

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070920\
 Data File : VN062450.D
 Acq On : 9 Jul 2020 12:16
 Operator : JC/MD
 Sample : L3215-14DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12DL

Quant Time: Jul 09 12:37:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	201461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	360705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	346579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149827	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	157209	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.55	113	117662	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	10.06	98	469950	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.37	95	180276	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	

Target Compounds						Qvalue
3) Chloromethane	2.03	50	1234	0.375	ug/l #	43
11) Tert butyl alcohol	4.68	59	476	0.926	ug/l #	74
16) Acetone	3.79	43	1956	1.487	ug/l #	89
17) Carbon Disulfide	4.02	76	6360	0.982	ug/l	98
20) Methylene Chloride	4.50	84	1050	0.373	ug/l #	62
31) Cyclohexane	7.62	56	5874	1.248	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	17896	4.925	ug/l #	52
38) Carbon Tetrachloride	7.63	117	20647	6.320	ug/l #	15
39) Methylcyclohexane	9.05	83	13655	3.520	ug/l	98
40) Benzene	8.00	78	14854	1.387	ug/l	98
48) Methyl methacrylate	9.24	41	721	0.219	ug/l #	66
51) 4-Methyl-2-Pentanone	9.96	43	1552	0.387	ug/l #	39
52) Toluene	10.12	92	5361	0.867	ug/l	97
55) 1,1,2-Trichloroethane	10.50	97	2040	0.838	ug/l #	14
56) Ethyl methacrylate	10.41	69	933	1.913	ug/l #	1
59) 2-Hexanone	10.73	43	916	0.315	ug/l	92
67) Ethyl Benzene	11.48	91	874989	69.203	ug/l	99
68) m/p-Xylenes	11.60	106	57487	12.843	ug/l	96
69) o-Xylene	11.92	106	51949	11.920	ug/l	98
70) Styrene	11.93	104	3902	0.542	ug/l #	1
73) Isopropylbenzene	12.22	105	187897	16.206	ug/l	100
76) 1,2,3-Trichloropropane	12.37	75	95833	26.068	ug/l #	100
78) n-propylbenzene	12.57	91	198387	14.649	ug/l	99
79) 2-Chlorotoluene	12.66	91	23160	2.818	ug/l #	47
80) 1,3,5-Trimethylbenzene	12.71	105	116030	12.208	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	95833	69.774	ug/l #	10
82) 4-Chlorotoluene	12.71	91	11489	1.377	ug/l #	44
83) tert-Butylbenzene	13.01	119	92266	11.439	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.01	105	778172	82.370	ug/l	99
85) sec-Butylbenzene	13.01	105	778172	72.808	ug/l #	58
86) p-Isopropyltoluene	13.26	119	22628	2.453	ug/l	89
89) n-Butylbenzene	13.52	91	175544	21.552	ug/l #	44
90) Hexachloroethane	13.86	117	12850	7.081	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	1063	1.494	ug/l #	8

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QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration

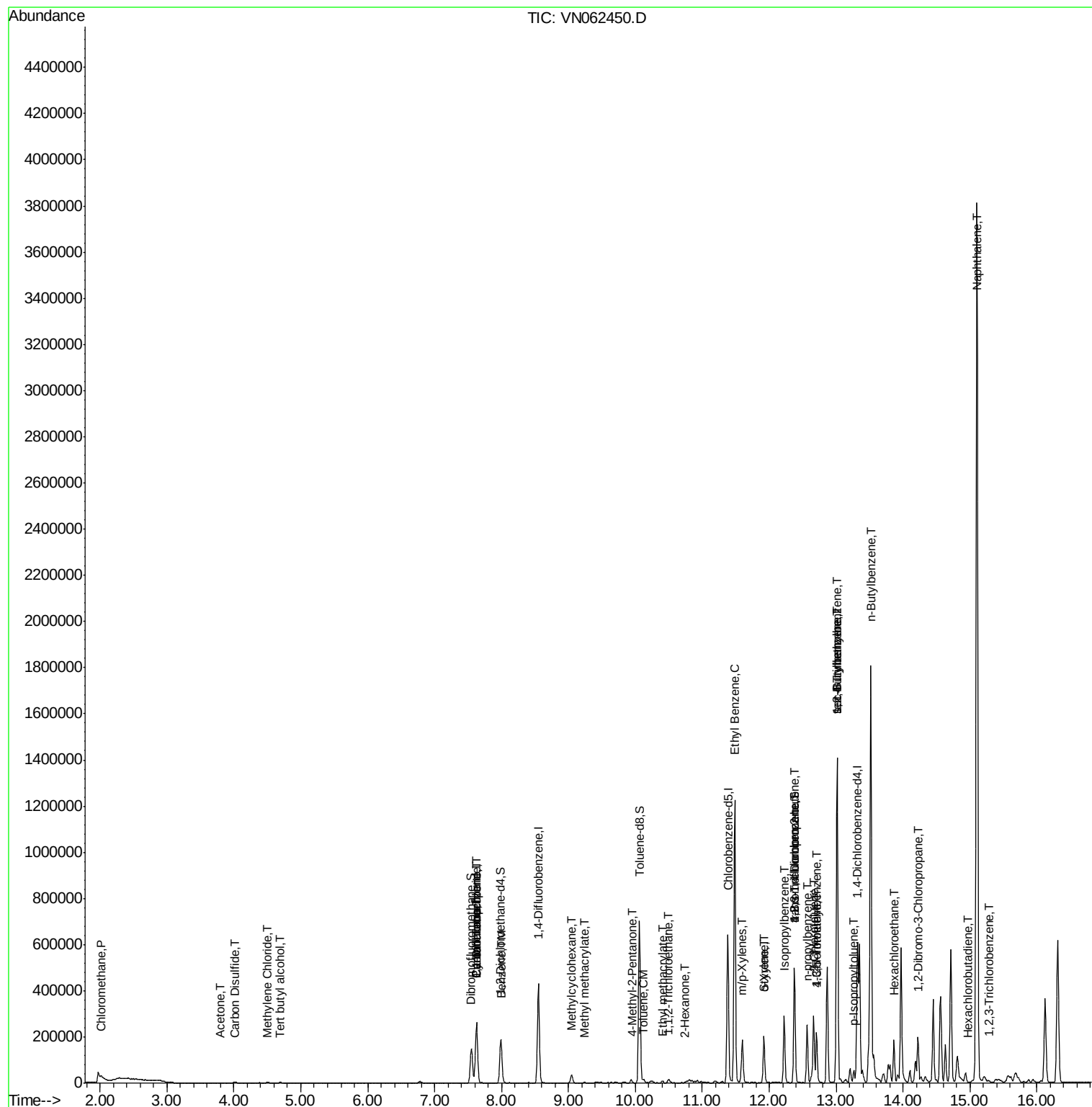
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	558	0.478	ug/l #	48
95) Naphthalene	15.10	128	3028933	300.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	2318	4.136	ug/l #	84

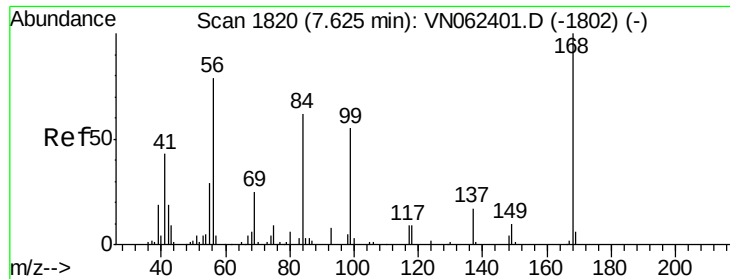
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

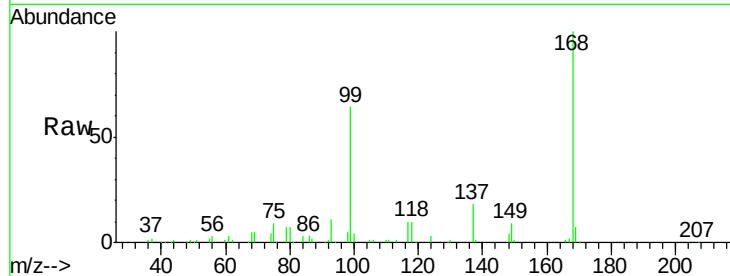
MW-12DL

Tgt Ion:168 Resp: 201461

Ion Ratio Lower Upper

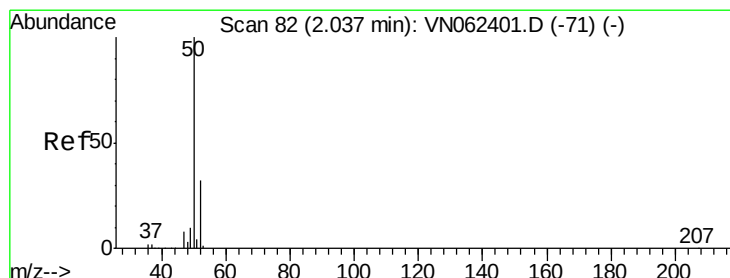
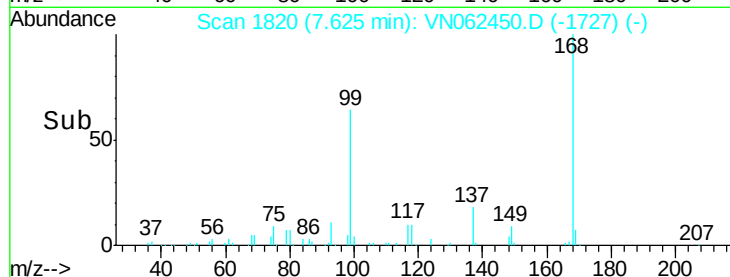
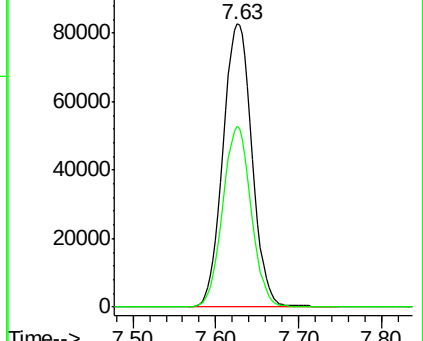
168 100

99 63.9 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.375 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062450.D

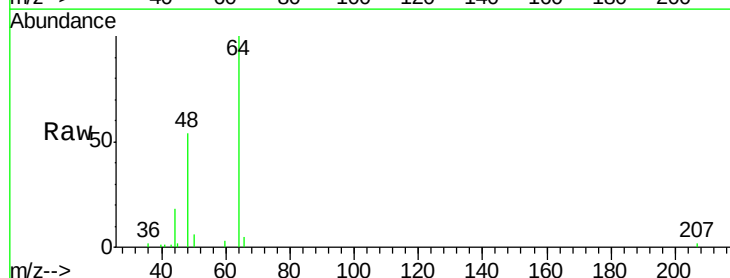
Acq: 9 Jul 2020 12:16

Tgt Ion: 50 Resp: 1234

Ion Ratio Lower Upper

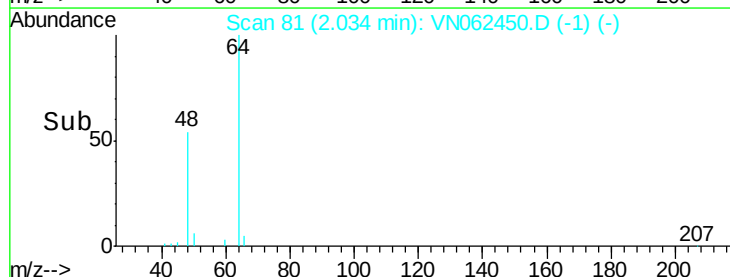
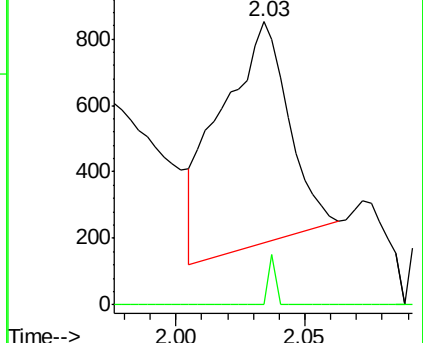
50 100

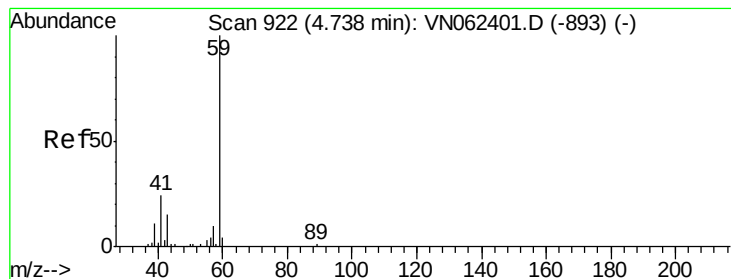
52 0.0 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#11

Tert butyl alcohol

Concen: 0.926 ug/l

RT: 4.68 min Scan# 905

Delta R.T. -0.05 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

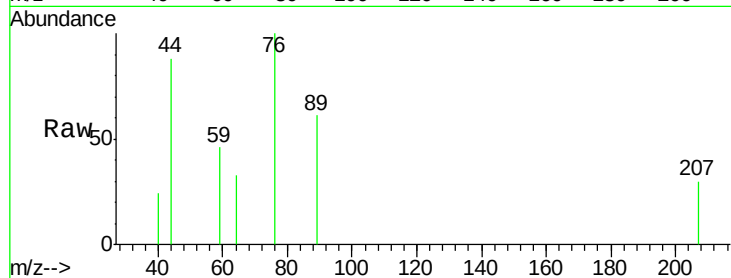
MW-12DL

Tgt Ion: 59 Resp: 476

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.68

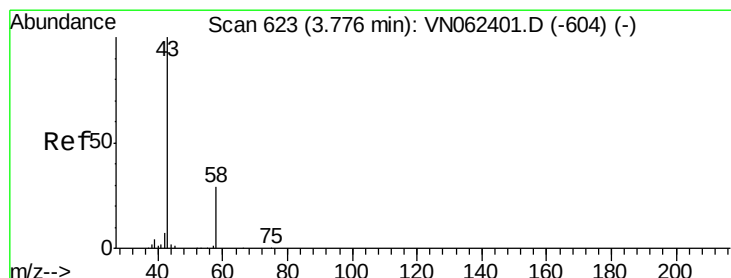
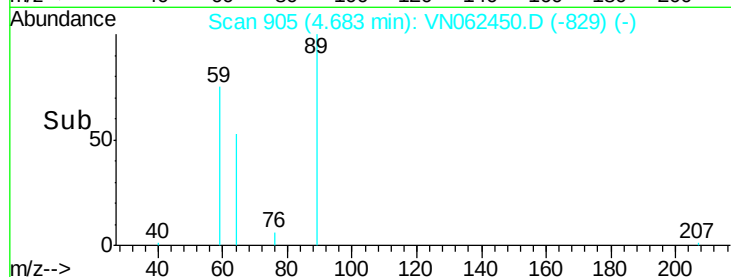
300

200

100

0

Time--> 4.64 4.66 4.68 4.70



#16

Acetone

Concen: 1.487 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN062450.D

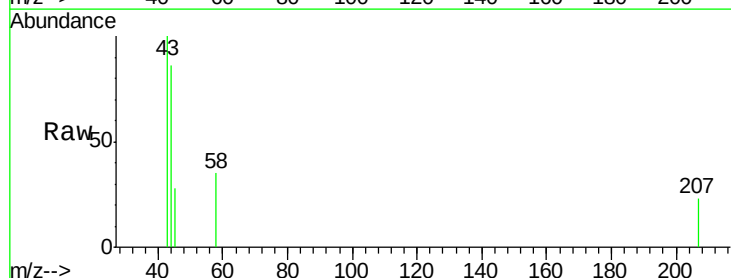
Acq: 9 Jul 2020 12:16

Tgt Ion: 43 Resp: 1956

Ion Ratio Lower Upper

43 100

58 35.3 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

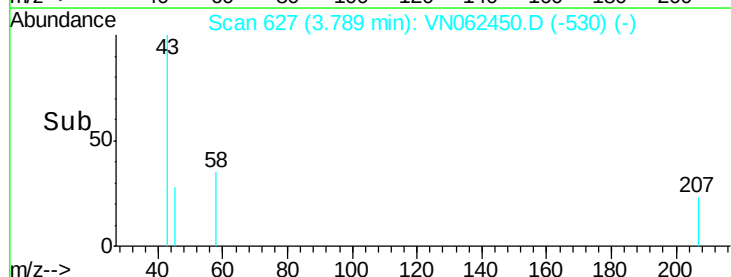
600

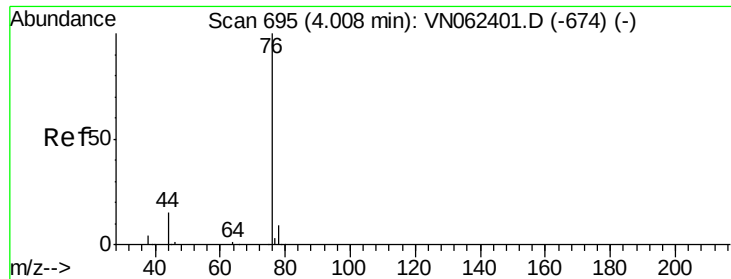
400

200

0

Time--> 3.75 3.80 3.85





#17

Carbon Disulfide

Concen: 0.982 ug/l

RT: 4.02 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

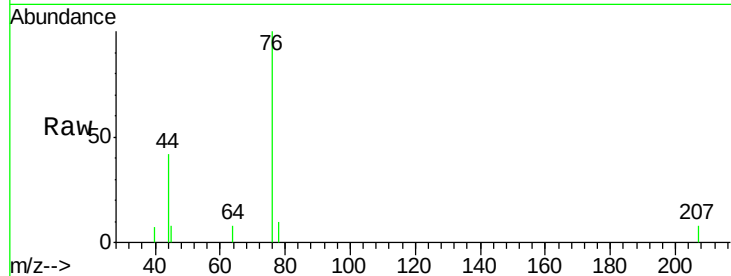
MW-12DL

Tgt Ion: 76 Resp: 6360

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN062401.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN062401.D (-674) (-)

4.02

2500

2000

1500

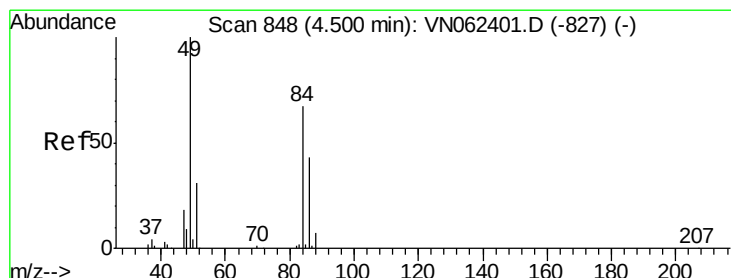
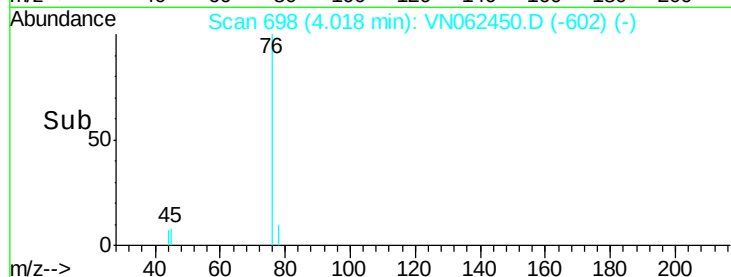
1000

500

0

3.95 4.00 4.05 4.10

Time-->



#20

Methylene Chloride

Concen: 0.373 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Tgt Ion: 84 Resp: 1050

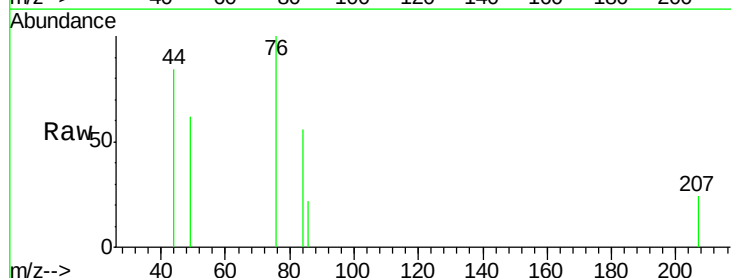
Ion Ratio Lower Upper

84 100

49 110.7 120.0 180.0#

51 0.0 37.0 55.6#

86 38.7 51.8 77.6#



Abundance Ion 83.90 (83.60 to 84.60): VN062401.D (-827) (-)

Ion 48.90 (48.60 to 49.60): VN062401.D (-827) (-)

Ion 50.90 (50.60 to 51.60): VN062401.D (-827) (-)

Ion 85.90 (85.60 to 86.60): VN062401.D (-827) (-)

800

600

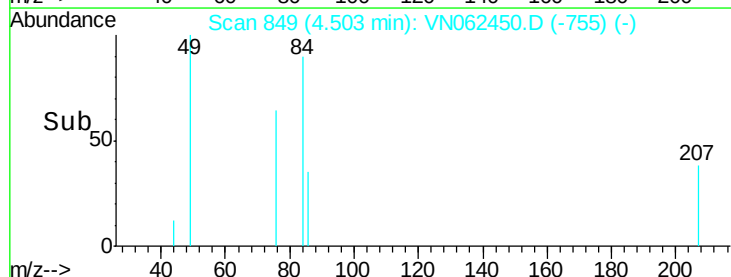
400

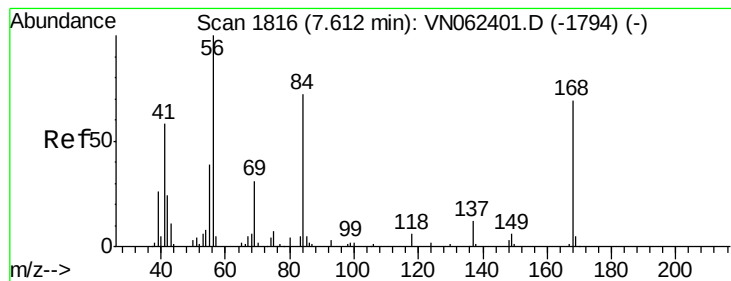
200

0

4.45 4.50 4.55

Time-->





#31

Cyclohexane

Concen: 1.248 ug/l

RT: 7.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Instrument :

MSVOA_N

ClientSampled :

MW-12DL

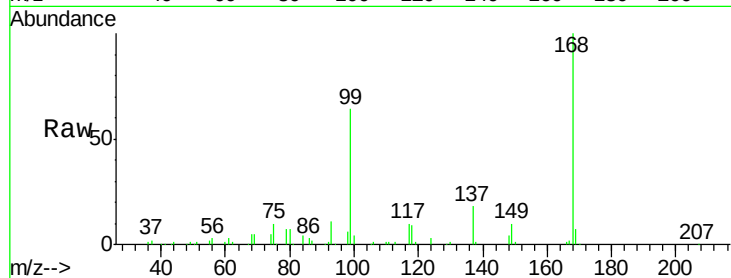
Tgt Ion: 56 Resp: 5874

Ion Ratio Lower Upper

56 100

69 157.8 24.5 36.7#

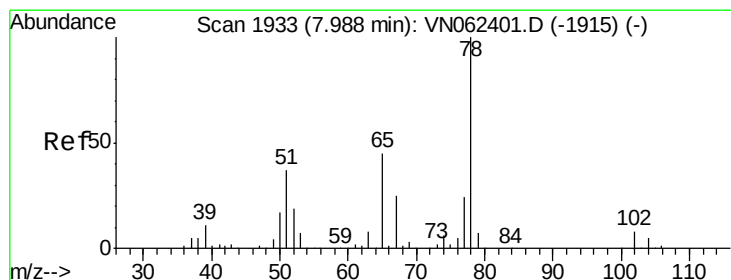
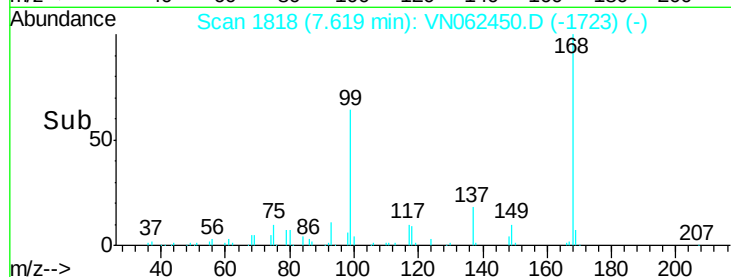
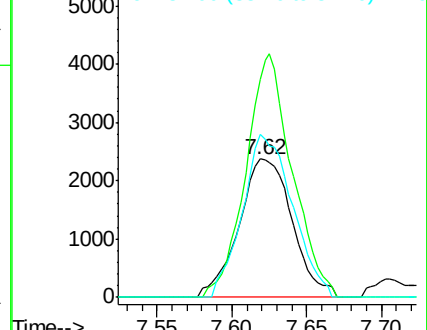
84 117.9 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.733 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062450.D

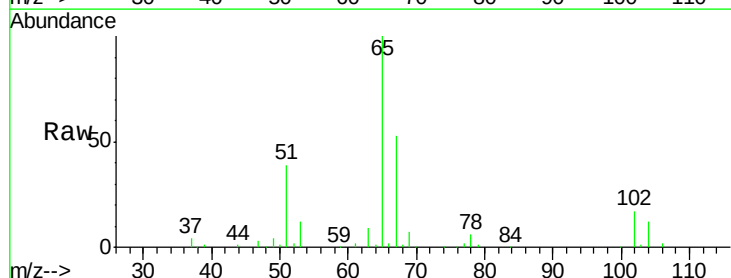
Acq: 9 Jul 2020 12:16

Tgt Ion: 65 Resp: 157209

Ion Ratio Lower Upper

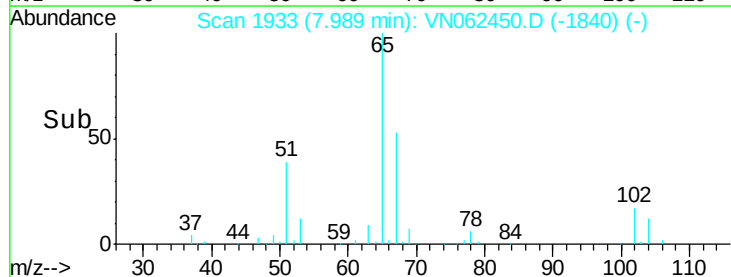
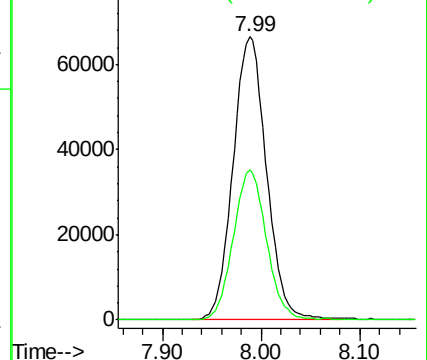
65 100

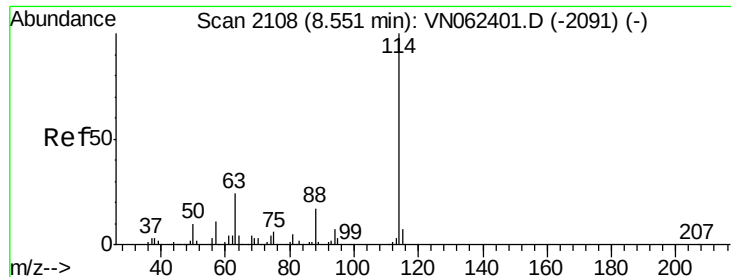
67 52.4 0.0 107.6



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# 2108

Delta R.T. 0.00 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Instrument :

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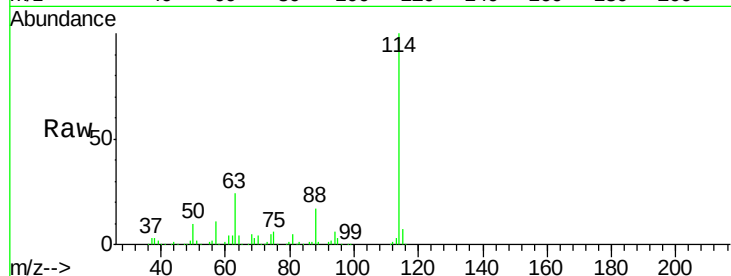
Tgt Ion:114 Resp: 360705

Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.4

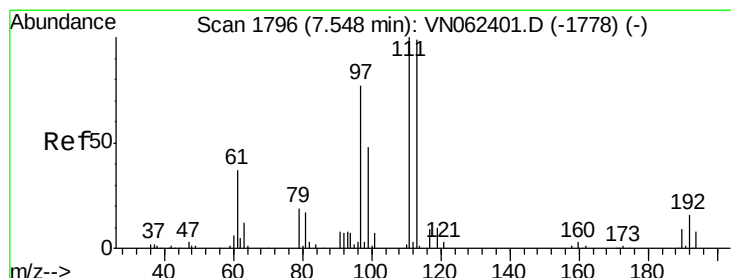
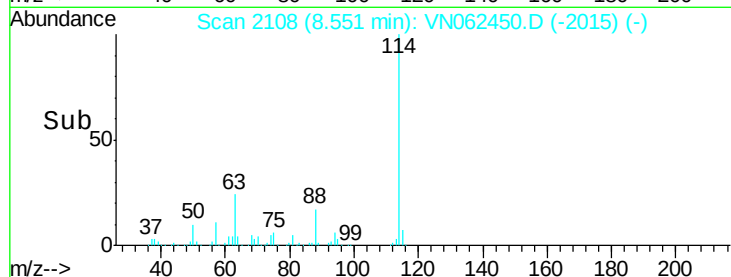
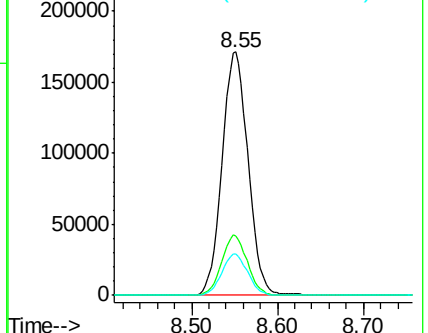
88 17.1 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 52.772 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

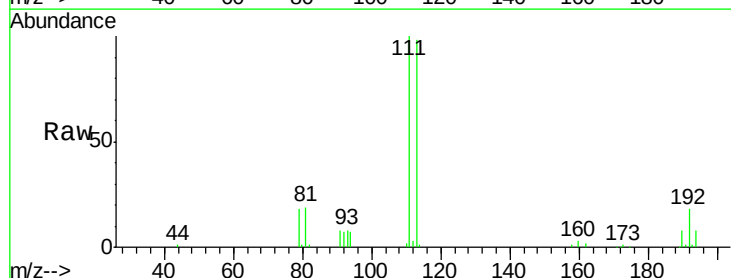
Tgt Ion:113 Resp: 117662

Ion Ratio Lower Upper

113 100

111 101.6 83.1 124.7

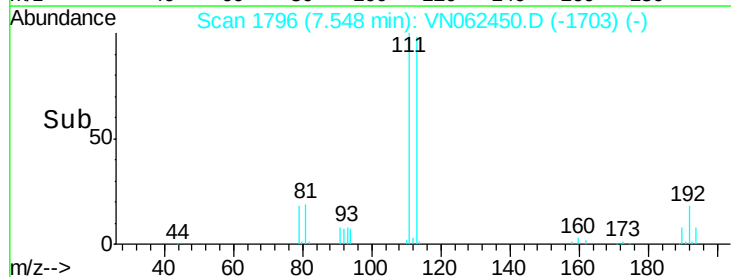
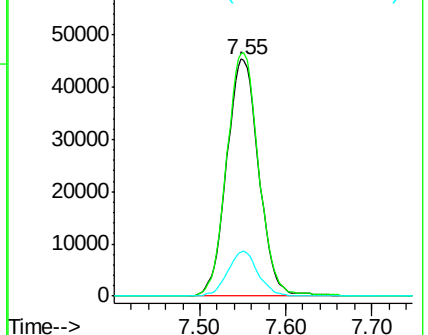
192 17.8 14.1 21.1

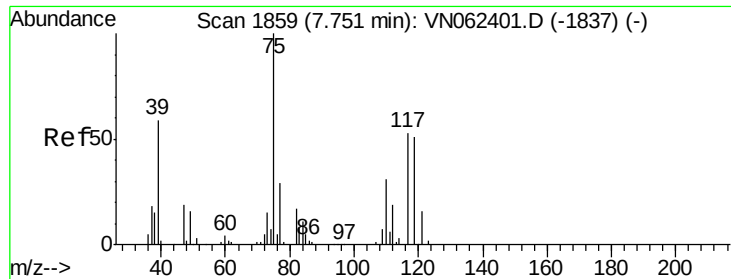


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.925 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.13 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

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MW-12DL

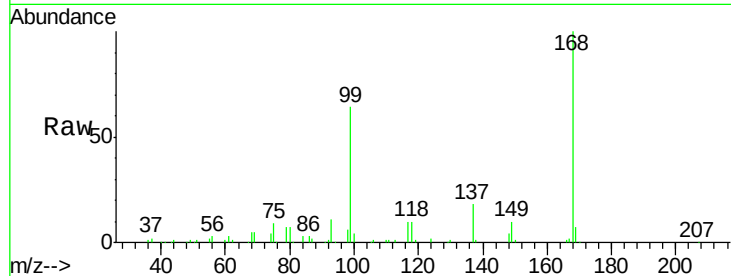
Tgt Ion: 75 Resp: 17896

Ion Ratio Lower Upper

75 100

110 8.0 15.4 46.2#

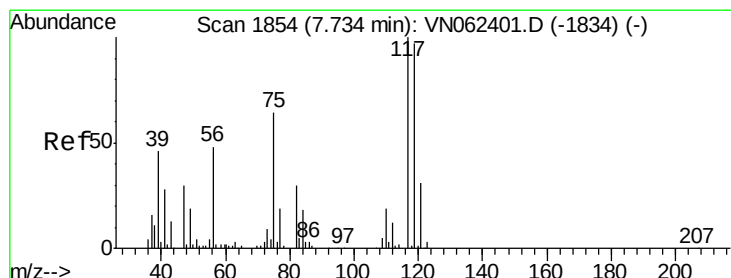
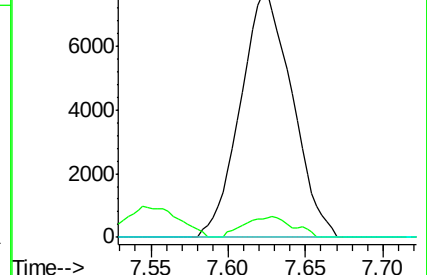
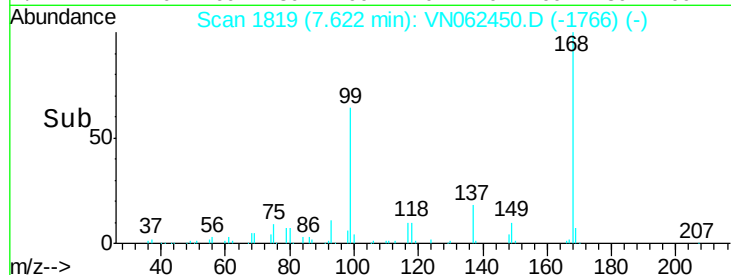
77 0.0 24.1 36.1#



Abundance Ion 74.90 (74.60 to 75.60): VN062450.D (-1766) (-)

Ion 109.90 (109.60 to 110.60): VN062450.D (-1766) (-)

Ion 76.90 (76.60 to 77.60): VN062450.D (-1766) (-)



#38

Carbon Tetrachloride

Concen: 6.320 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

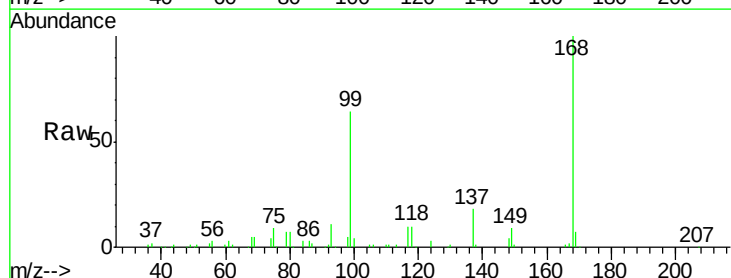
Tgt Ion: 117 Resp: 20647

Ion Ratio Lower Upper

117 100

119 4.5 77.2 115.8#

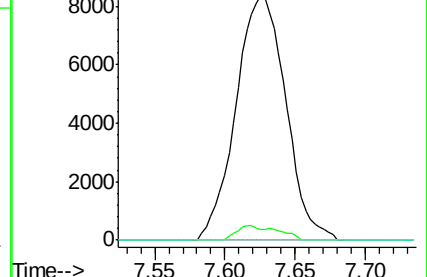
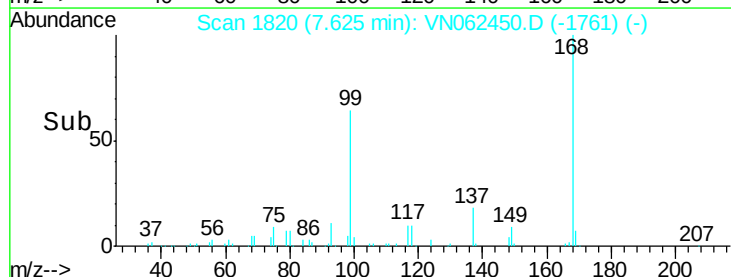
121 0.0 24.8 37.2#

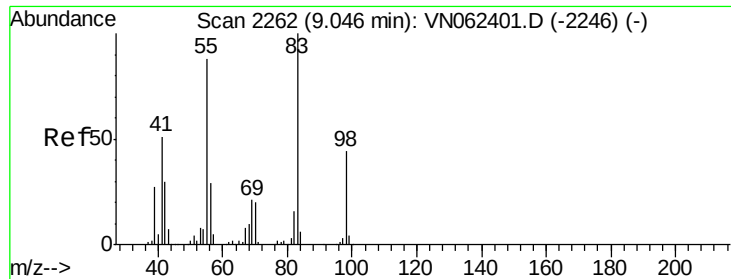


Abundance Ion 116.80 (116.50 to 117.50): VN062450.D (-1761) (-)

Ion 118.80 (118.50 to 119.50): VN062450.D (-1761) (-)

Ion 120.80 (120.50 to 121.50): VN062450.D (-1761) (-)

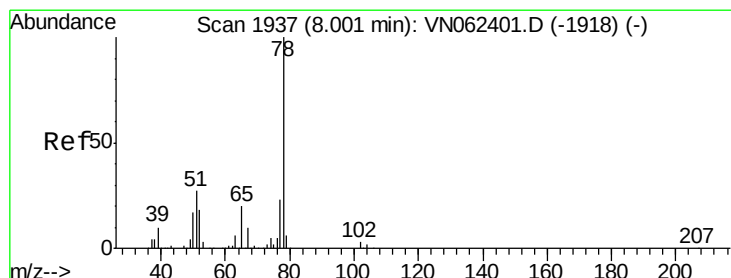
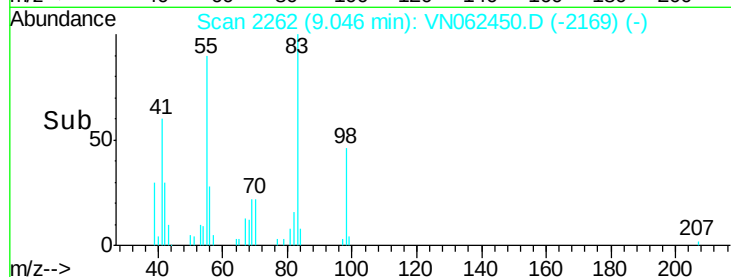
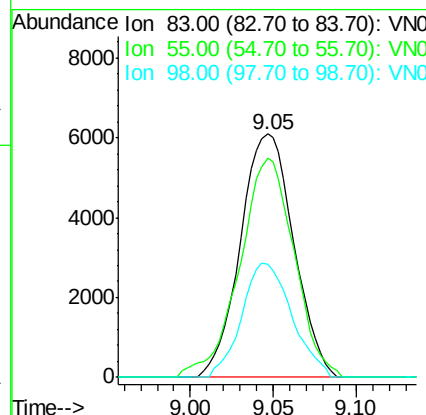
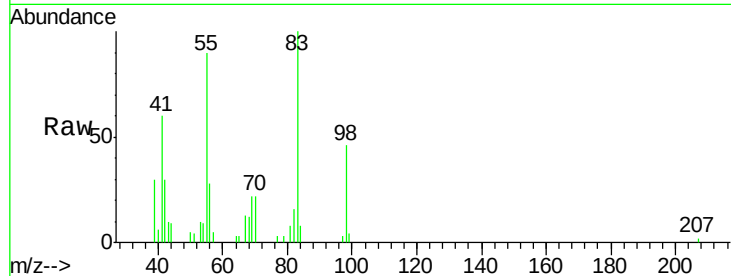




#39
Methylcyclohexane
Concen: 3.520 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

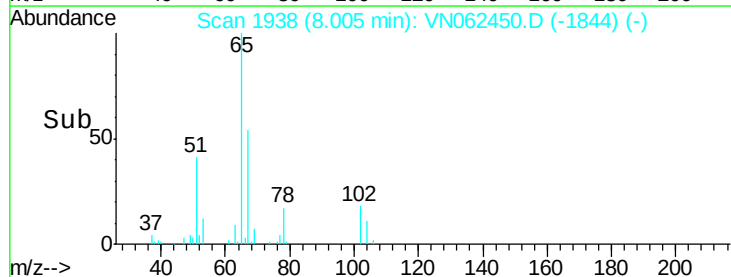
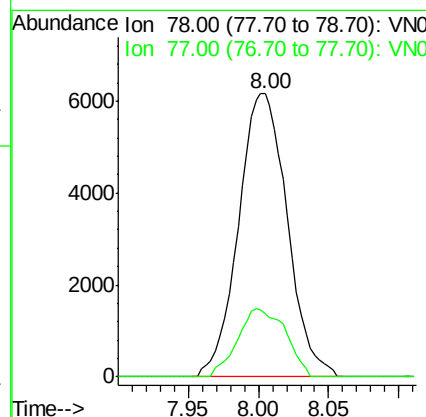
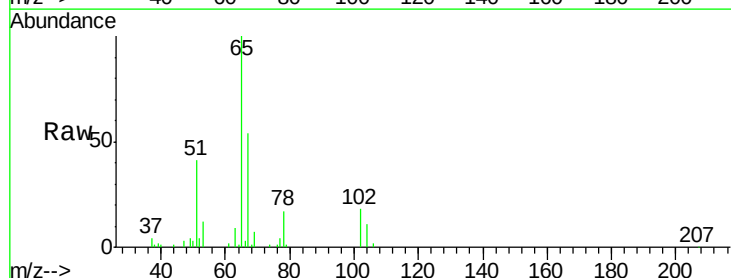
Instrument :
MSVOA_N
ClientSampled :
MW-12DL

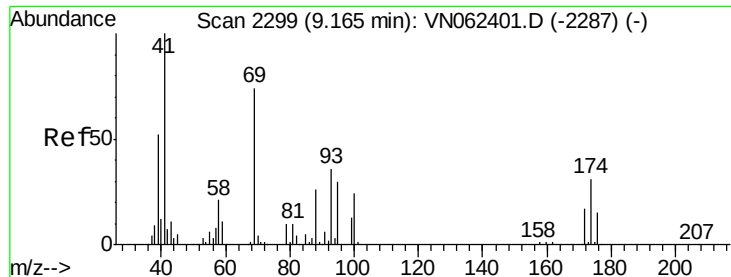
Tgt Ion: 83 Resp: 13655
Ion Ratio Lower Upper
83 100
55 89.8 70.5 105.7
98 46.2 35.5 53.3



#40
Benzene
Concen: 1.387 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

Tgt Ion: 78 Resp: 14854
Ion Ratio Lower Upper
78 100
77 22.5 18.7 28.1

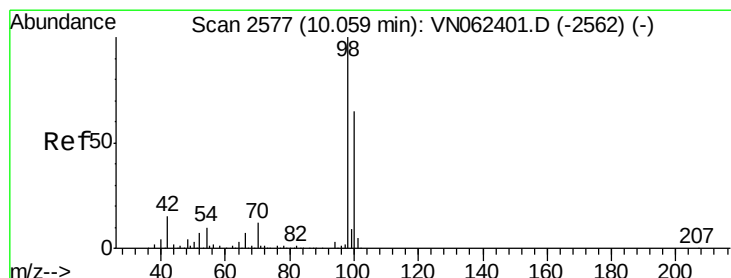
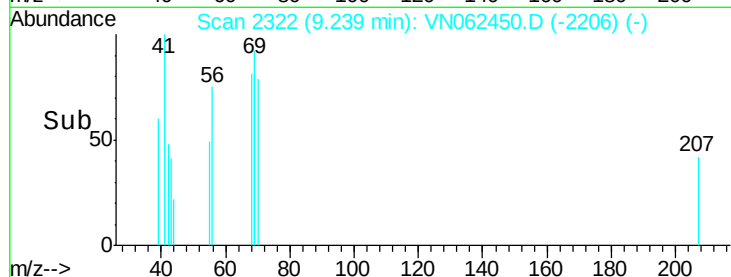
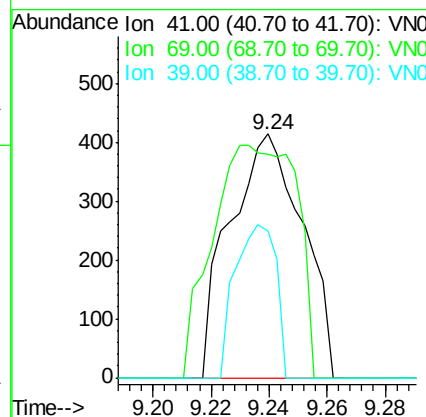
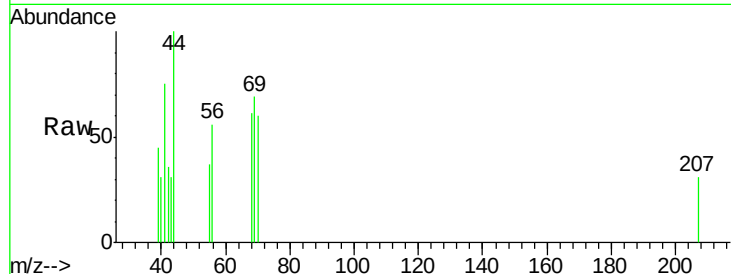




#48
Methyl methacrylate
Concen: 0.219 ug/l
RT: 9.24 min Scan# 2322
Delta R.T. 0.07 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

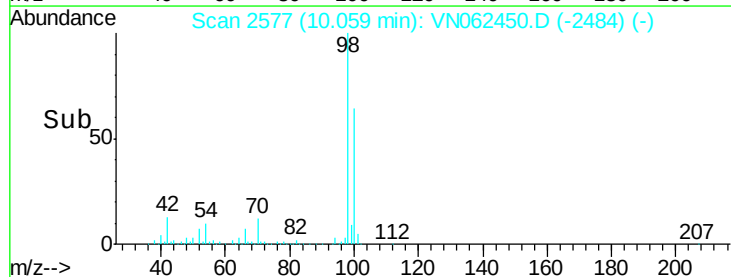
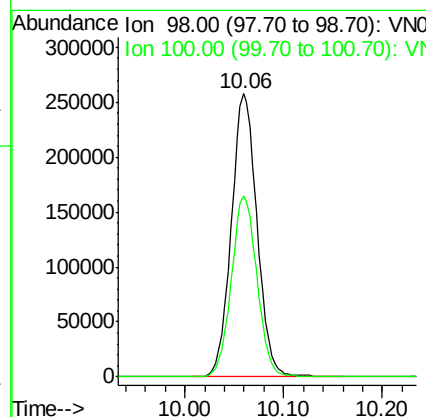
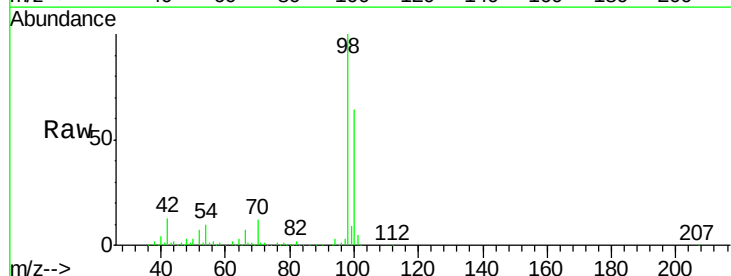
Instrument :
MSVOA_N
ClientSampled :
MW-12DL

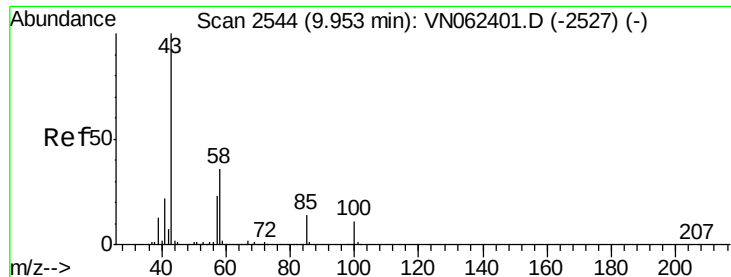
Tgt Ion: 41 Resp: 721
Ion Ratio Lower Upper
41 100
69 110.0 60.8 91.2#
39 35.1 43.5 65.3#



#50
Toluene-d8
Concen: 53.391 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

Tgt Ion: 98 Resp: 469950
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3

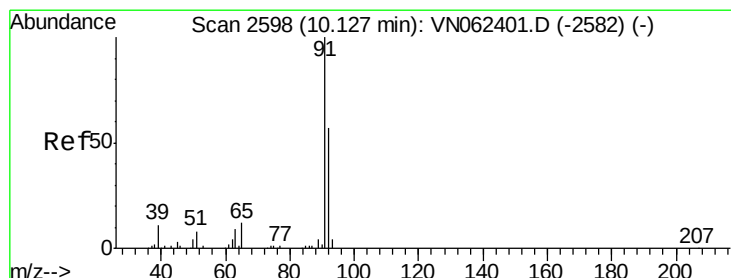
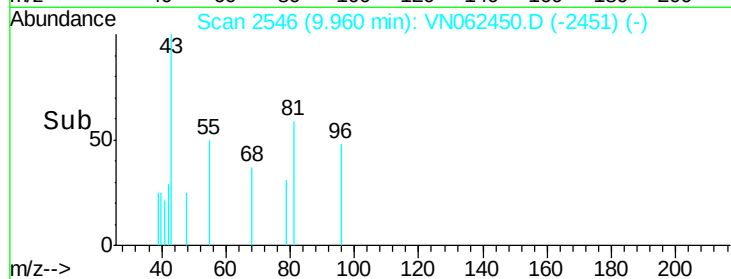
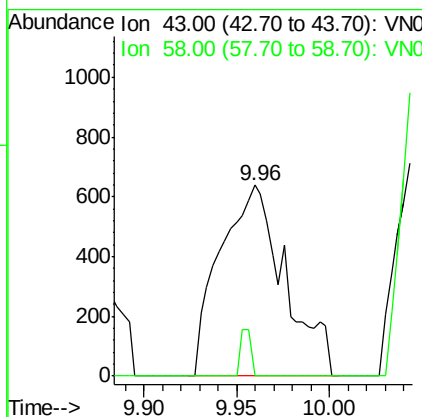
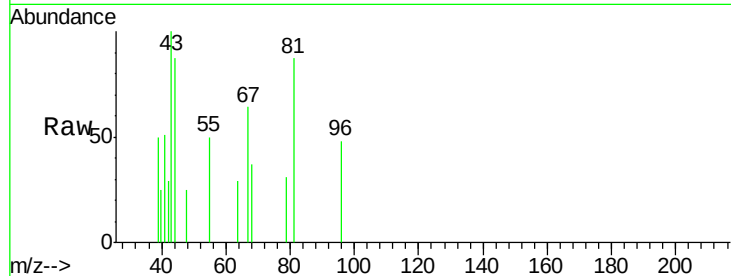




#51
 4-Methyl-2-Pentanone
 Concen: 0.387 ug/l
 RT: 9.96 min Scan# 2546
 Delta R.T. 0.01 min
 Lab File: VN062450.D
 Acq: 9 Jul 2020 12:16

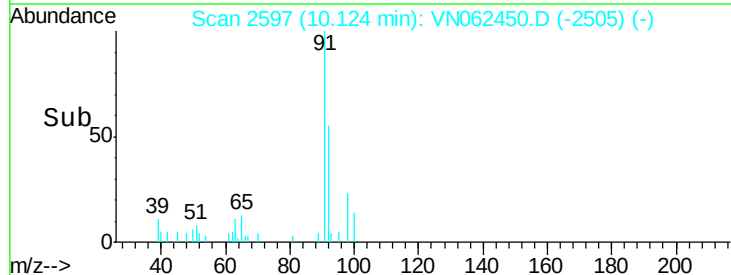
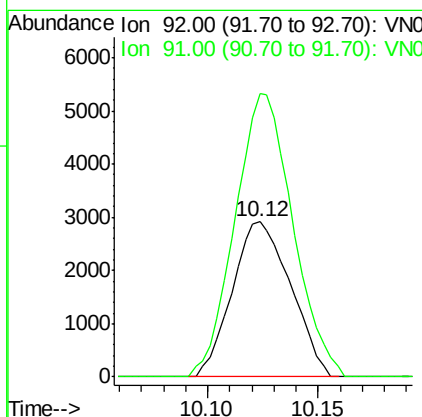
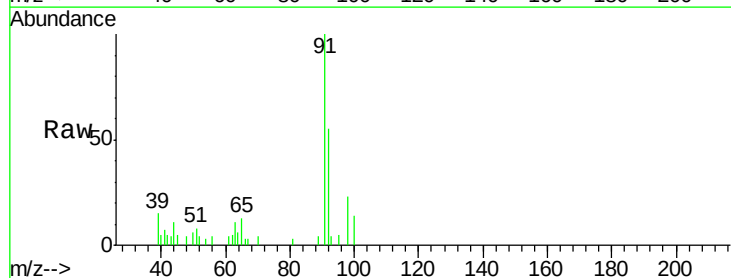
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12DL

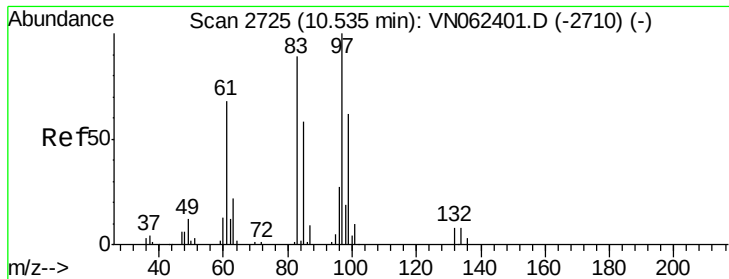
Tgt Ion: 43 Resp: 1552
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.0 43.6#



#52
 Toluene
 Concen: 0.867 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062450.D
 Acq: 9 Jul 2020 12:16

Tgt Ion: 92 Resp: 5361
 Ion Ratio Lower Upper
 92 100
 91 180.6 141.0 211.6

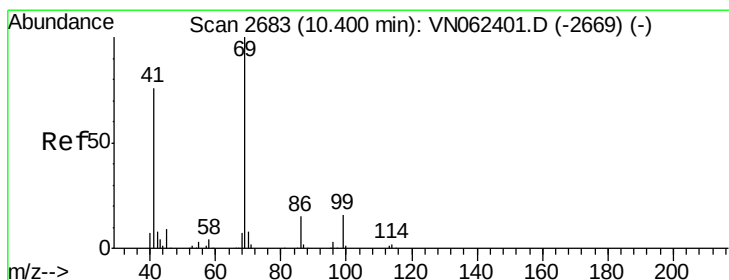
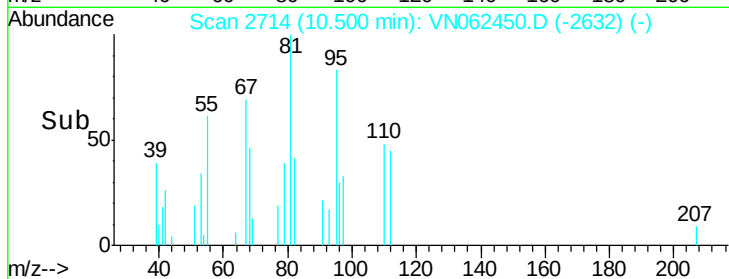
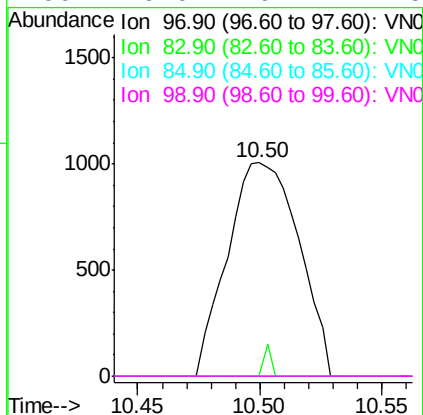
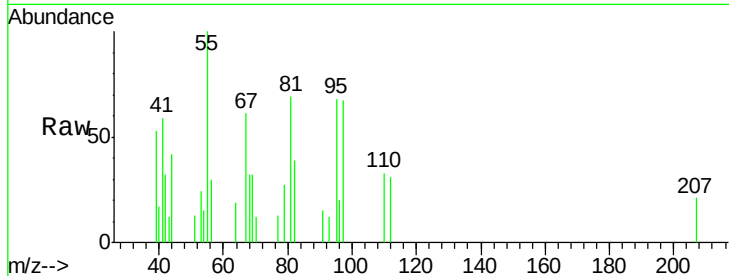




#55
 1,1,2-Trichloroethane
 Concen: 0.838 ug/l
 RT: 10.50 min Scan# 2714
 Delta R.T. -0.04 min
 Lab File: VN062450.D
 Acq: 9 Jul 2020 12:16

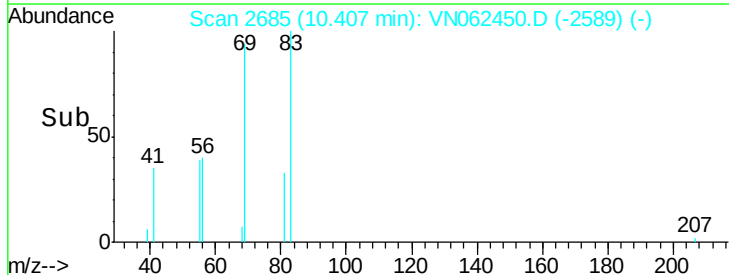
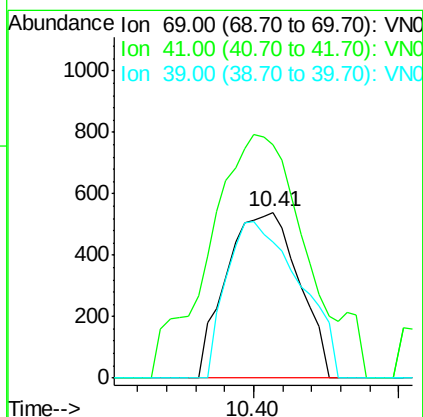
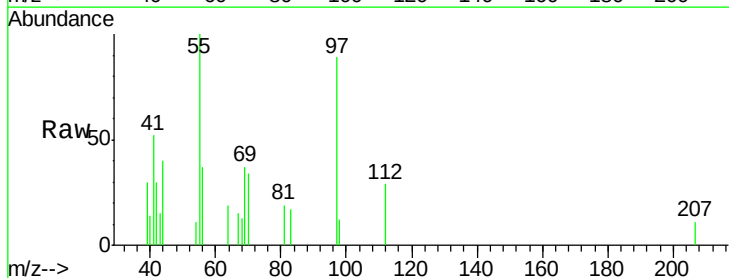
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12DL

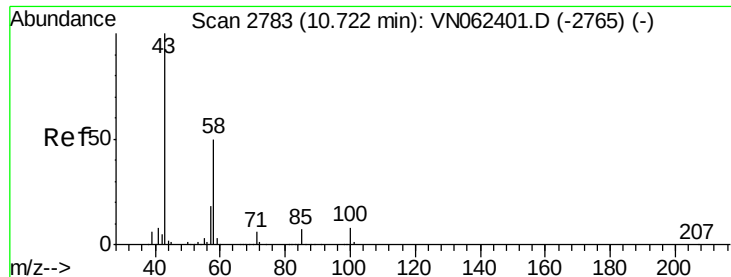
Tgt Ion: 97 Resp: 2040
 Ion Ratio Lower Upper
 97 100
 83 0.0 71.0 106.4#
 85 0.0 46.2 69.4#
 99 0.0 49.7 74.5#



#56
 Ethyl methacrylate
 Concen: 1.913 ug/l
 RT: 10.41 min Scan# 2685
 Delta R.T. 0.01 min
 Lab File: VN062450.D
 Acq: 9 Jul 2020 12:16

Tgt Ion: 69 Resp: 933
 Ion Ratio Lower Upper
 69 100
 41 198.4 59.7 89.5#
 39 95.9 30.6 45.8#

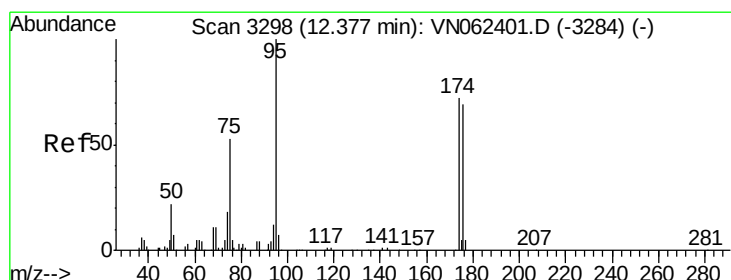
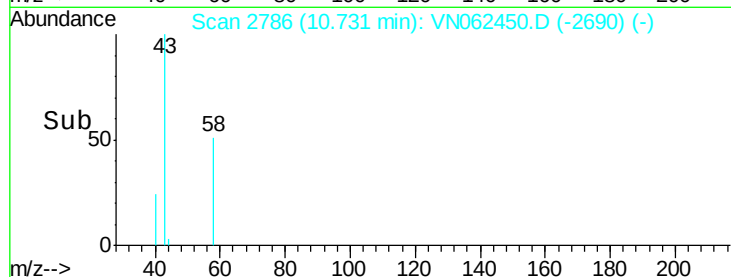
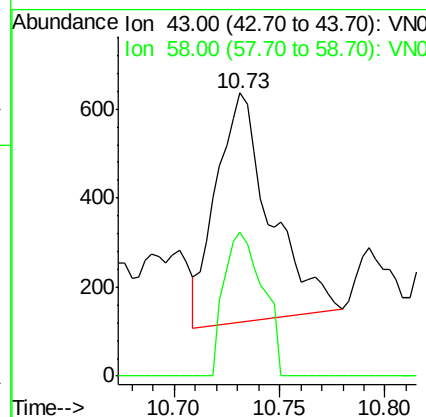
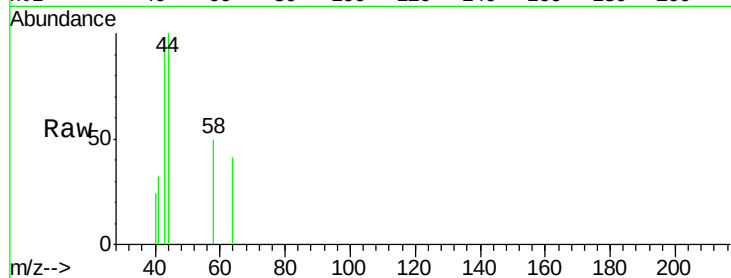




#59
2-Hexanone
Concen: 0.315 ug/l
RT: 10.73 min Scan# 2786
Delta R.T. 0.01 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

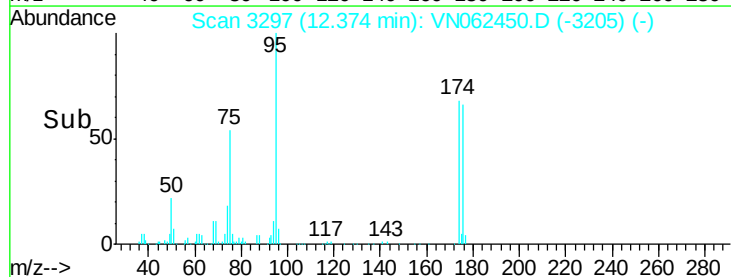
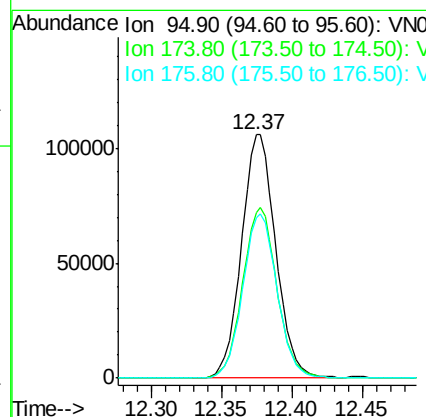
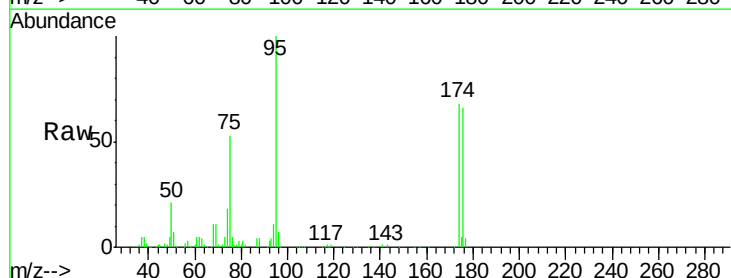
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

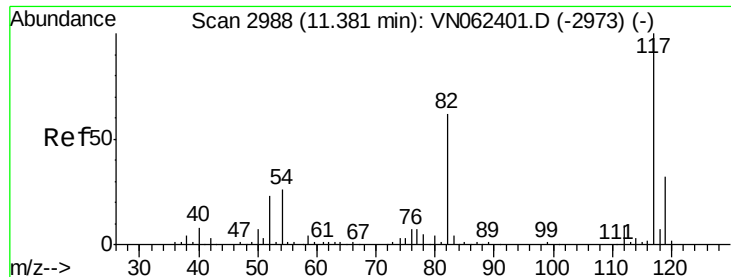
Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
58 44.9 25.1 75.2



#62
4-Bromofluorobenzene
Concen: 56.047 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

Tgt Ion: 95 Resp: 180276
Ion Ratio Lower Upper
95 100
174 70.0 0.0 141.6
176 67.6 0.0 137.2

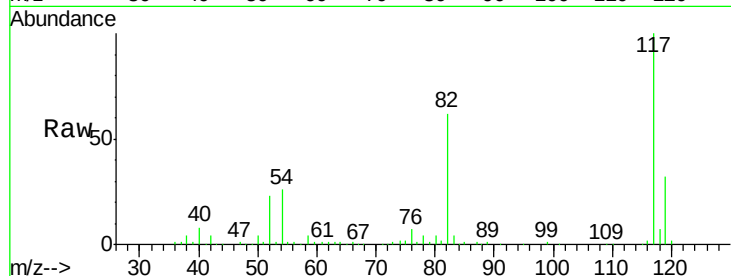




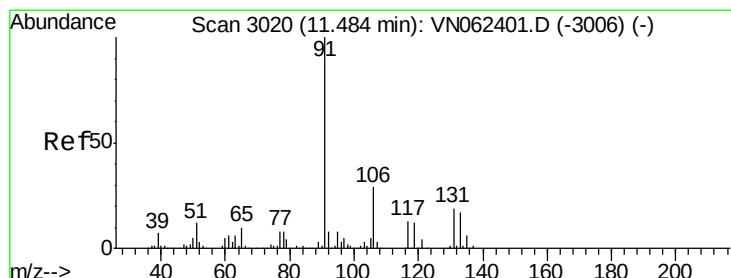
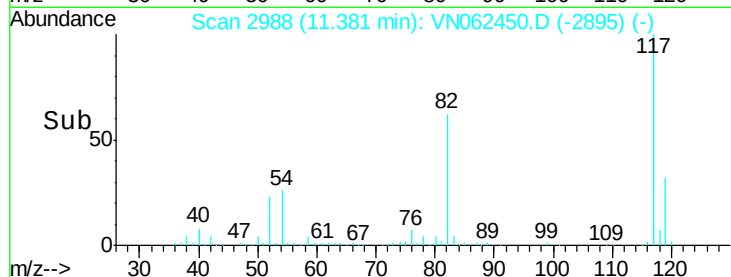
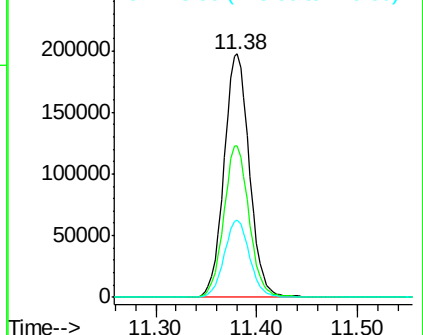
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

Instrument :
MSVOA_N
ClientSampled :
MW-12DL

Tgt Ion: 117 Resp: 346579
Ion Ratio Lower Upper
117 100
82 62.0 49.6 74.4
119 31.9 25.4 38.0

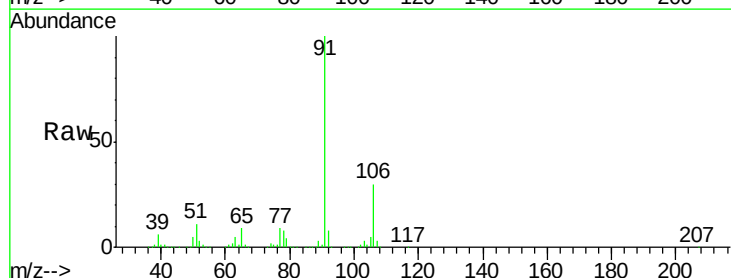


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

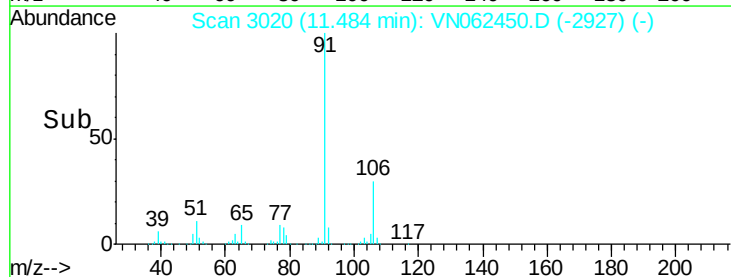
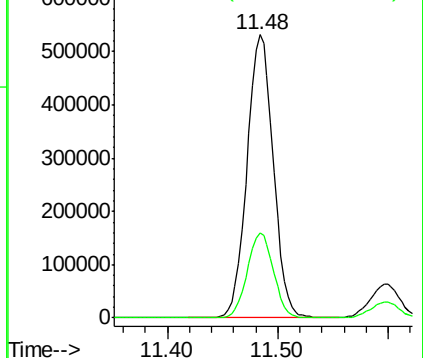


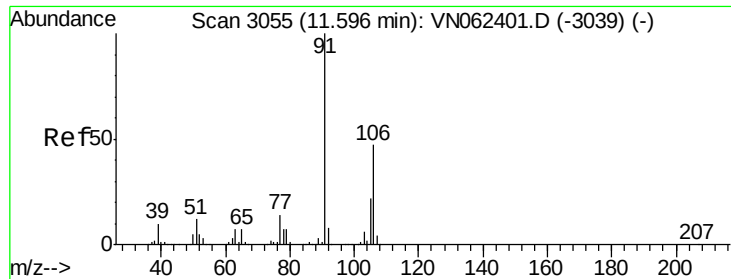
#67
Ethyl Benzene
Concen: 69.203 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

Tgt Ion: 91 Resp: 874989
Ion Ratio Lower Upper
91 100
106 30.1 23.4 35.2



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

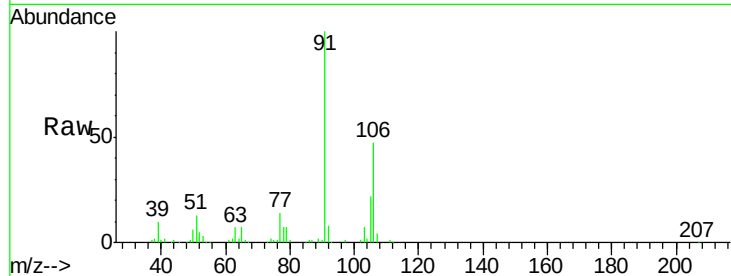




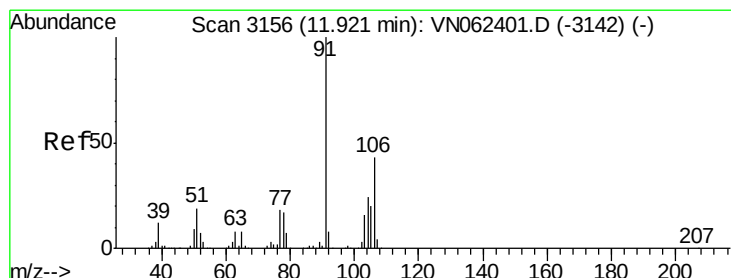
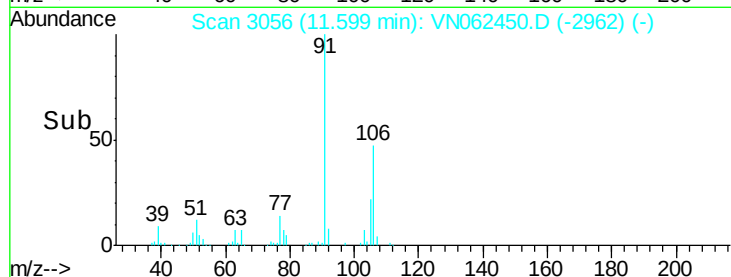
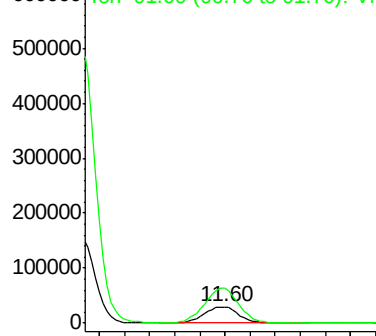
#68
m/p-Xylenes
Concen: 12.843 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.00 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

Instrument :
MSVOA_N
ClientSampled :
MW-12DL

Tgt Ion:106 Resp: 57487
Ion Ratio Lower Upper
106 100
91 208.8 172.4 258.6

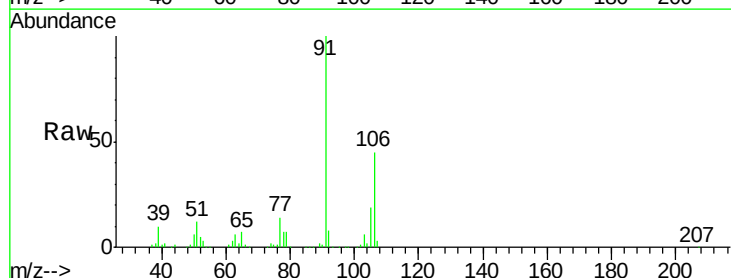


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

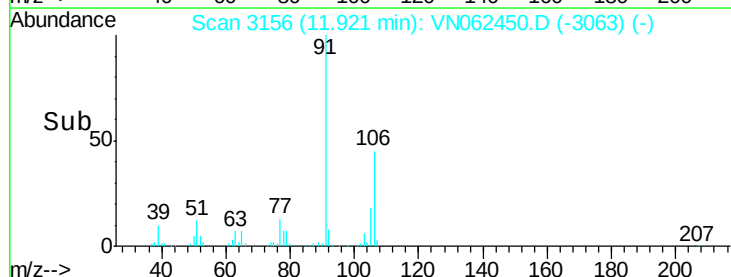
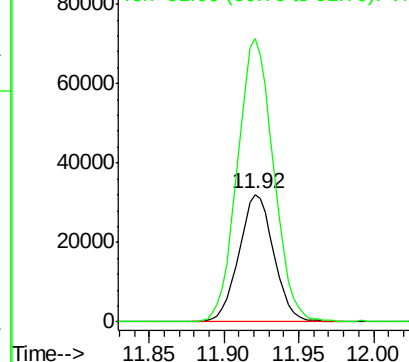


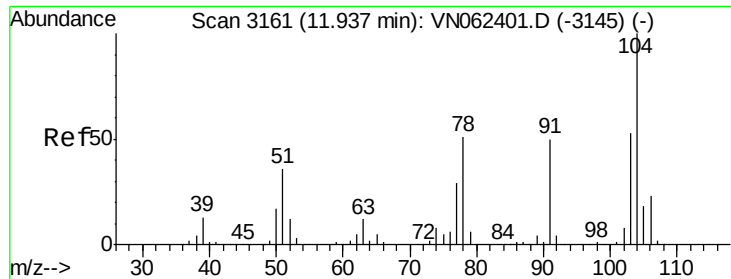
#69
o-Xylene
Concen: 11.920 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

Tgt Ion:106 Resp: 51949
Ion Ratio Lower Upper
106 100
91 231.5 113.8 341.4



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

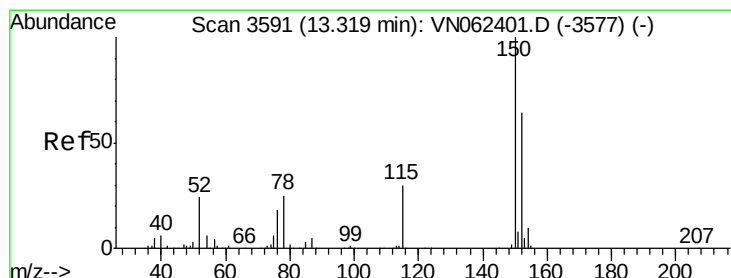
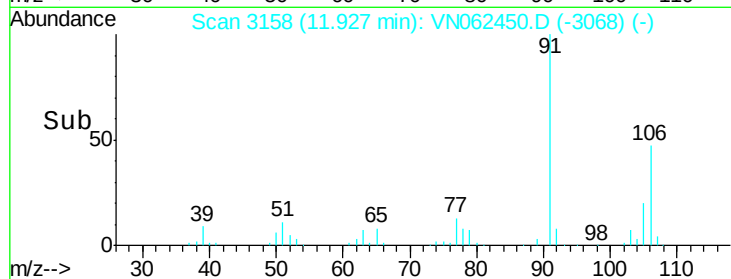
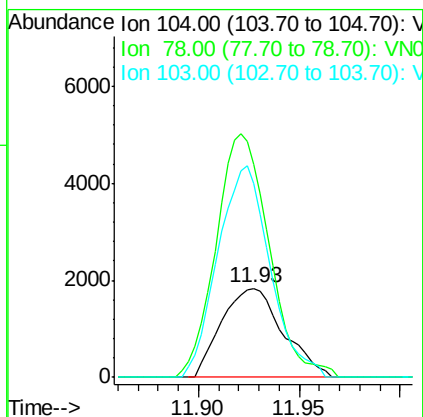
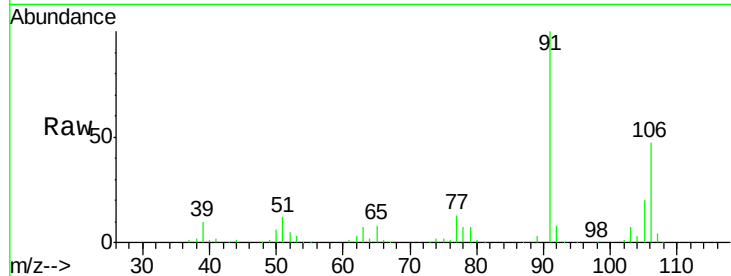




#70
Styrene
Concen: 0.542 ug/l
RT: 11.93 min Scan# 3158
Delta R.T. -0.01 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

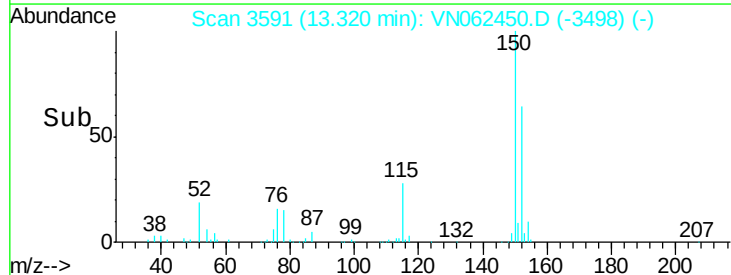
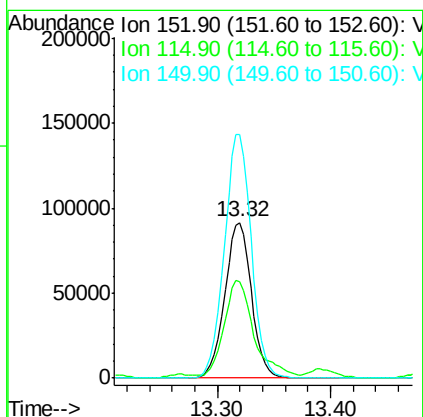
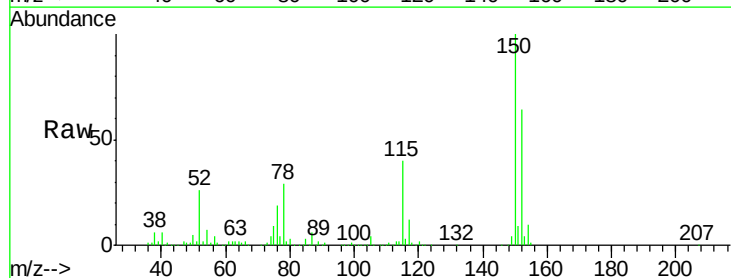
Instrument :
MSVOA_N
ClientSampled :
MW-12DL

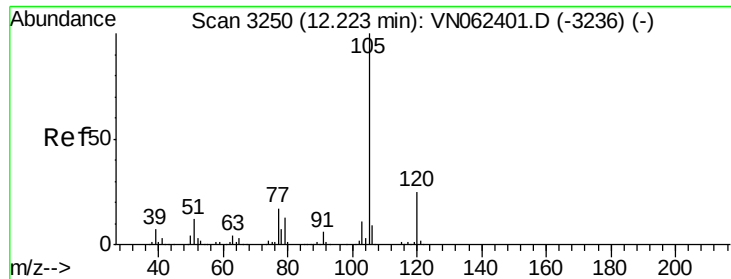
Tgt Ion:104 Resp: 3902
Ion Ratio Lower Upper
104 100
78 235.6 44.2 66.4#
103 201.9 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

Tgt Ion:152 Resp: 149827
Ion Ratio Lower Upper
152 100
115 67.0 31.4 94.2
150 158.8 0.0 347.4





#73

Isopropylbenzene

Concen: 16.206 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Instrument :

MSVOA_N

ClientSampled :

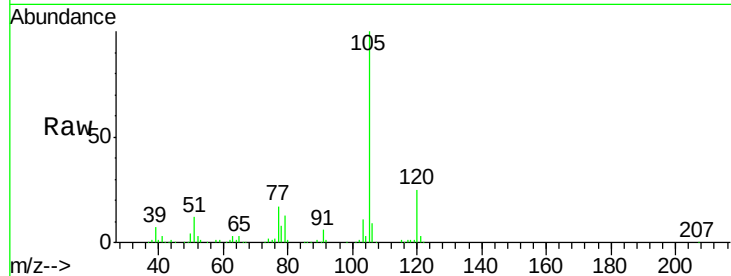
MW-12DL

Tgt Ion:105 Resp: 187897

Ion Ratio Lower Upper

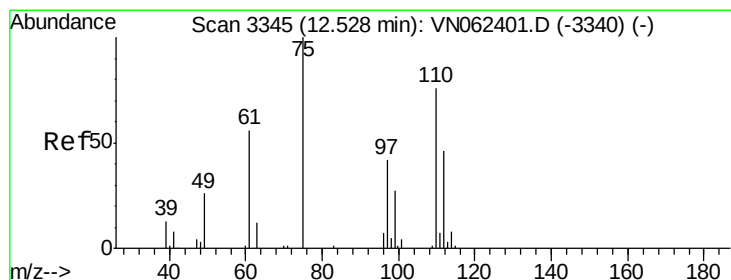
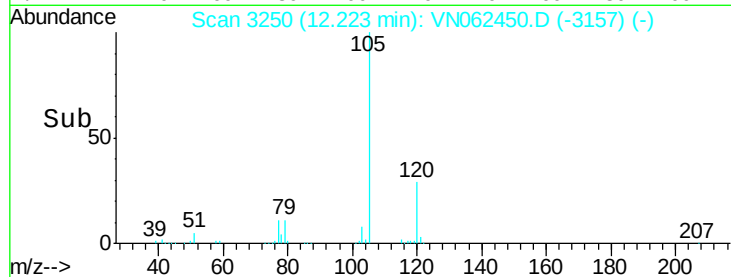
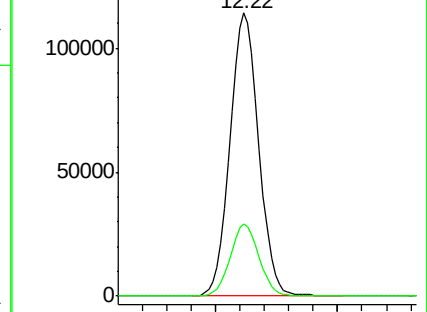
105 100

120 25.6 12.7 38.1



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: 26.068 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062450.D

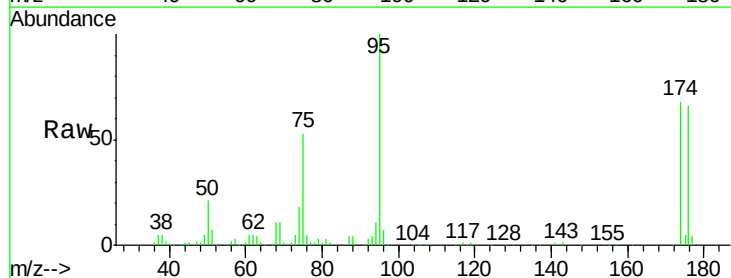
Acq: 9 Jul 2020 12:16

Tgt Ion: 75 Resp: 95833

Ion Ratio Lower Upper

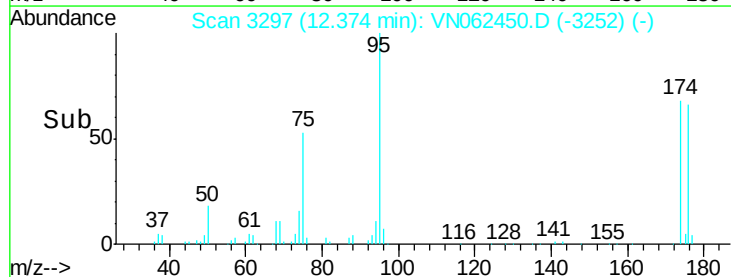
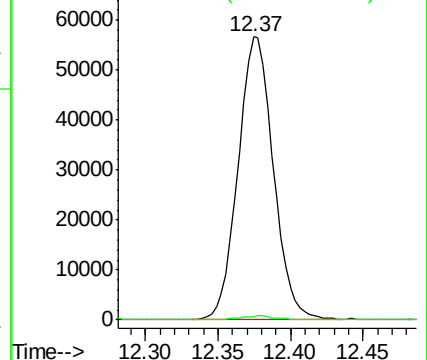
75 100

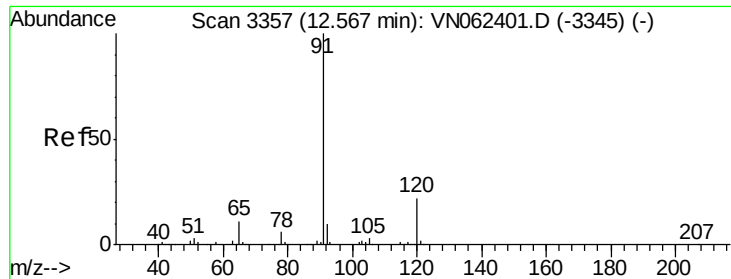
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 14.649 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

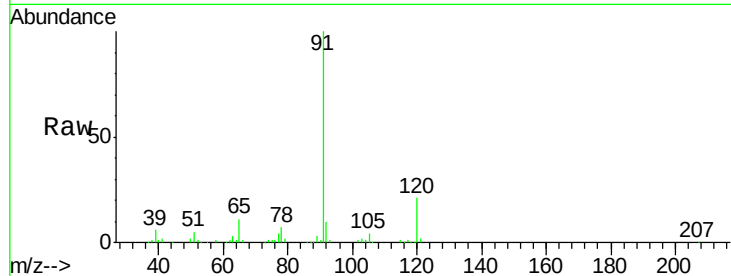
MW-12DL

Tgt Ion: 91 Resp: 198387

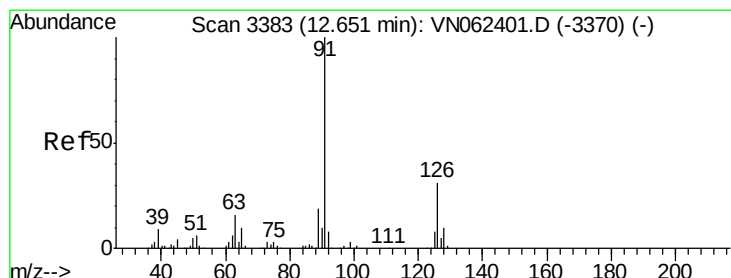
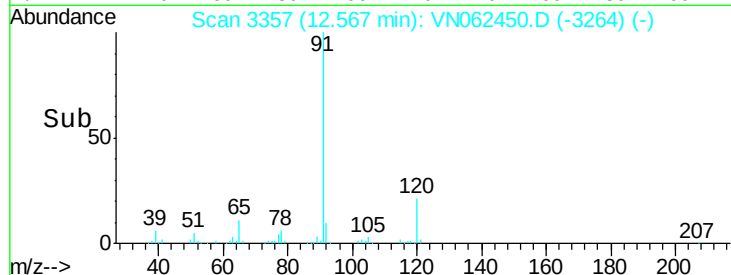
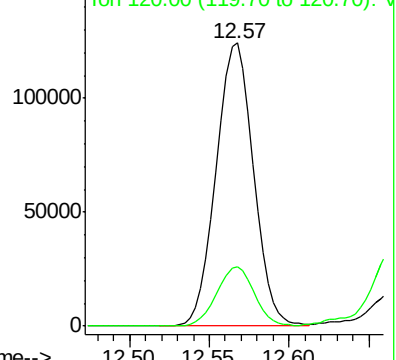
Ion Ratio Lower Upper

91 100

120 21.0 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3345) (-)



#79

2-Chlorotoluene

Concen: 2.818 ug/l

RT: 12.66 min Scan# 3387

Delta R.T. 0.01 min

Lab File: VN062450.D

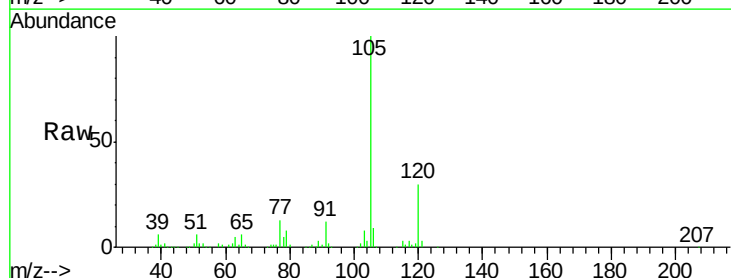
Acq: 9 Jul 2020 12:16

Tgt Ion: 91 Resp: 23160

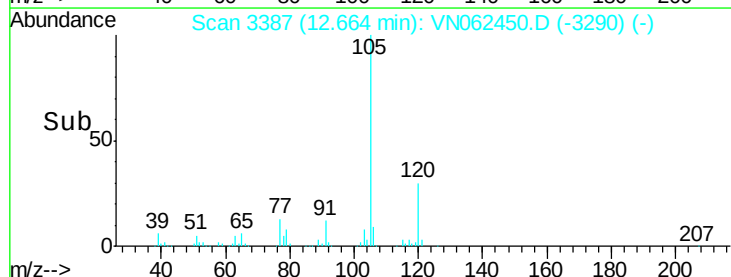
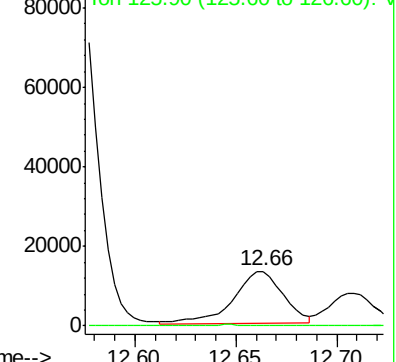
Ion Ratio Lower Upper

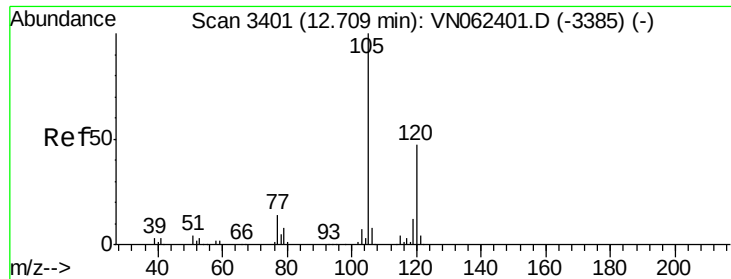
91 100

126 2.0 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)

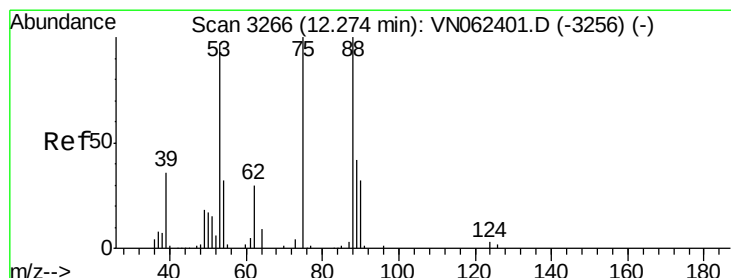
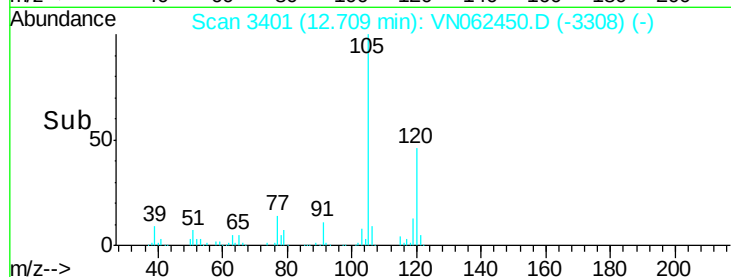
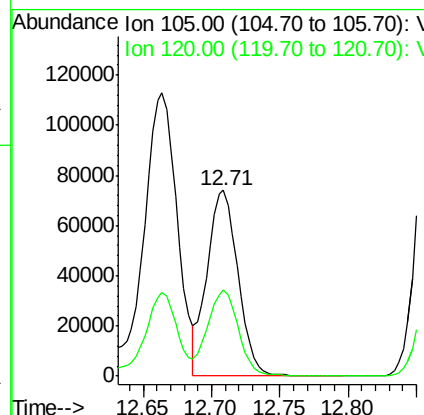
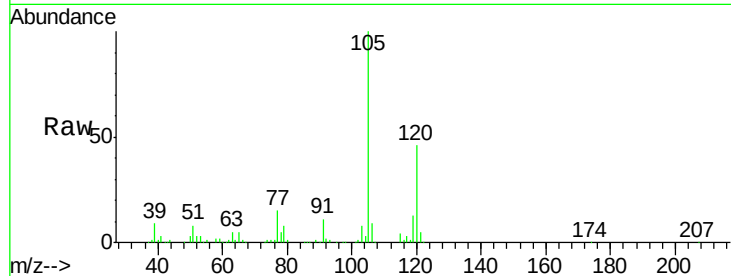




#80
 1,3,5-Trimethylbenzene
 Concen: 12.208 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062450.D
 Acq: 9 Jul 2020 12:16

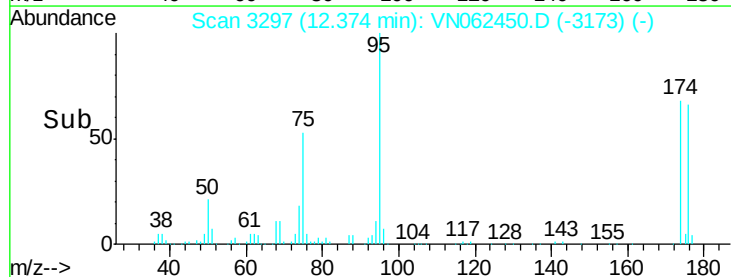
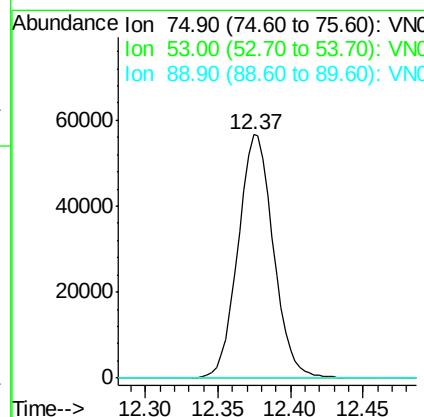
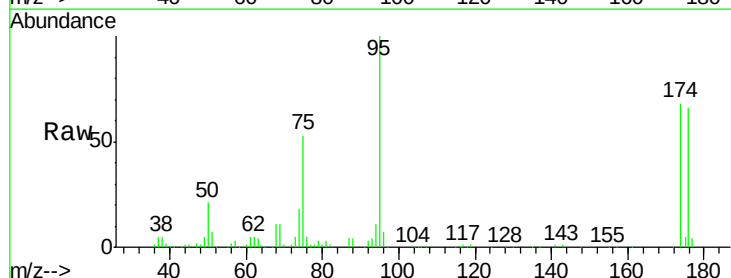
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12DL

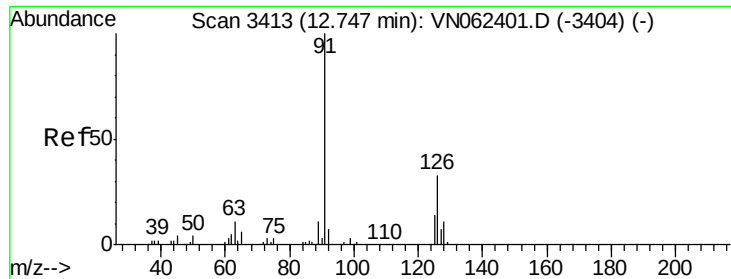
Tgt Ion:105 Resp: 116030
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.774 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.10 min
 Lab File: VN062450.D
 Acq: 9 Jul 2020 12:16

Tgt Ion: 75 Resp: 95833
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.2 118.8#
 89 0.0 34.6 52.0#





#82

4-Chlorotoluene

Concen: 1.377 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

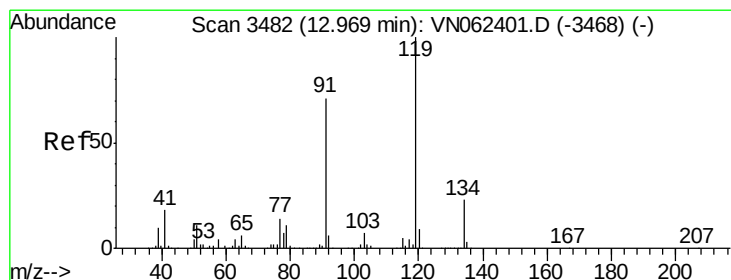
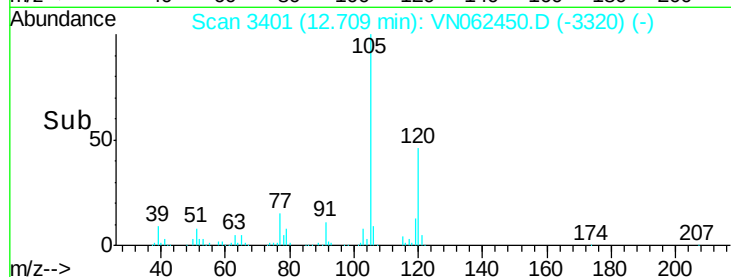
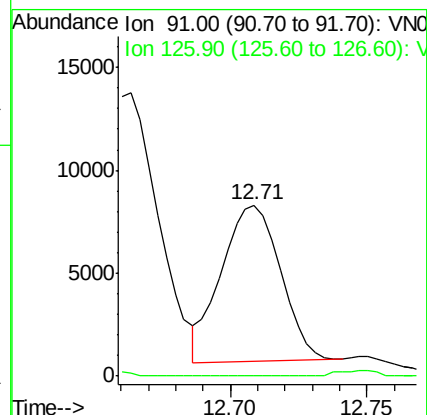
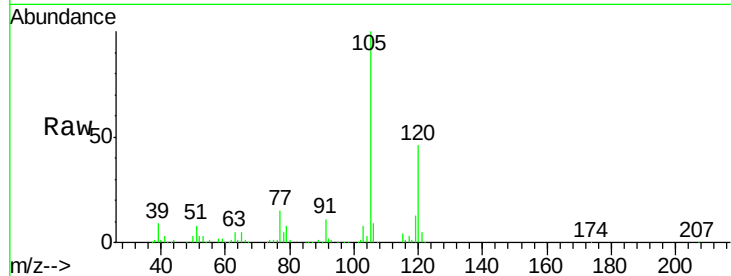
MW-12DL

Tgt Ion: 91 Resp: 11489

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



#83

tert-Butylbenzene

Concen: 11.439 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.05 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

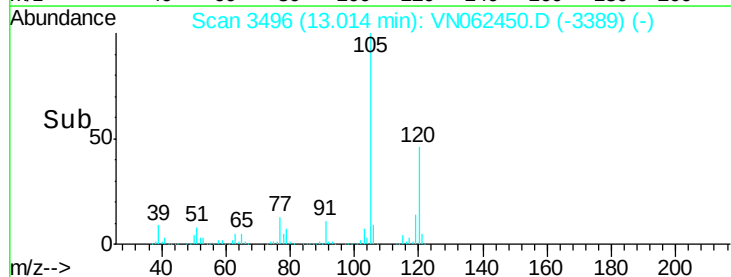
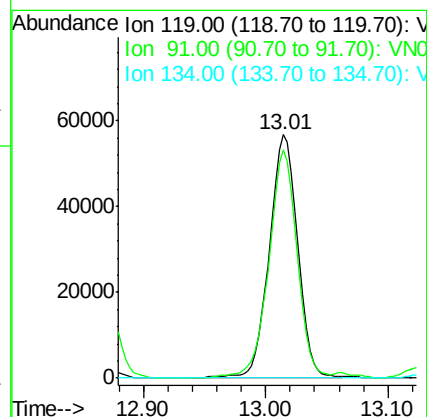
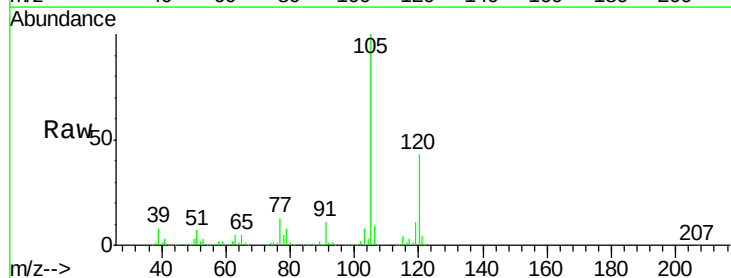
Tgt Ion: 119 Resp: 92266

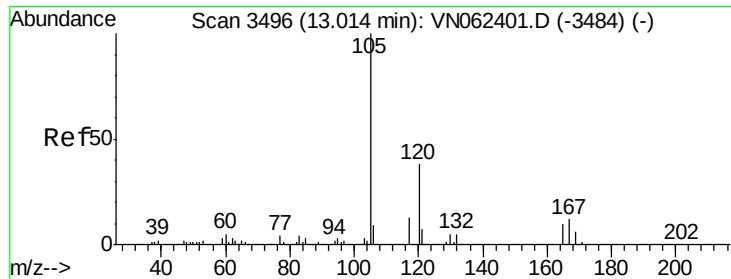
Ion Ratio Lower Upper

119 100

91 93.8 34.8 104.3

134 0.0 11.7 35.0#

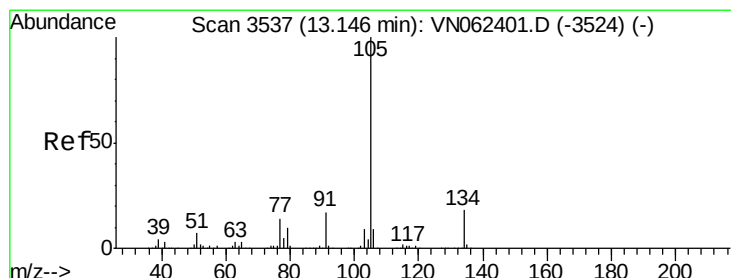
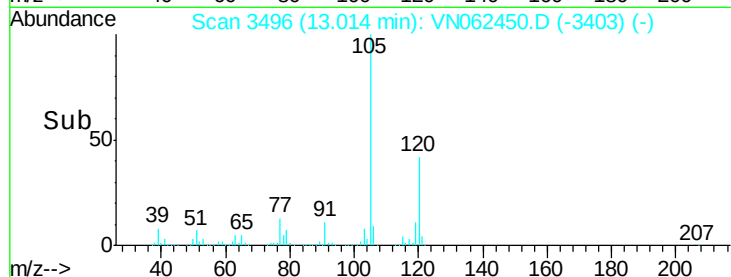
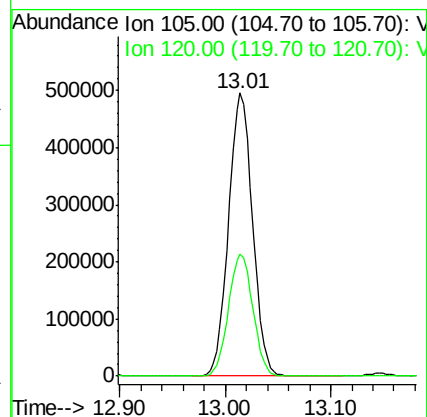
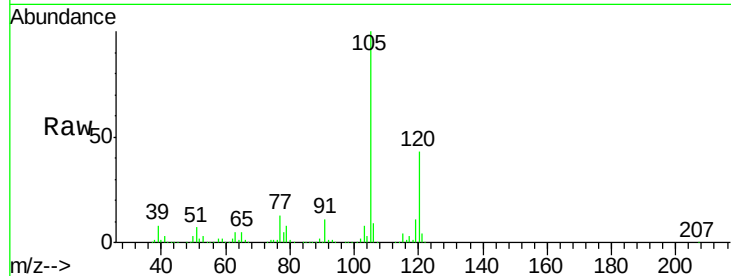




#84
 1,2,4-Trimethylbenzene
 Concen: 82.370 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062450.D
 Acq: 9 Jul 2020 12:16

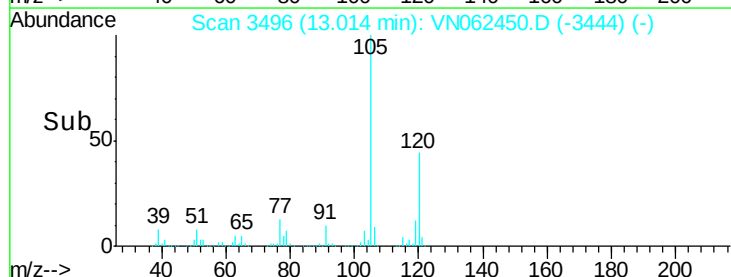
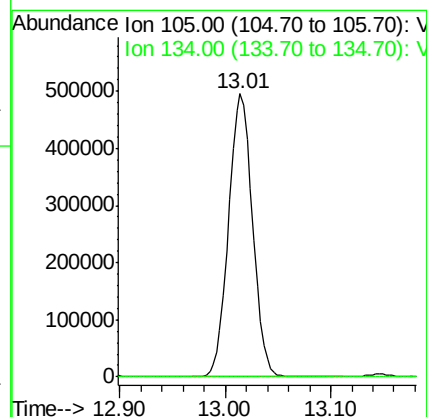
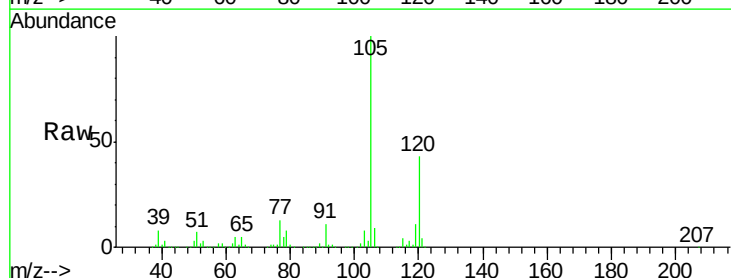
Instrument :
 MSVOA_N
 ClientSampled :
 MW-12DL

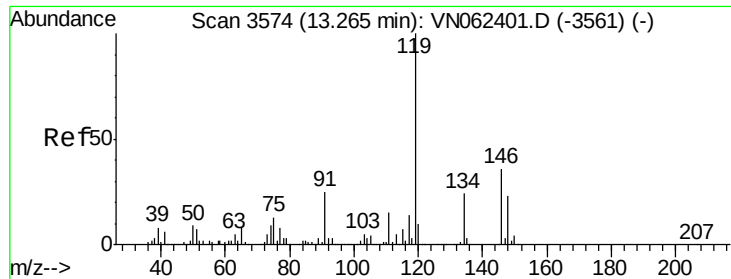
Tgt Ion:105 Resp: 778172
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.6 64.8



#85
 sec-Butylbenzene
 Concen: 72.808 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN062450.D
 Acq: 9 Jul 2020 12:16

Tgt Ion:105 Resp: 778172
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 28.0#

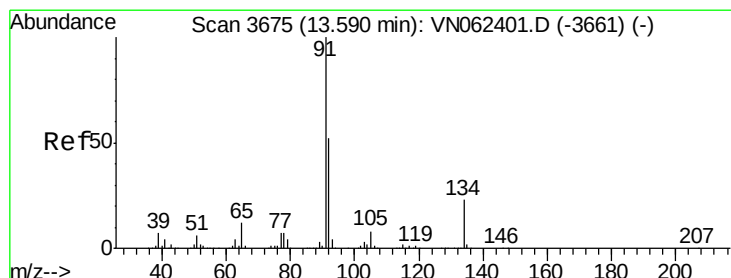
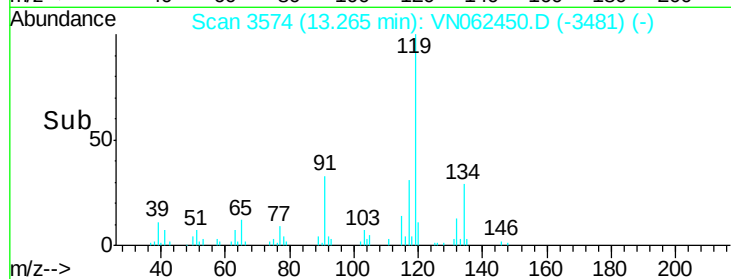
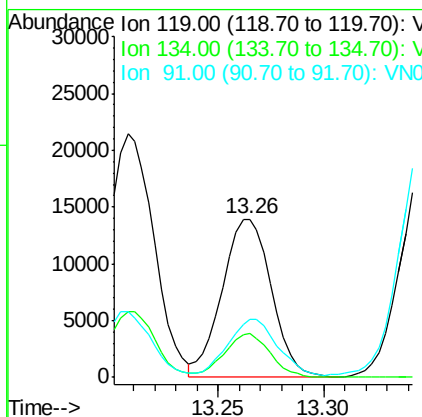
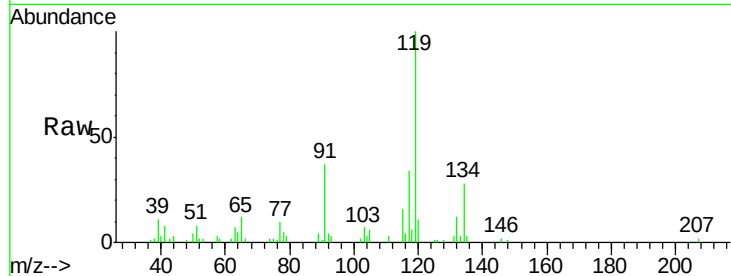




#86
p-Isopropyltoluene
Concen: 2.453 ug/l
RT: 13.26 min Scan# 3574
Delta R.T. 0.00 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

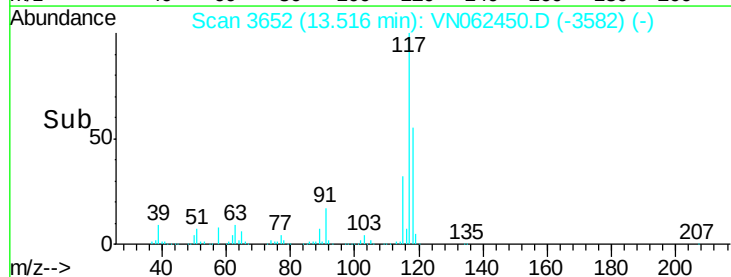
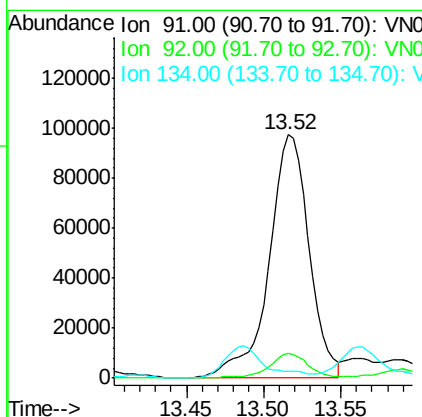
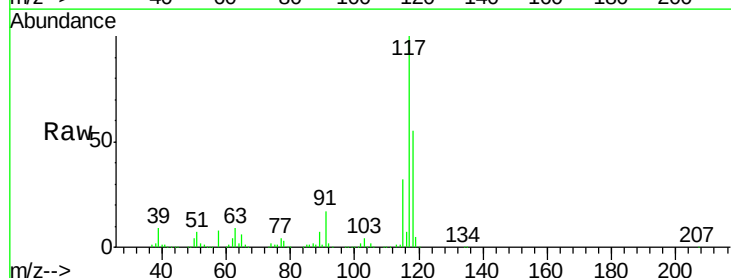
Instrument :
MSVOA_N
ClientSampleId :
MW-12DL

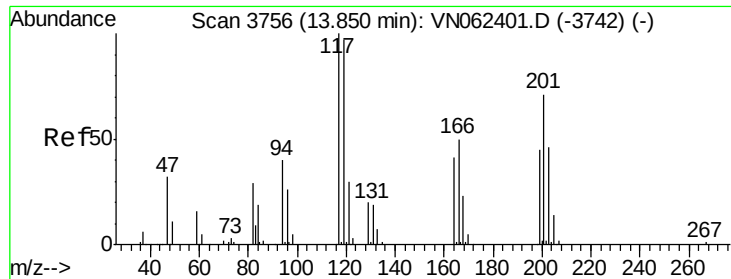
Tgt Ion: 119 Resp: 22628
Ion Ratio Lower Upper
119 100
134 25.7 12.4 37.0
91 34.8 12.4 37.4



#89
n-Butylbenzene
Concen: 21.552 ug/l
RT: 13.52 min Scan# 3652
Delta R.T. -0.07 min
Lab File: VN062450.D
Acq: 9 Jul 2020 12:16

Tgt Ion: 91 Resp: 175544
Ion Ratio Lower Upper
91 100
92 9.9 25.9 77.7#
134 0.0 11.6 34.8#





#90

Hexachloroethane

Concen: 7.081 ug/l

RT: 13.86 min Scan# 3759

Delta R.T. 0.01 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

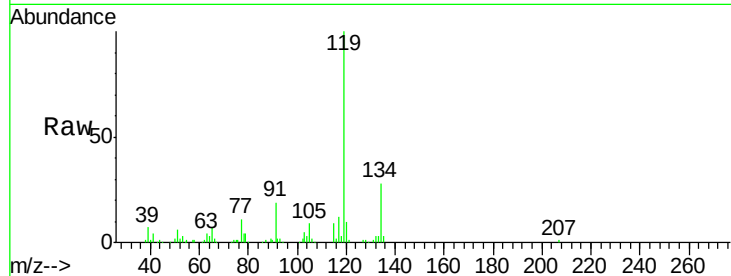
MW-12DL

Tgt Ion:117 Resp: 12850

Ion Ratio Lower Upper

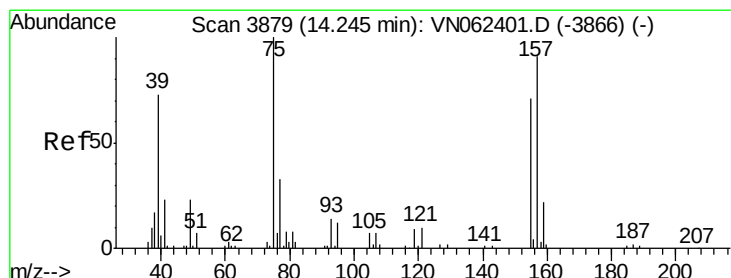
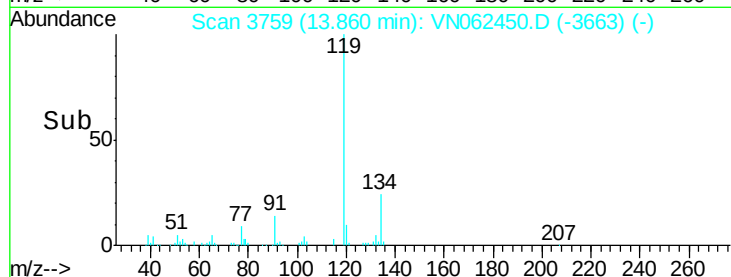
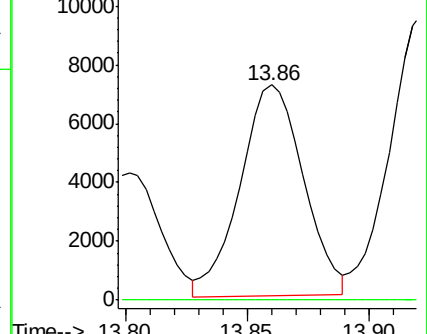
117 100

201 0.0 35.4 106.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.494 ug/l

RT: 14.22 min Scan# 3872

Delta R.T. -0.02 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

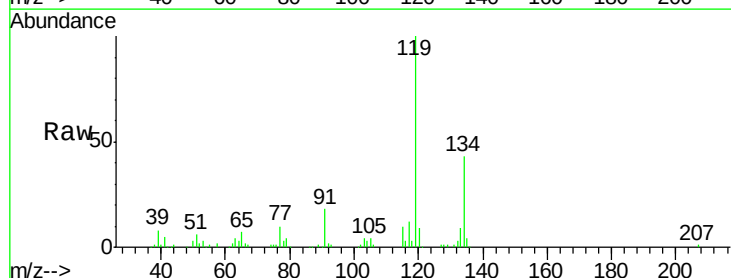
Tgt Ion: 75 Resp: 1063

Ion Ratio Lower Upper

75 100

155 0.0 35.2 105.6#

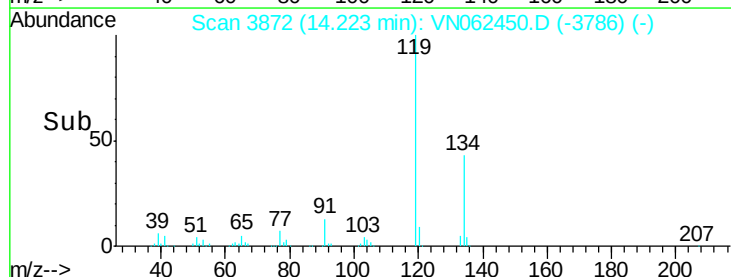
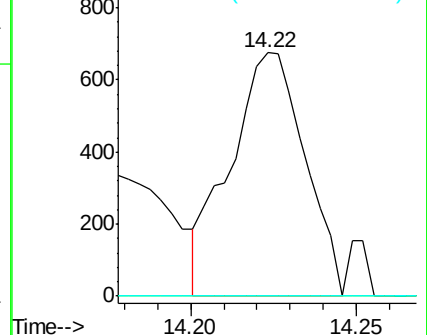
157 0.0 45.8 137.3#

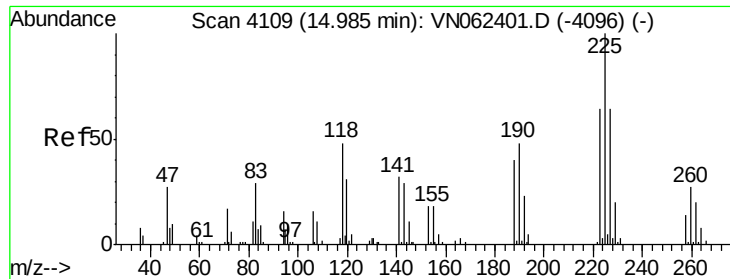


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#94

Hexachlorobutadiene

Concen: 0.478 ug/l

RT: 14.98 min Scan# 4107

Delta R.T. -0.01 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

MW-12DL

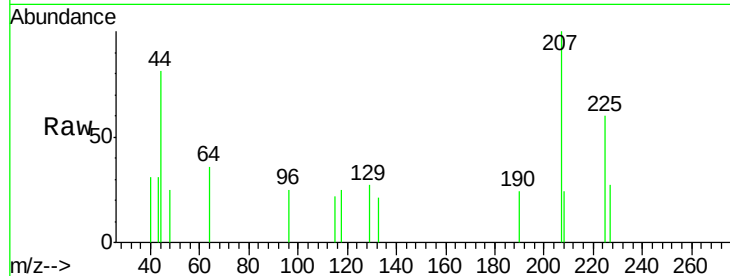
Tgt Ion:225 Resp: 558

Ion Ratio Lower Upper

225 100

223 20.4 32.3 96.8#

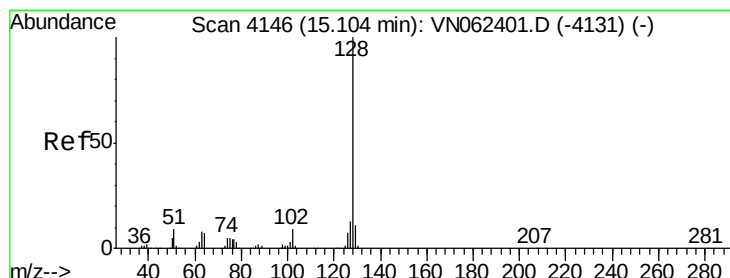
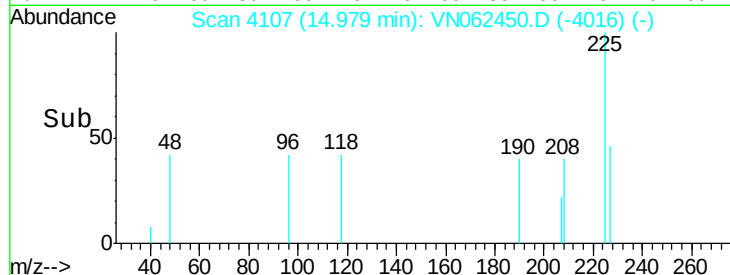
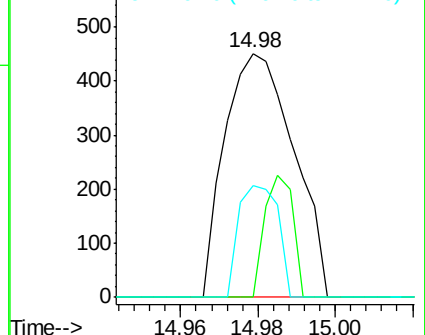
227 26.0 31.9 95.7#



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: 300.217 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062450.D

Acq: 9 Jul 2020 12:16

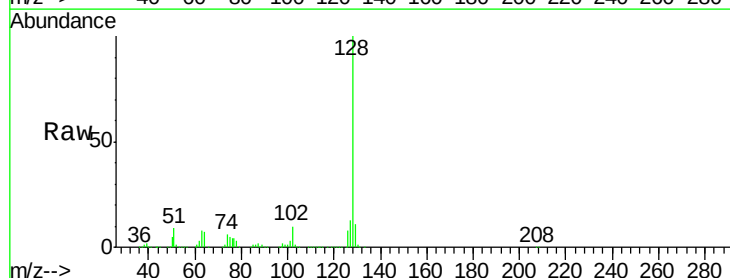
Tgt Ion:128 Resp: 3028933

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

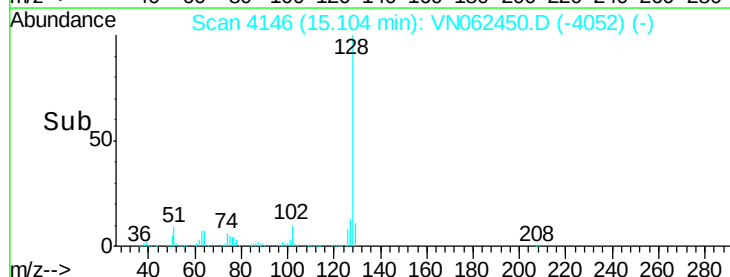
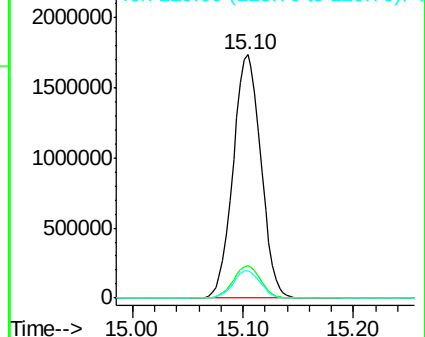
129 11.1 8.6 12.8

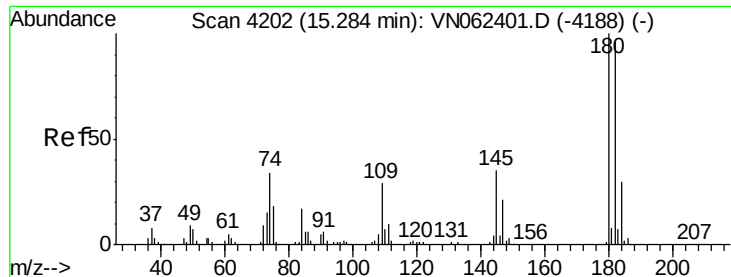


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.136 ug/l
 RT: 15.29 min Scan# 4203
 Delta R.T. 0.00 min
 Lab File: VN062450.D
 Acq: 9 Jul 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12DL

Tgt Ion:180 Resp: 2318
 Ion Ratio Lower Upper
 180 100
 182 102.6 47.8 143.4
 145 58.1 17.0 50.9#

