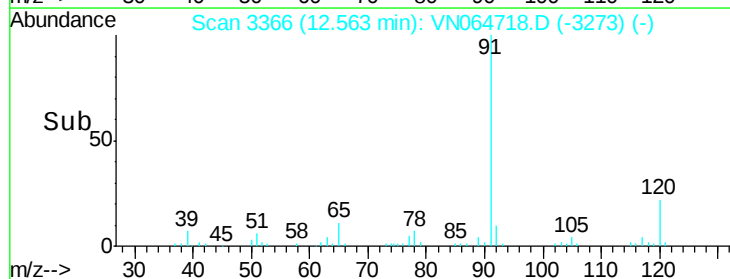
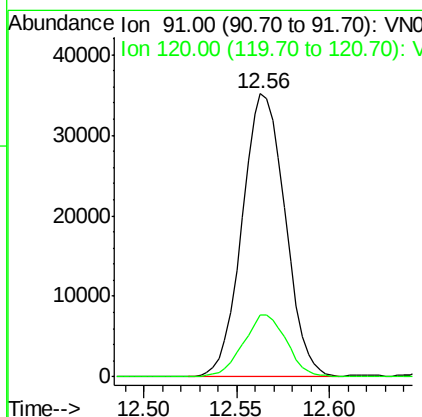
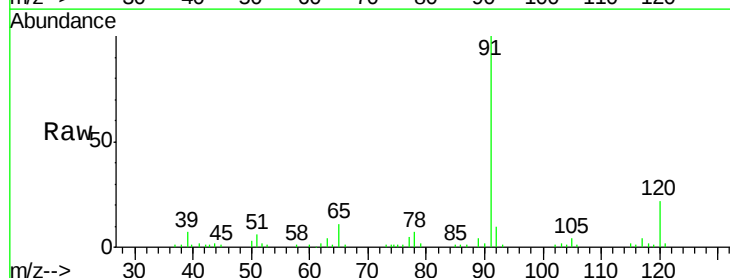
Instrument :
MSVOA_N
ClientSampleId :
MW-5

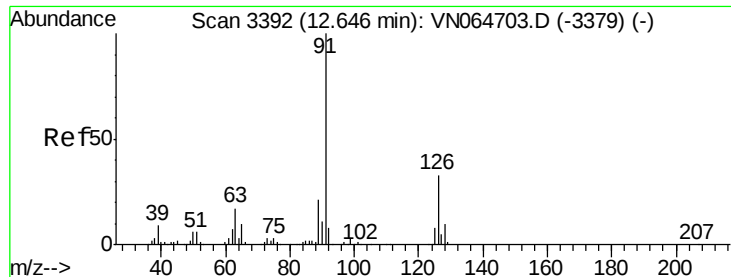
Tot Ion: 75 Resp: 136457
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#78
n-propylbenzene
Concen: 3.454 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064718.D
Acq: 18 Nov 2020 19:48

Tgt Ion: 91 Resp: 56592
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9





#79

2-Chlorotoluene

Concen: 5.397 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.08 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampled :

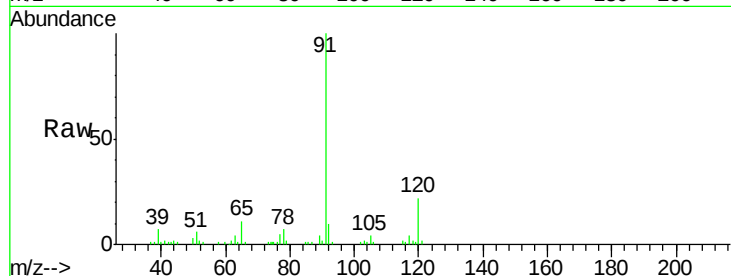
MW-5

Tot Ion: 91 Resp: 56592

Ion Ratio Lower Upper

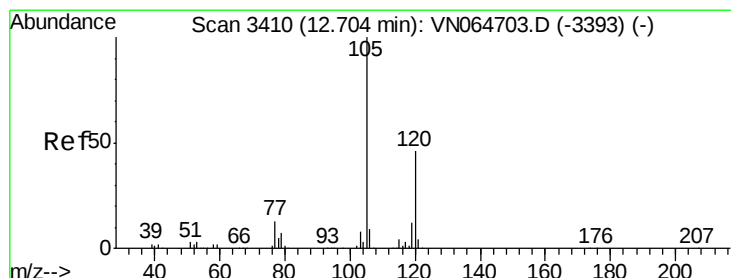
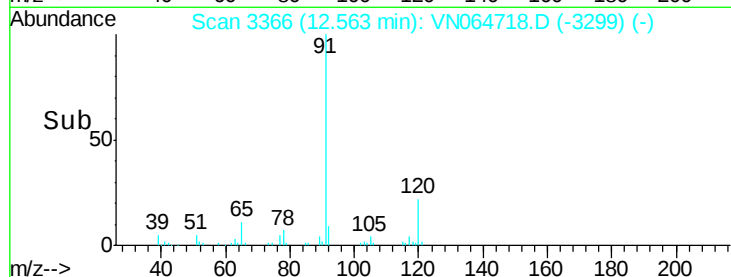
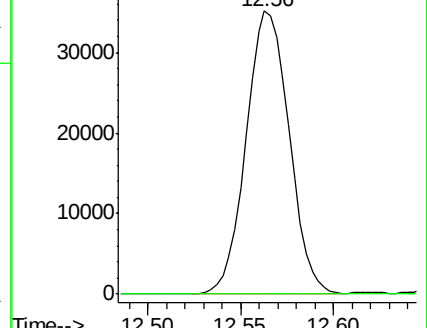
91 100

126 0.0 16.0 48.0#



Abundance Ion 91.00 (90.70 to 91.70): VN064718.D (-3366) (-)

Ion 125.90 (125.60 to 126.60): VN064718.D (-3366) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.770 ug/l

RT: 12.87 min Scan# 3460

Delta R.T. 0.16 min

Lab File: VN064718.D

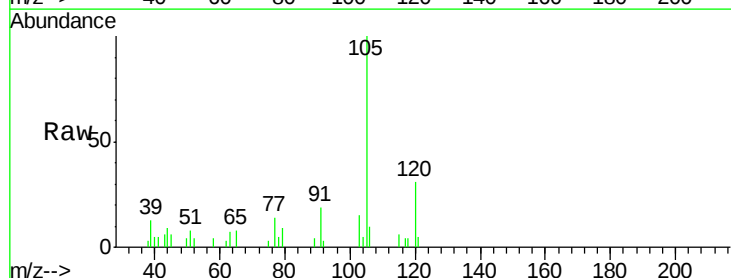
Acq: 18 Nov 2020 19:48

Tgt Ion: 105 Resp: 9004

Ion Ratio Lower Upper

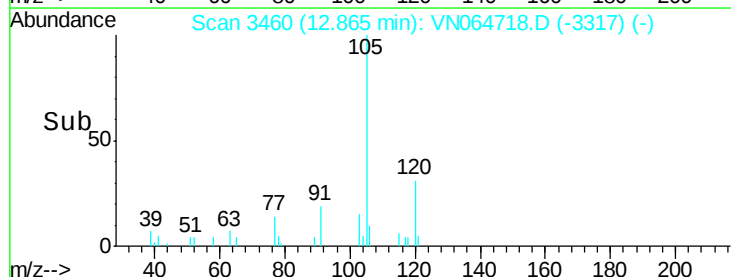
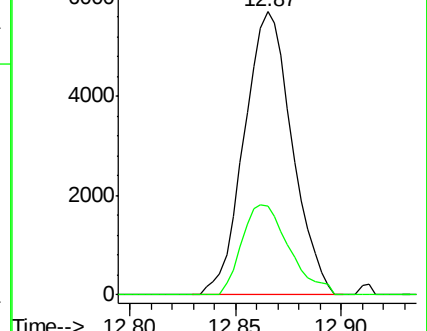
105 100

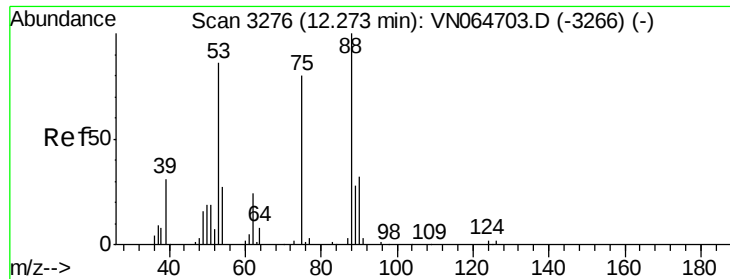
120 31.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064718.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN064718.D (-3410) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 81.372 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampled :

MW-5

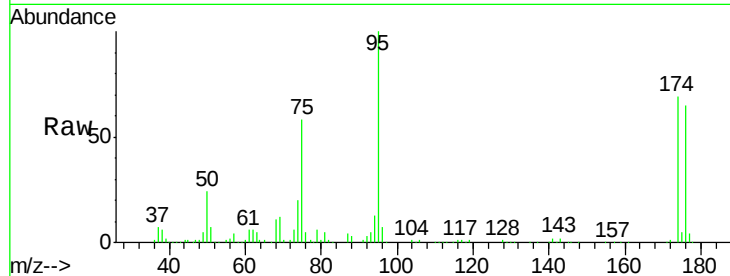
Tot Ion: 75 Resp: 136457

Ion Ratio Lower Upper

75 100

53 0.2 88.8 133.2#

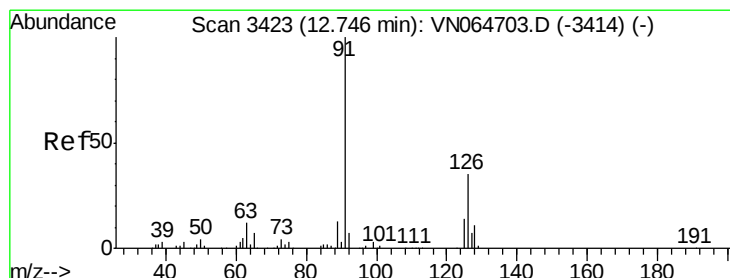
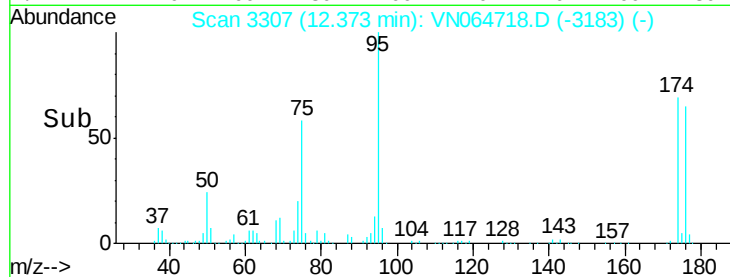
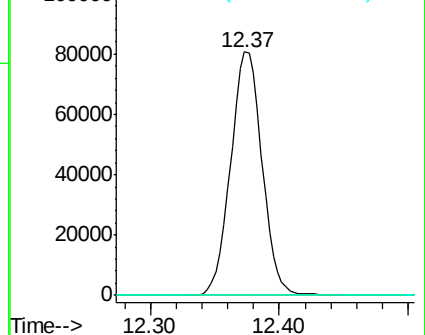
89 0.0 43.1 64.7#



Abundance Ion 74.90 (74.60 to 75.60): VN064718.D (-3307) (-)

Ion 53.00 (52.70 to 53.70): VN064718.D (-3307) (-)

Ion 88.90 (88.60 to 89.60): VN064718.D (-3307) (-)



#82

4-Chlorotoluene

Concen: 5.061 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.18 min

Lab File: VN064718.D

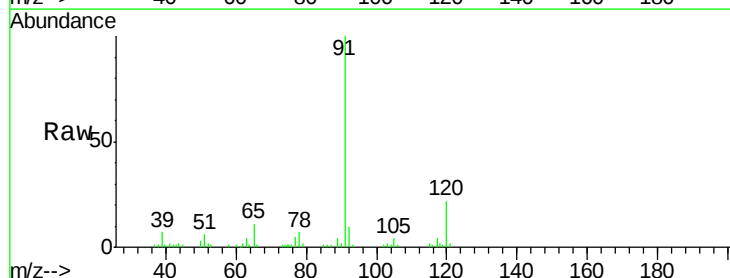
Acq: 18 Nov 2020 19:48

Tgt Ion: 91 Resp: 56592

Ion Ratio Lower Upper

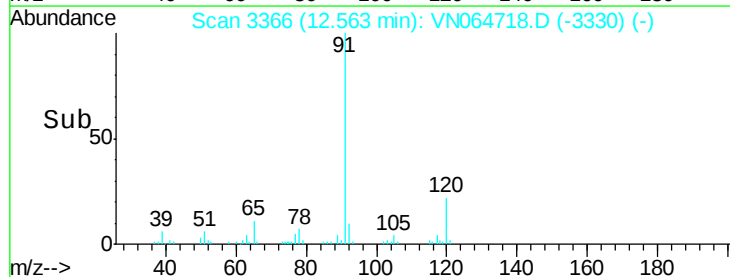
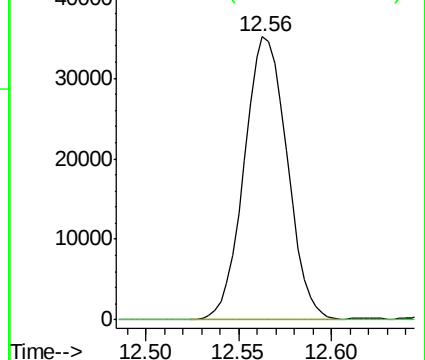
91 100

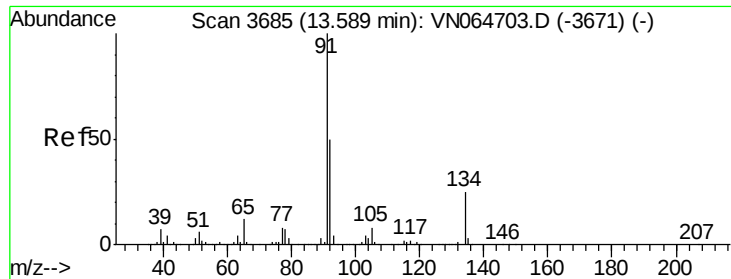
126 0.0 15.9 47.7#



Abundance Ion 91.00 (90.70 to 91.70): VN064718.D (-3366) (-)

Ion 125.90 (125.60 to 126.60): VN064718.D (-3366) (-)





#89

n-Butylbenzene

Concen: 0.282 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampled :

MW-5

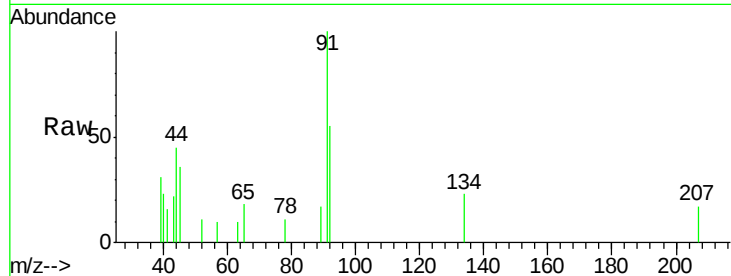
Tot Ion: 91 Resp: 2921

Ion Ratio Lower Upper

91 100

92 43.4 24.9 74.8

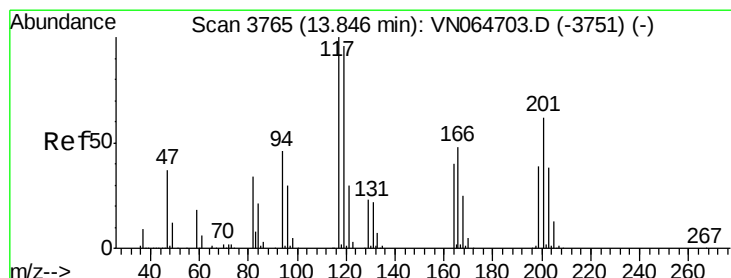
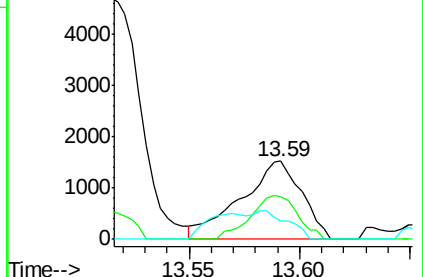
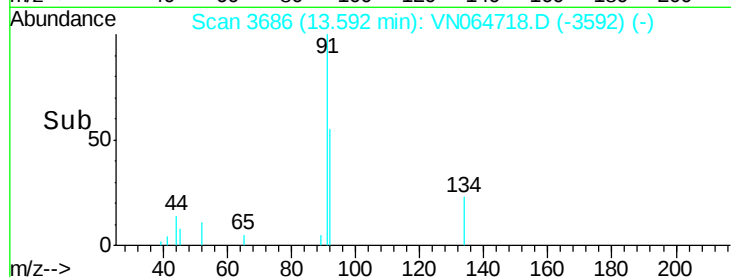
134 0.0 12.0 36.0#



Abundance Ion 91.00 (90.70 to 91.70): VN064718.D (-3686) (-)

Ion 92.00 (91.70 to 92.70): VN064718.D (-3686) (-)

Ion 134.00 (133.70 to 134.70): VN064718.D (-3686) (-)



#90

Hexachloroethane

Concen: 0.822 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN064718.D

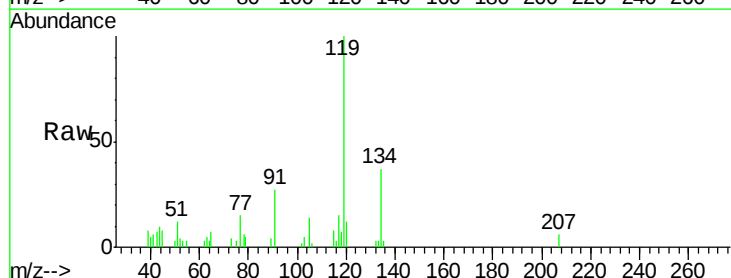
Acq: 18 Nov 2020 19:48

Tgt Ion: 117 Resp: 1507

Ion Ratio Lower Upper

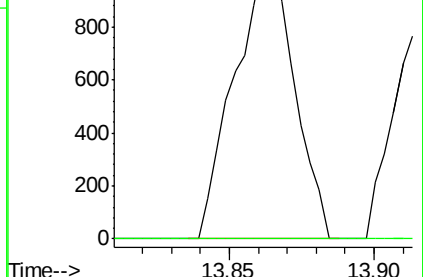
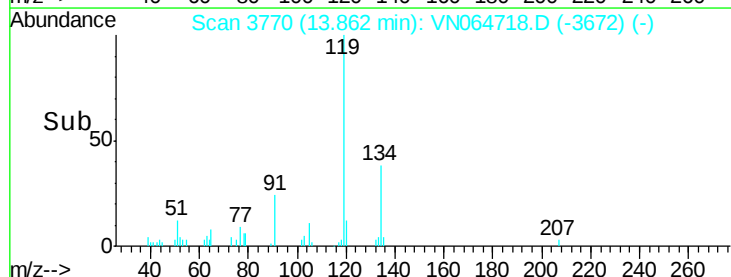
117 100

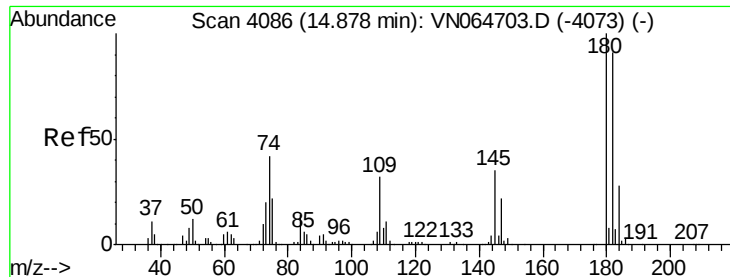
201 0.0 31.9 95.5#



Abundance Ion 116.80 (116.50 to 117.50): VN064718.D (-3770) (-)

Ion 200.70 (200.40 to 201.40): VN064718.D (-3770) (-)

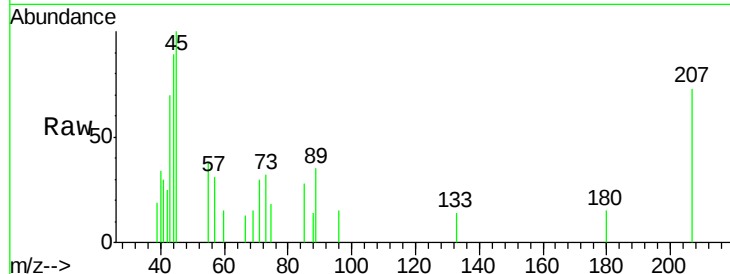




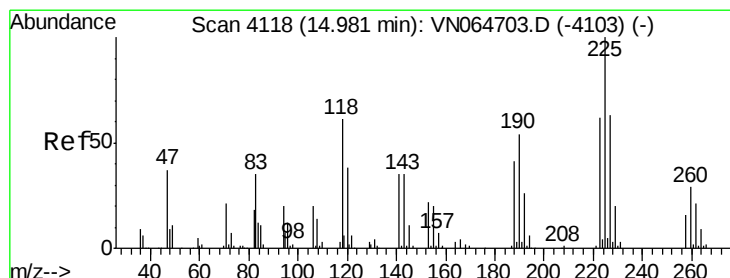
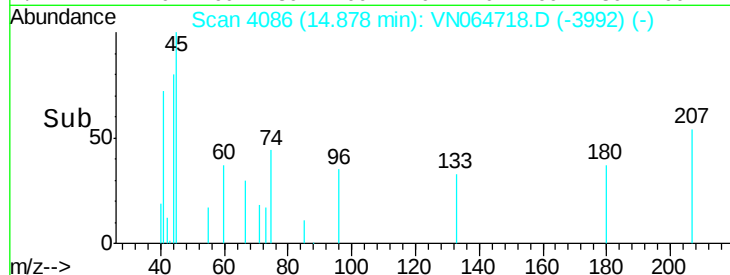
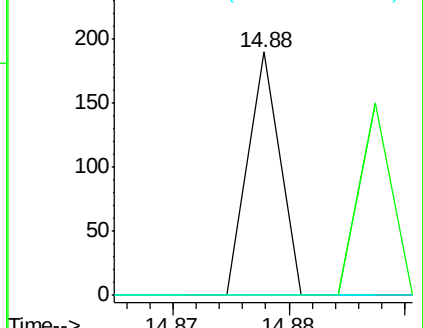
#93
 1,2,4-Trichlorobenzene
 Concen: 1.342 ug/l
 RT: 14.88 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN064718.D
 Acq: 18 Nov 2020 19:48

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tot Ion:180 Resp: 37
 Ion Ratio Lower Upper
 180 100
 182 78.4 47.3 141.8
 145 0.0 17.5 52.5#

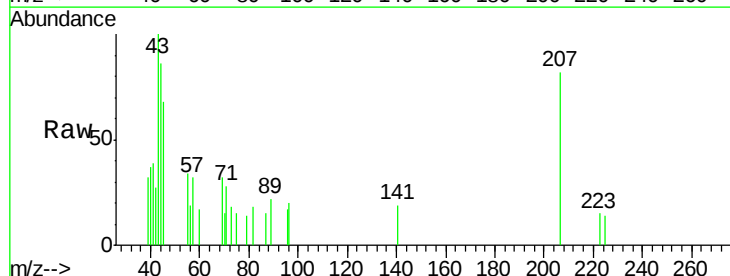


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

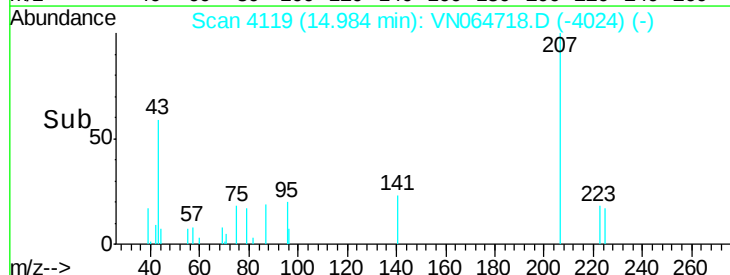
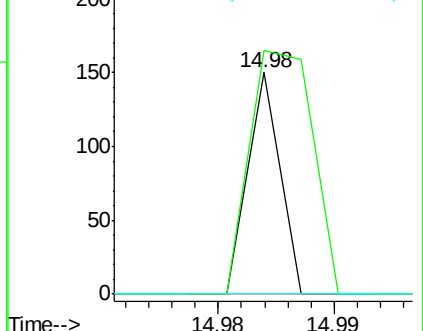


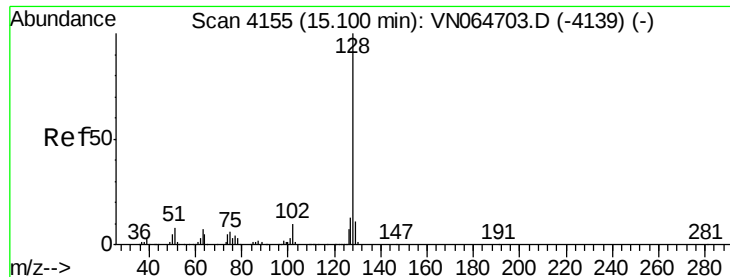
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064718.D
 Acq: 18 Nov 2020 19:48

Tgt Ion:225 Resp: 29
 Ion Ratio Lower Upper
 225 100
 223 217.2 31.2 93.6#
 227 0.0 32.1 96.3#



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: 2.159 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

MW-5

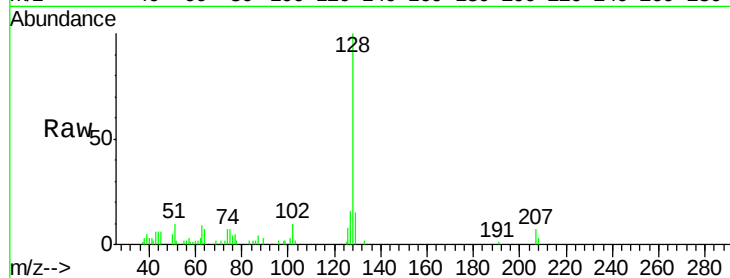
Tot Ion:128 Resp: 24045

Ion Ratio Lower Upper

128 100

127 15.4 10.8 16.2

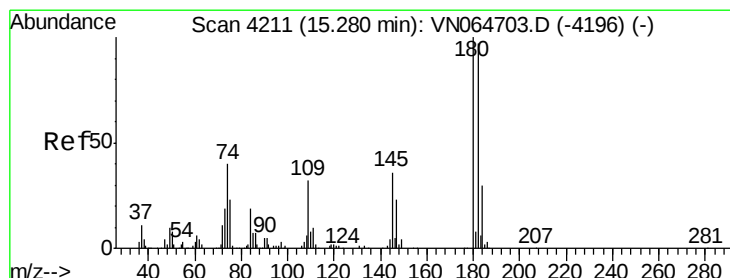
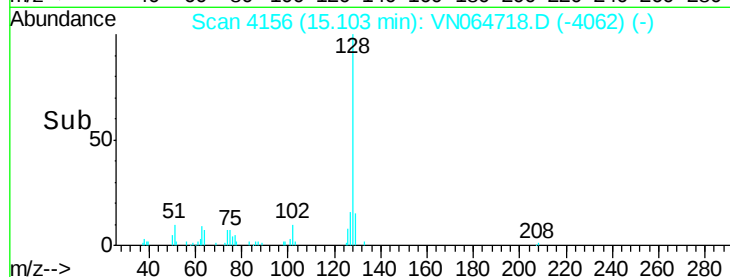
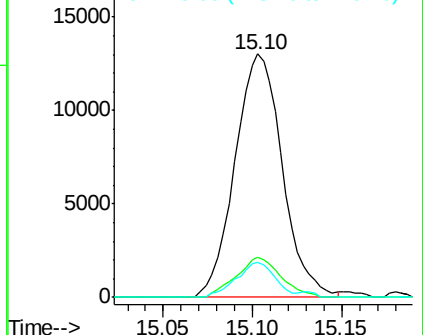
129 11.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.799 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN064718.D

Acq: 18 Nov 2020 19:48

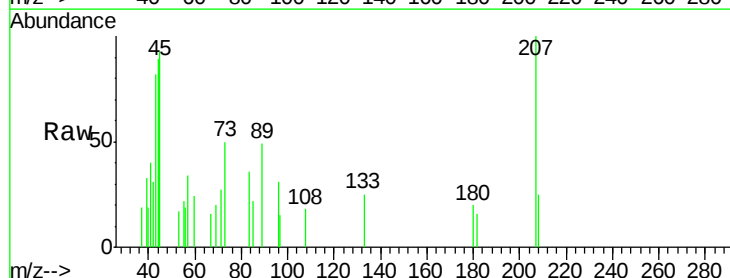
Tgt Ion:180 Resp: 137

Ion Ratio Lower Upper

180 100

182 21.9 47.5 142.5#

145 0.0 18.1 54.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

