

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070920\
 Data File : VN062453.D
 Acq On : 9 Jul 2020 13:29
 Operator : JC/MD
 Sample : L3215-19DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6DL

Quant Time: Jul 09 14:02:10 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	209185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	358894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147356	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	162611	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	118147	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.06	98	485214	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.38	95	185278	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	

Target Compounds						Qvalue
6) Chloroethane	2.67	64	349	0.214	ug/l #	44
11) Tert butyl alcohol	4.72	59	149	0.279	ug/l #	74
13) Acrolein	3.52	56	857	2.226	ug/l #	1
15) Acrylonitrile	5.00	53	1630	1.164	ug/l #	27
16) Acetone	3.77	43	5529	4.048	ug/l #	45
17) Carbon Disulfide	4.00	76	2932	0.436	ug/l #	75
18) Methyl Acetate	4.49	43	12894	3.782	ug/l #	56
19) Methyl tert-butyl Ether	4.99	73	25094	3.083	ug/l #	1
20) Methylene Chloride	4.50	84	1409	0.482	ug/l #	81
31) Cyclohexane	7.62	56	25017	5.119	ug/l #	73
36) 1,1-Dichloropropene	7.63	75	18259	4.804	ug/l #	52
38) Carbon Tetrachloride	7.63	117	21429	6.271	ug/l #	16
39) Methylcyclohexane	9.05	83	25238	6.219	ug/l	99
40) Benzene	8.00	78	535378	47.789	ug/l	100
42) 1,2-Dichloroethane	8.00	62	5084	1.239	ug/l	83
43) Isopropyl Acetate	8.10	43	4518	0.643	ug/l #	57
48) Methyl methacrylate	9.11	41	1518	0.441	ug/l #	29
51) 4-Methyl-2-Pentanone	9.91	43	3263	0.778	ug/l #	39
52) Toluene	10.12	92	132811	20.524	ug/l	98
53) t-1,3-Dichloropropene	10.12	75	1546	0.352	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	3608	1.418	ug/l #	14
56) Ethyl methacrylate	10.40	69	937	1.905	ug/l #	67
58) 2-Chloroethyl Vinyl ether	9.58	63	439	0.291	ug/l #	54
67) Ethyl Benzene	11.48	91	323543	24.711	ug/l	100
68) m/p-Xylenes	11.59	106	704694	152.036	ug/l	98
69) o-Xylene	11.92	106	237139	52.547	ug/l	98
70) Styrene	11.92	104	12319	1.652	ug/l #	1
71) Bromoform	12.37	173	543	0.288	ug/l #	1
73) Isopropylbenzene	12.22	105	18243	1.600	ug/l	99
76) 1,2,3-Trichloropropane	12.37	75	98042	27.116	ug/l #	100
78) n-propylbenzene	12.57	91	28226	2.119	ug/l	98
79) 2-Chlorotoluene	12.63	91	31963	3.954	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.71	105	152336	16.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	98042	72.579	ug/l #	10

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 Response via : Initial Calibration

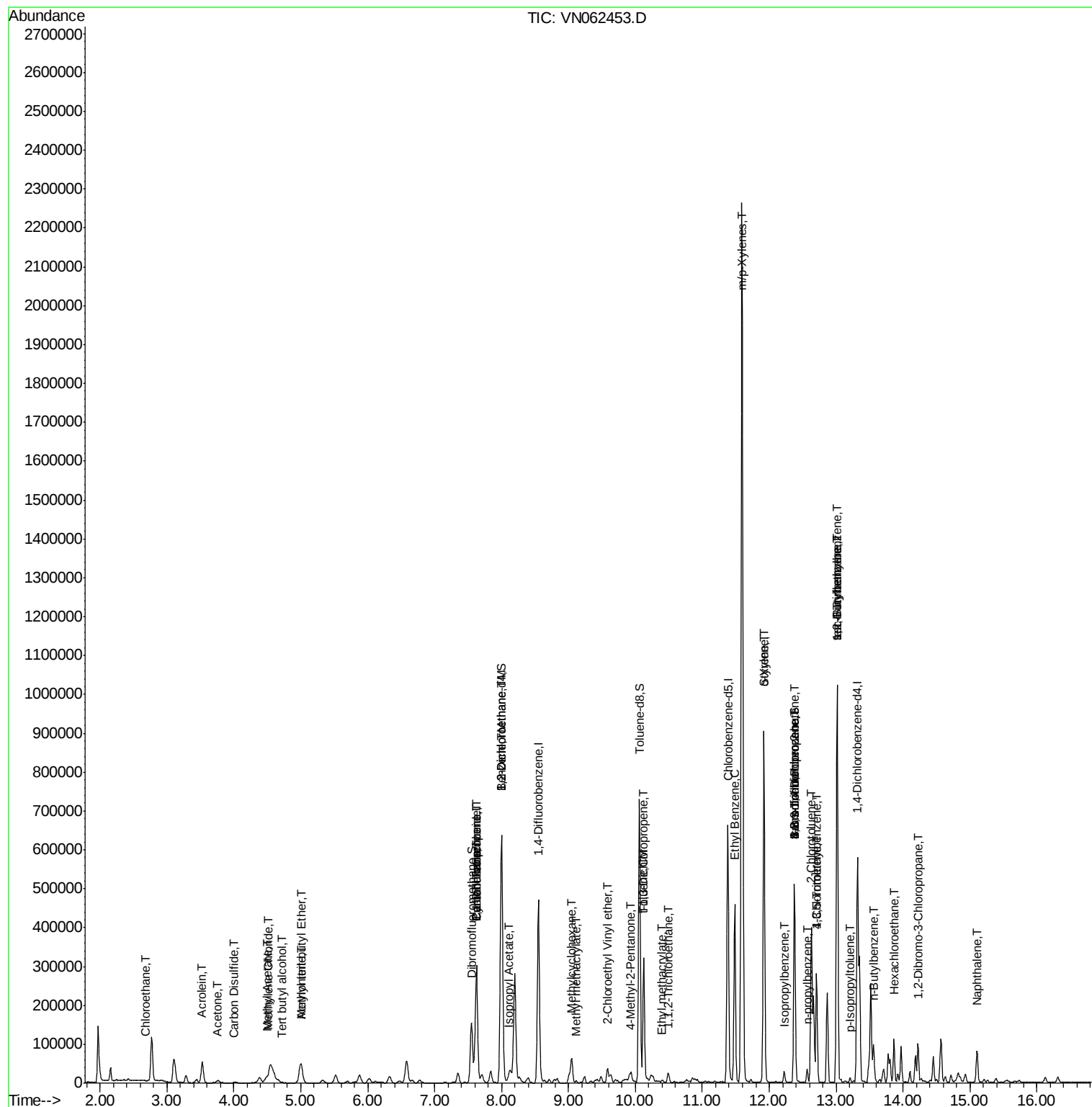
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.71	91	16947	2.065	ug/l #	44
83) tert-Butylbenzene	13.01	119	68076	8.582	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.01	105	574086	61.787	ug/l	100
85) sec-Butylbenzene	13.01	105	574086	54.614	ug/l #	58
86) p-Isopropyltoluene	13.21	119	7169	0.790	ug/l	98
89) n-Butylbenzene	13.56	91	12599	1.573	ug/l #	1
90) Hexachloroethane	13.86	117	5988	3.355	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	388	0.555	ug/l #	8
95) Naphthalene	15.10	128	70273	13.441	ug/l	99

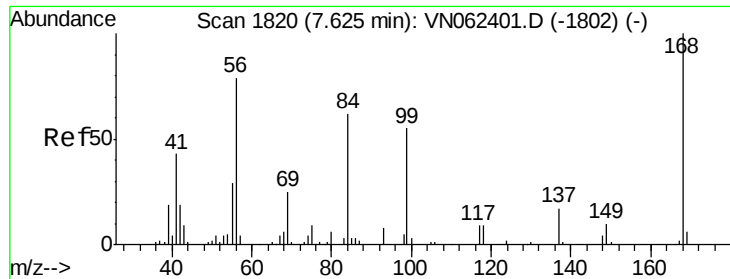
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

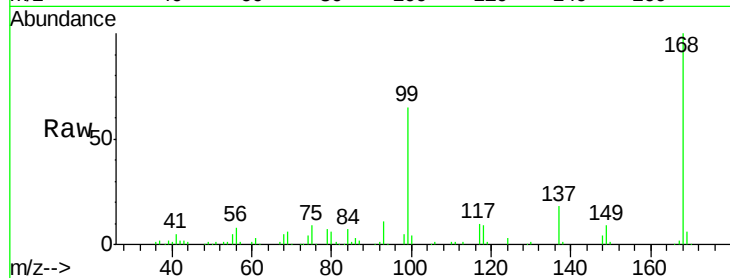
MW-6DL

Tgt Ion:168 Resp: 209185

Ion Ratio Lower Upper

168 100

99 64.9 48.8 73.2

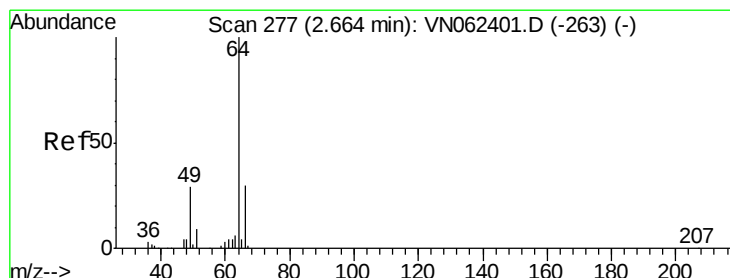
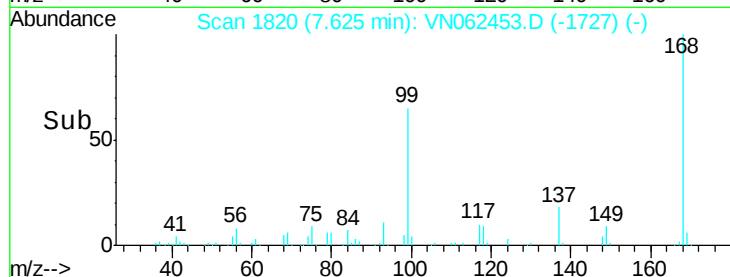


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

Time--> 7.50 7.60 7.70



#6

Chloroethane

Concen: 0.214 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062453.D

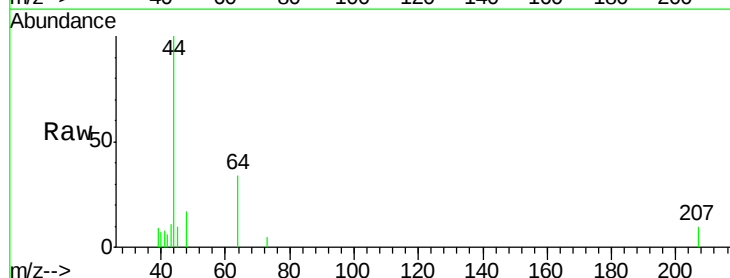
Acq: 9 Jul 2020 13:29

Tgt Ion: 64 Resp: 349

Ion Ratio Lower Upper

64 100

66 0.0 24.2 36.2#

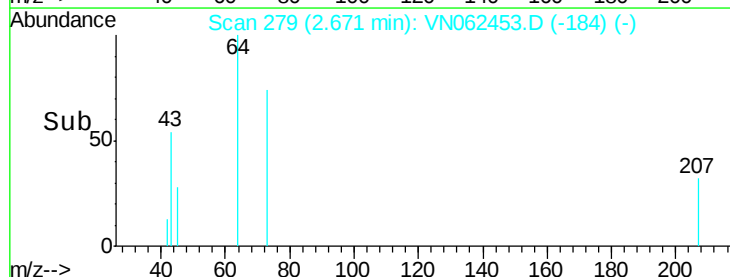


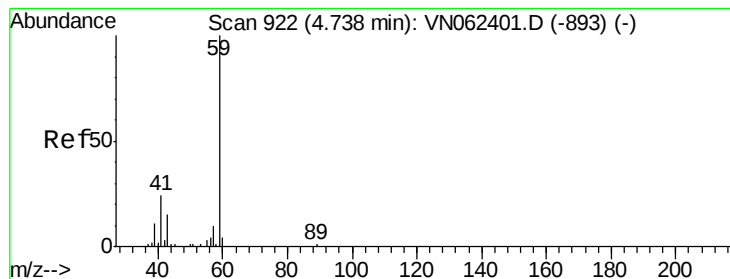
Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.67

Time--> 2.64 2.66 2.68 2.70



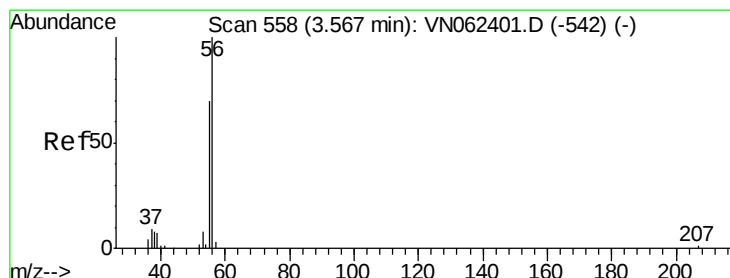
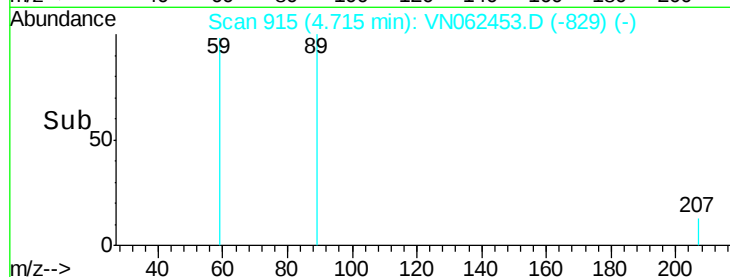
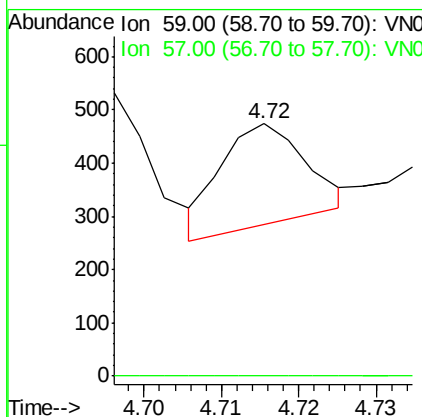
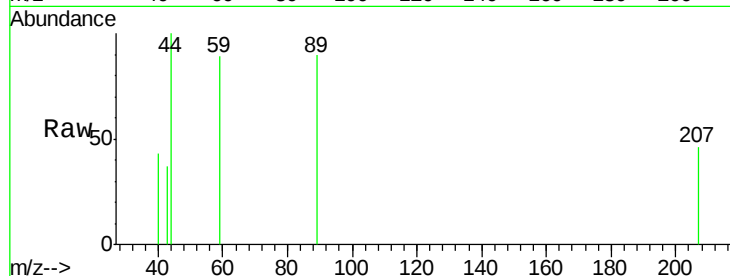


#11

Tert butyl alcohol
 Concen: 0.279 ug/l
 RT: 4.72 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Instrument :
 MSVOA_N
 ClientSampled :
 MW-6DL

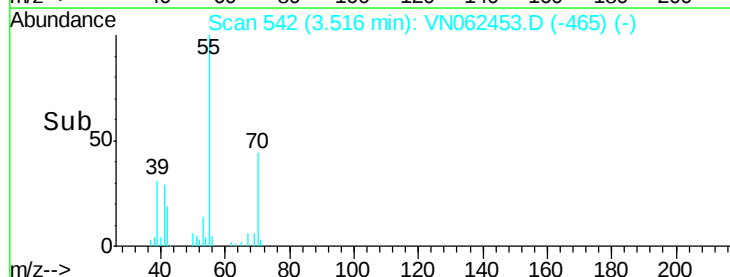
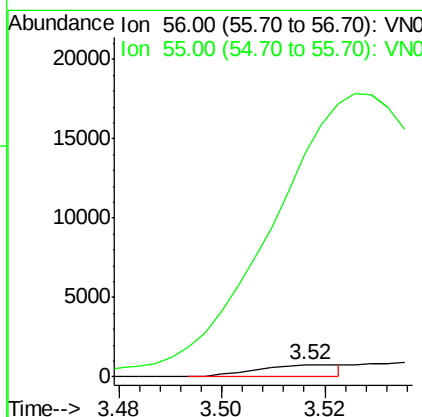
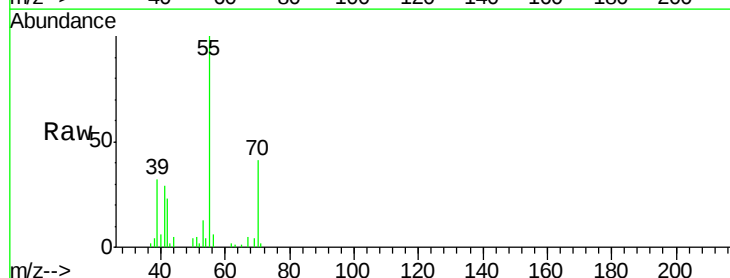
Tgt Ion: 59 Resp: 149
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

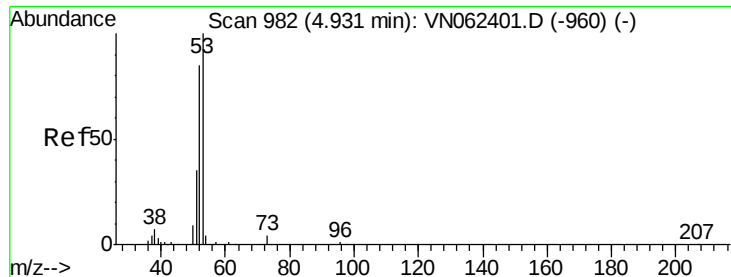


#13

Acrolein
 Concen: 2.226 ug/l
 RT: 3.52 min Scan# 542
 Delta R.T. -0.05 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Tgt Ion: 56 Resp: 857
 Ion Ratio Lower Upper
 56 100
 55 5137.9 57.2 85.8#





#15

Acrylonitrile

Concen: 1.164 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.07 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampled :

MW-6DL

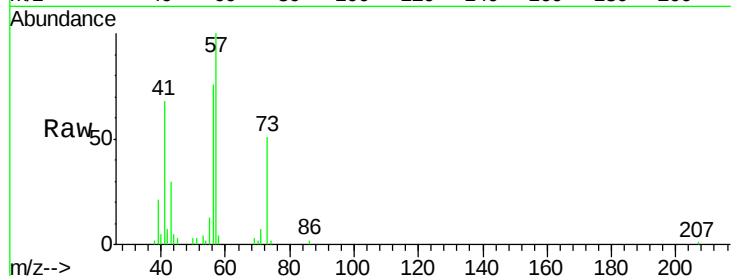
Tgt Ion: 53 Resp: 1630

Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.4#

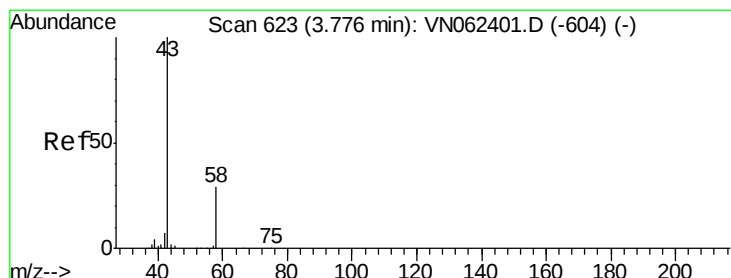
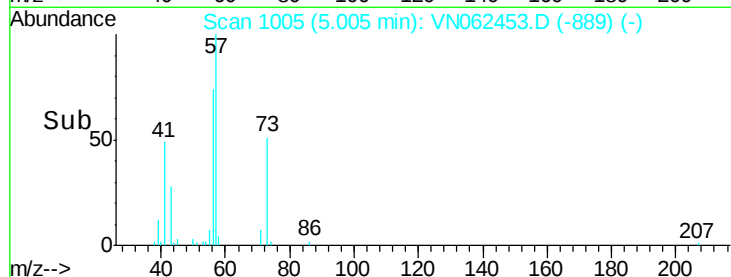
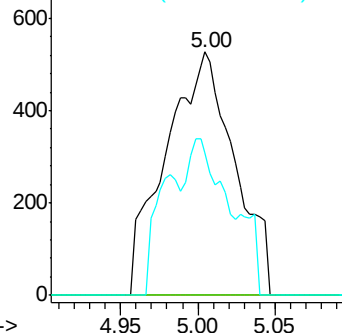
51 18.5 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 4.048 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.01 min

Lab File: VN062453.D

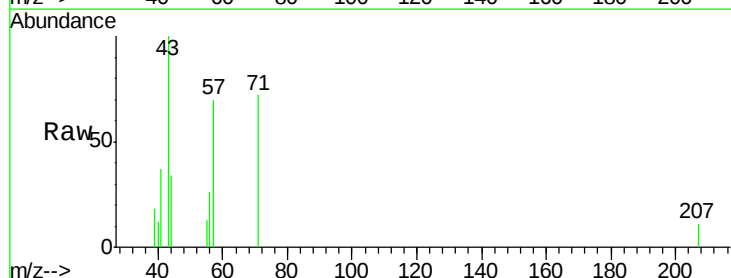
Acq: 9 Jul 2020 13:29

Tgt Ion: 43 Resp: 5529

Ion Ratio Lower Upper

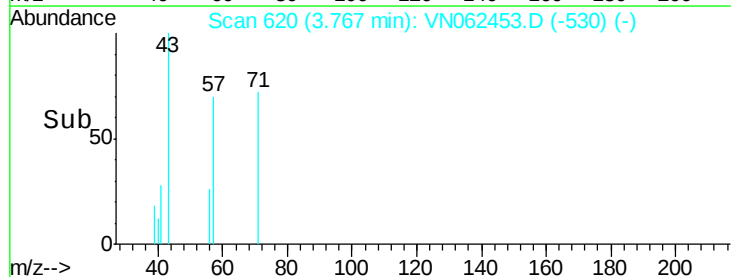
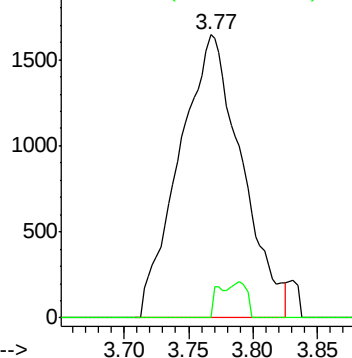
43 100

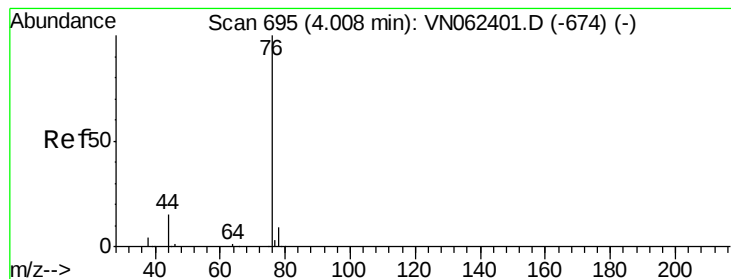
58 0.0 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.436 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampled :

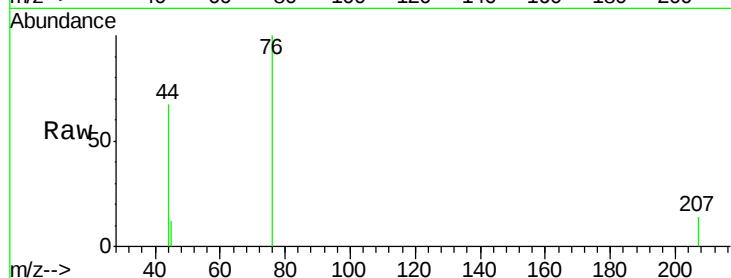
MW-6DL

Tgt Ion: 76 Resp: 2932

Ion Ratio Lower Upper

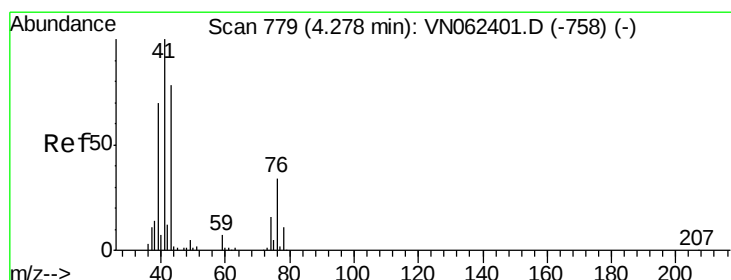
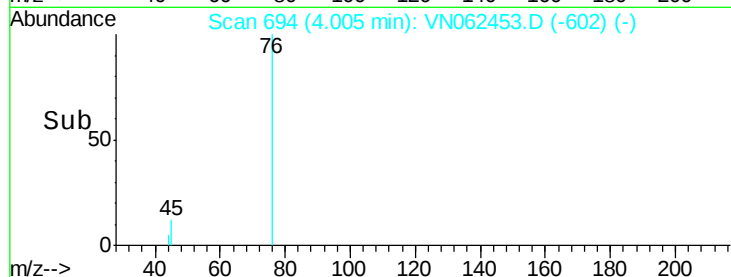
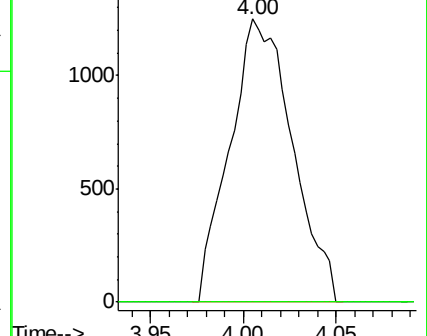
76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 3.782 ug/l

RT: 4.49 min Scan# 845

Delta R.T. 0.21 min

Lab File: VN062453.D

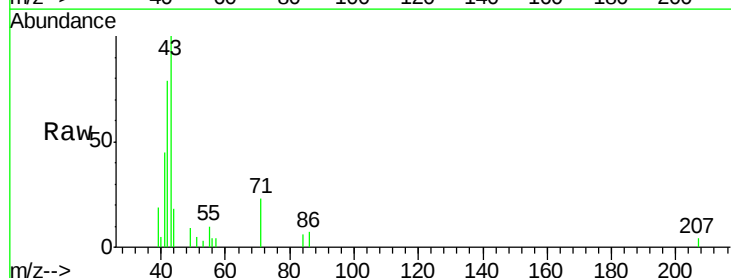
Acq: 9 Jul 2020 13:29

Tgt Ion: 43 Resp: 12894

Ion Ratio Lower Upper

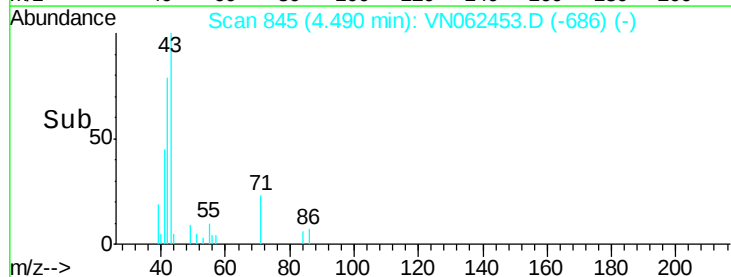
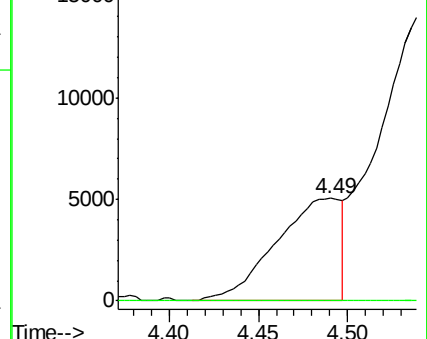
43 100

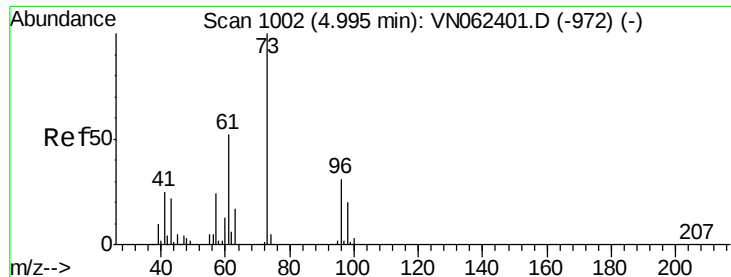
74 0.0 16.0 24.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

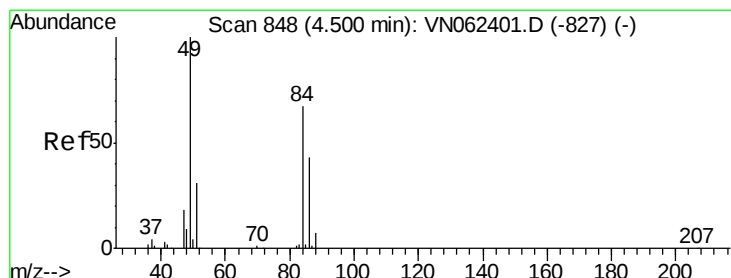
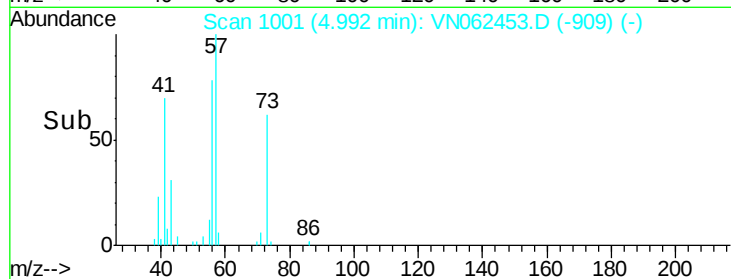
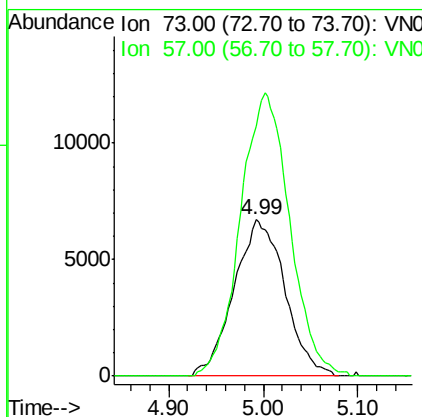
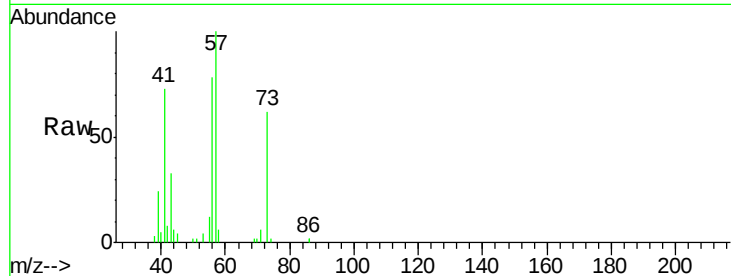




#19
Methyl tert-butyl Ether
Concen: 3.083 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

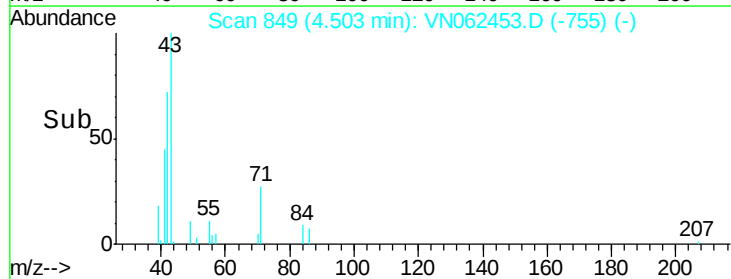
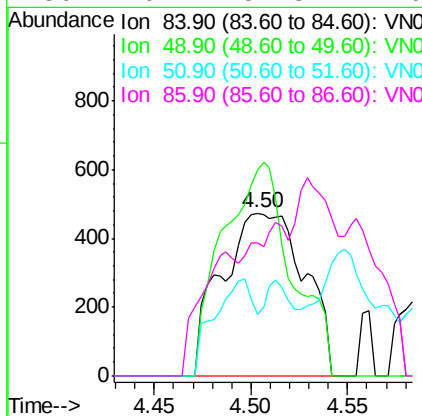
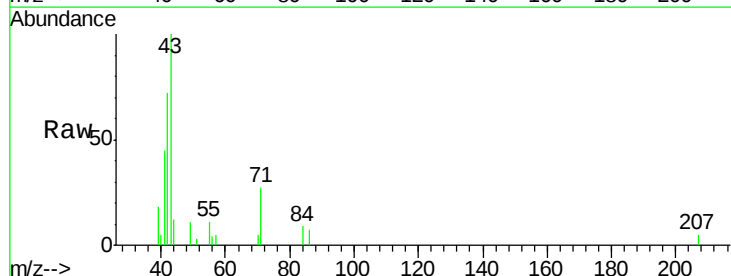
Instrument :
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ClientSampled :
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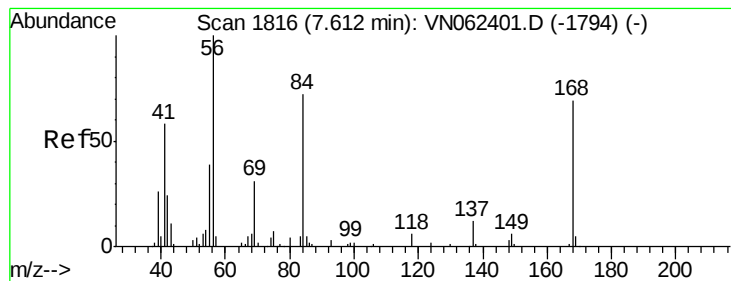
Tgt Ion: 73 Resp: 25094
Ion Ratio Lower Upper
73 100
57 160.3 19.4 29.0#



#20
Methylene Chloride
Concen: 0.482 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Tgt Ion: 84 Resp: 1409
Ion Ratio Lower Upper
84 100
49 126.2 120.0 180.0
51 37.6 37.0 55.6
86 46.2 51.8 77.6#





#31

Cyclohexane

Concen: 5.119 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampled :

MW-6DL

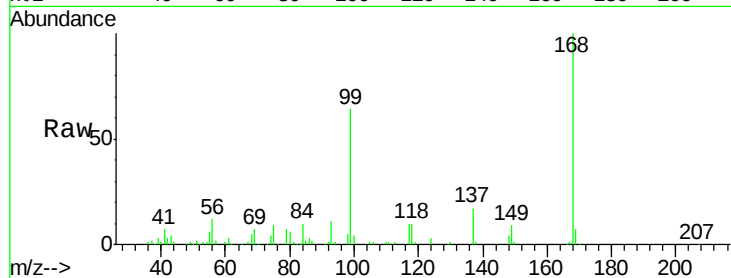
Tgt Ion: 56 Resp: 25017

Ion Ratio Lower Upper

56 100

69 60.8 24.5 36.7#

84 84.6 57.4 86.2

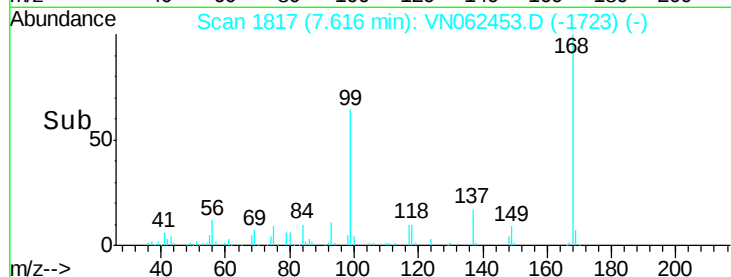


Abundance Ion 56.00 (55.70 to 56.70): VN062453.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062453.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062453.D (-1794) (-)

Time-->

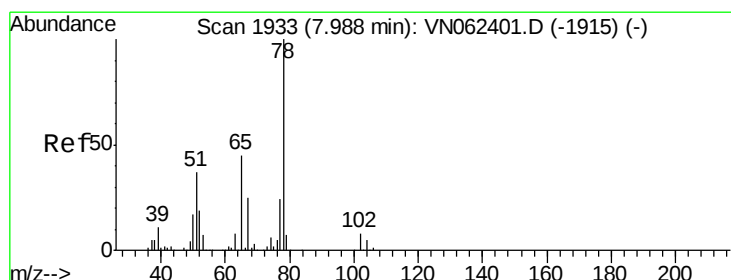


Abundance Ion 56.00 (55.70 to 56.70): VN062453.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062453.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062453.D (-1794) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.539 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062453.D

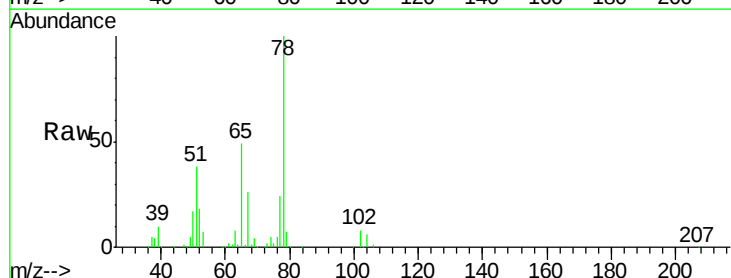
Acq: 9 Jul 2020 13:29

Tgt Ion: 65 Resp: 162611

Ion Ratio Lower Upper

65 100

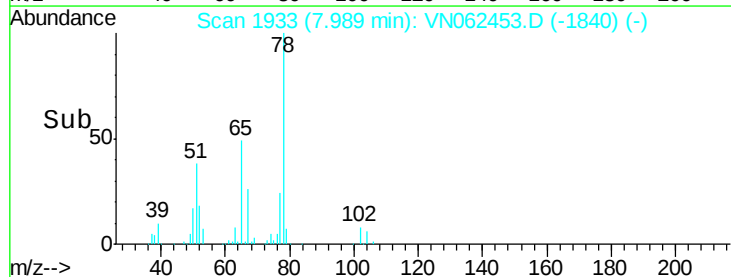
67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN062453.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062453.D (-1840) (-)

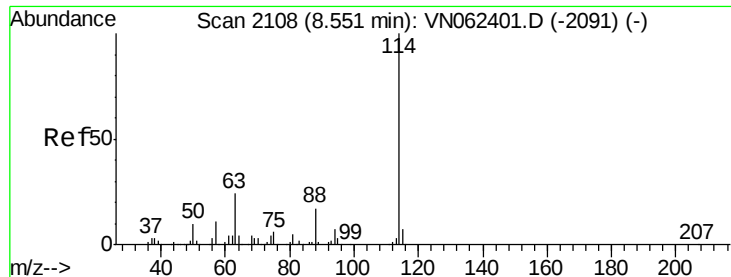
Time-->



Abundance Ion 64.90 (64.60 to 65.60): VN062453.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062453.D (-1840) (-)

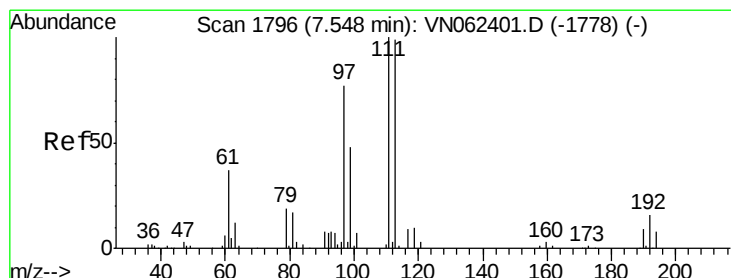
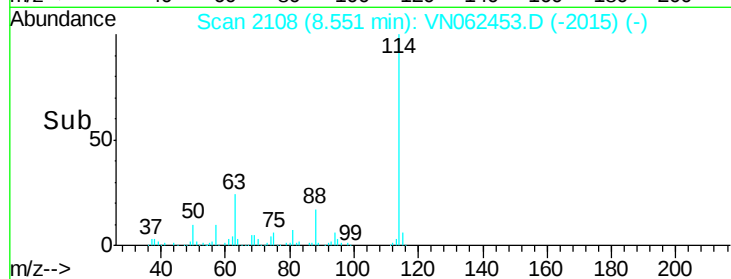
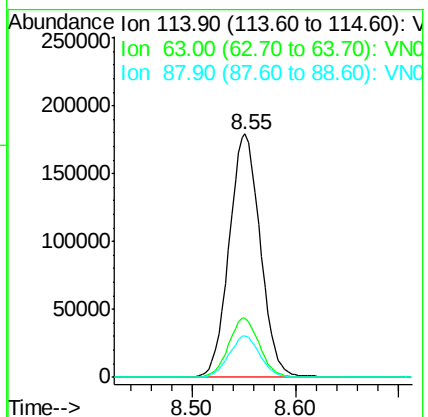
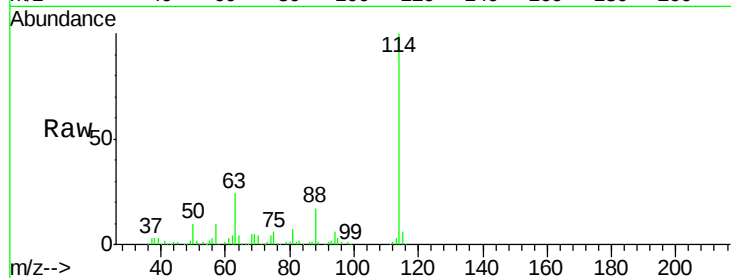
Time-->



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

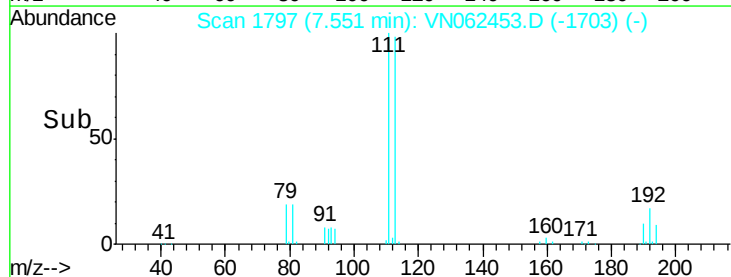
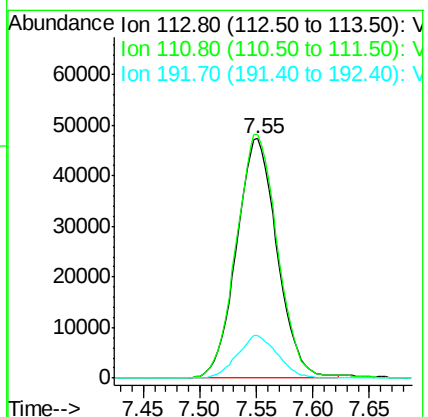
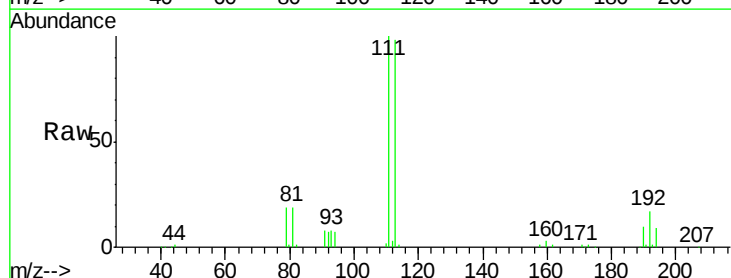
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6DL

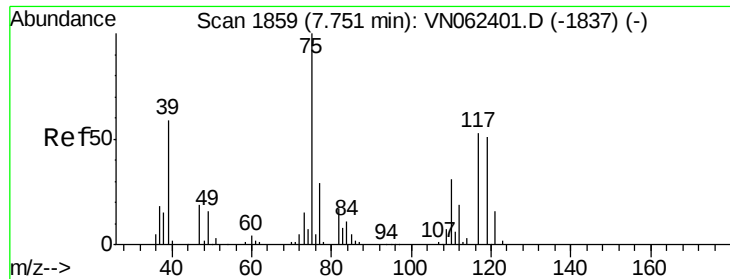
Tgt Ion:114 Resp: 377290
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 17.2 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 50.660 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Tgt Ion:113 Resp: 118147
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.1 124.7
 192 17.7 14.1 21.1

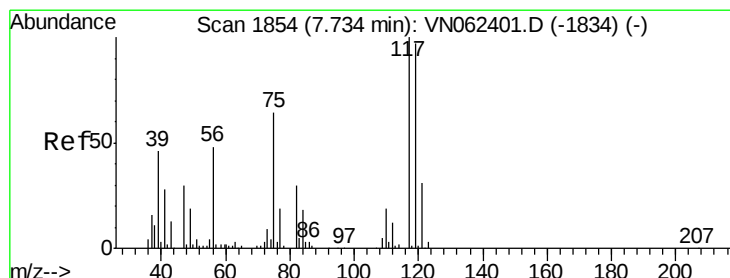
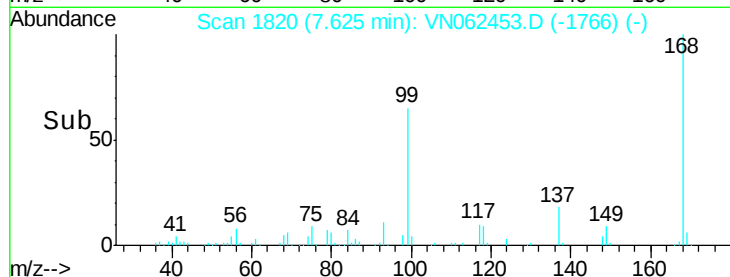
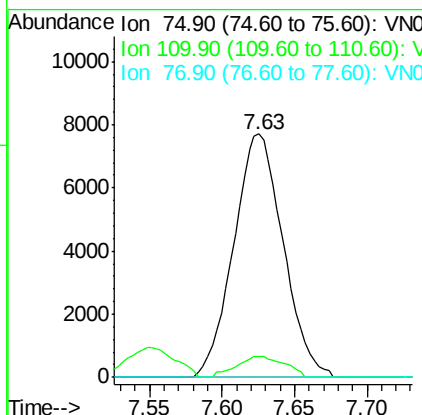
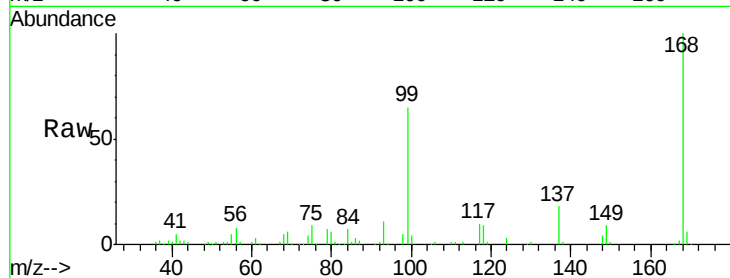




#36
 1,1-Dichloropropene
 Concen: 4.804 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

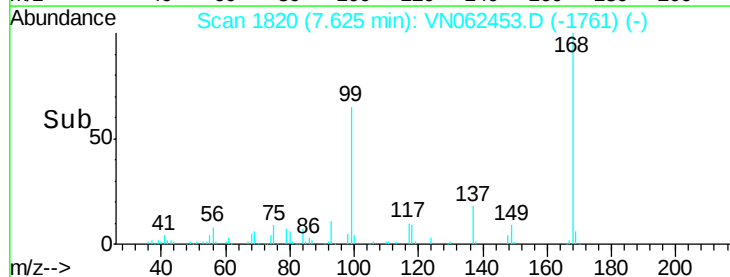
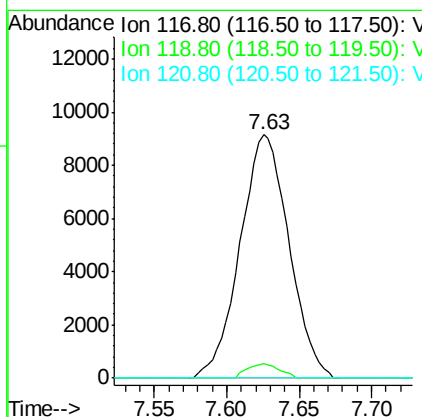
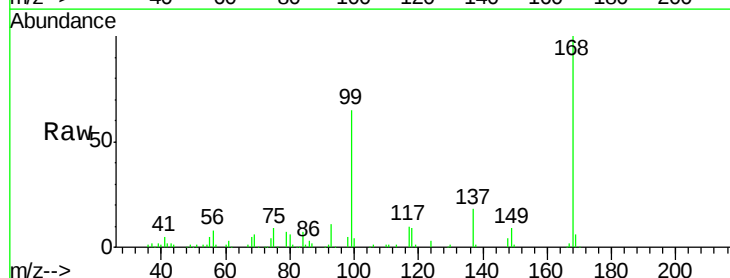
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6DL

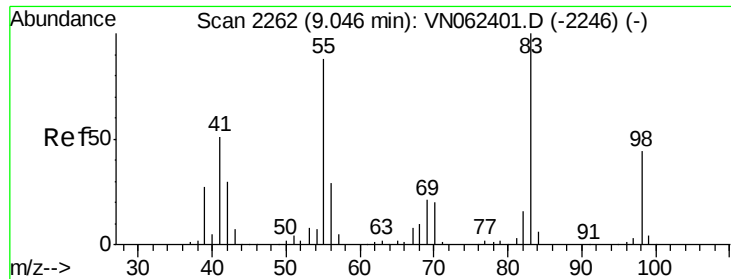
Tgt Ion: 75 Resp: 18259
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.4 46.2#
 77 0.0 24.1 36.1#



#38
 Carbon Tetrachloride
 Concen: 6.271 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Tgt Ion: 117 Resp: 21429
 Ion Ratio Lower Upper
 117 100
 119 5.9 77.2 115.8#
 121 0.0 24.8 37.2#

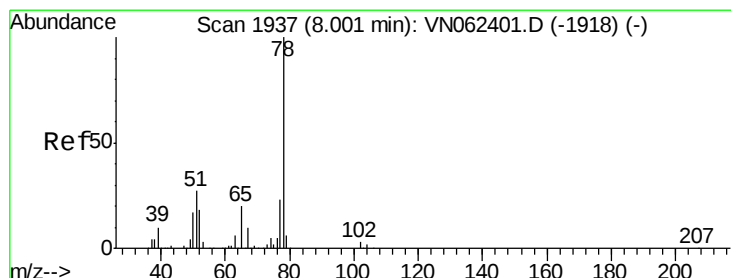
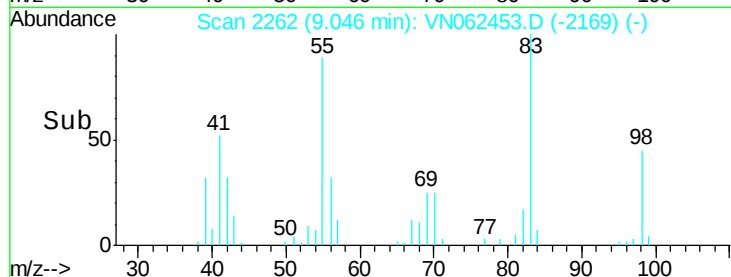
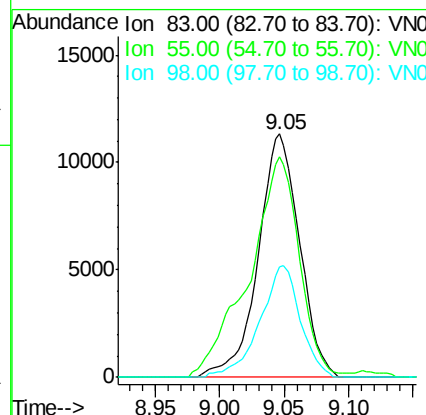
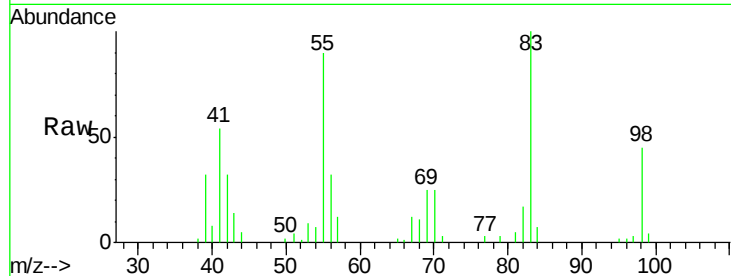




#39
Methylcyclohexane
Concen: 6.219 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

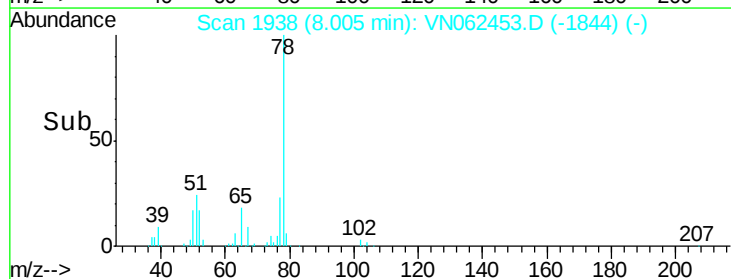
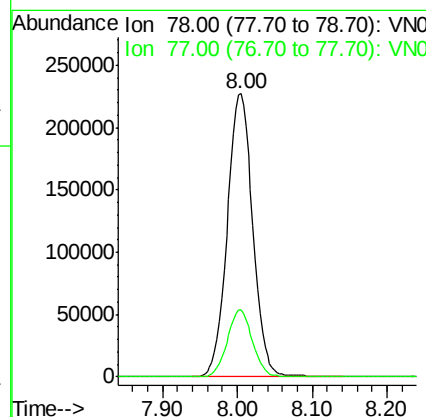
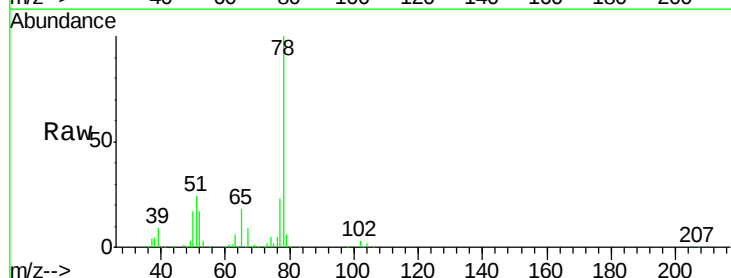
Instrument :
MSVOA_N
ClientSampled :
MW-6DL

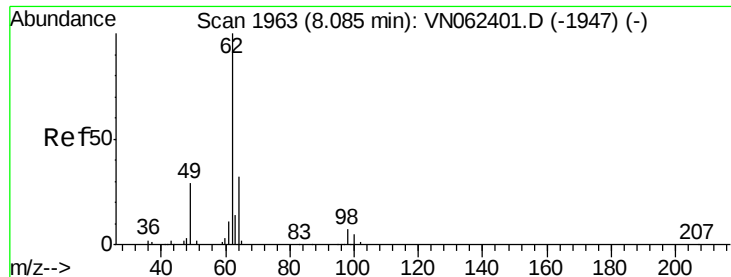
Tgt Ion: 83 Resp: 25238
Ion Ratio Lower Upper
83 100
55 88.6 70.5 105.7
98 45.3 35.5 53.3



#40
Benzene
Concen: 47.789 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Tgt Ion: 78 Resp: 535378
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1





#42

1,2-Dichloroethane

Concen: 1.239 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.09 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

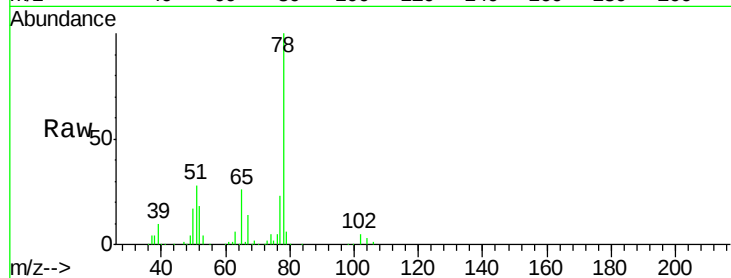
MW-6DL

Tgt Ion: 62 Resp: 5084

Ion Ratio Lower Upper

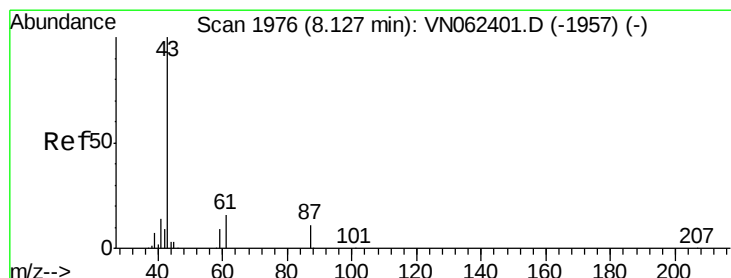
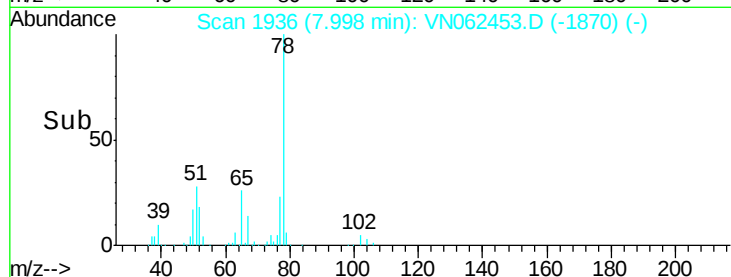
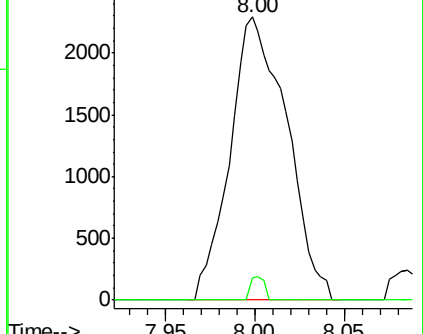
62 100

98 2.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 0.643 ug/l

RT: 8.10 min Scan# 1969

Delta R.T. -0.02 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

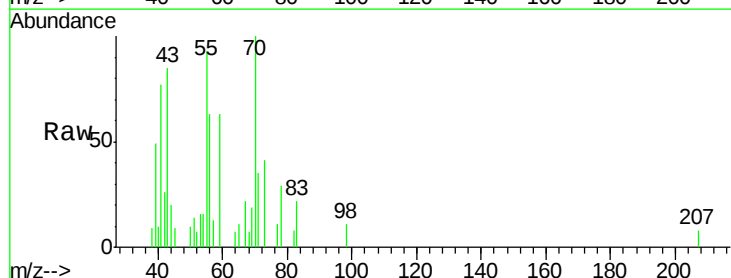
Tgt Ion: 43 Resp: 4518

Ion Ratio Lower Upper

43 100

61 0.0 19.3 28.9#

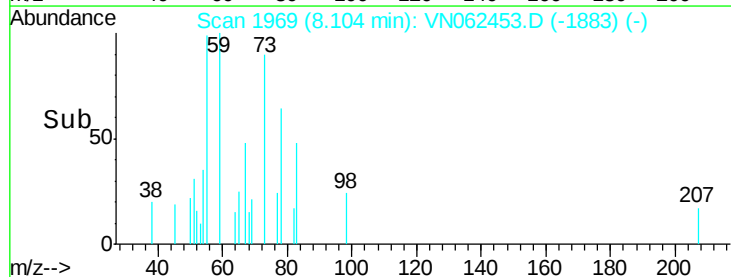
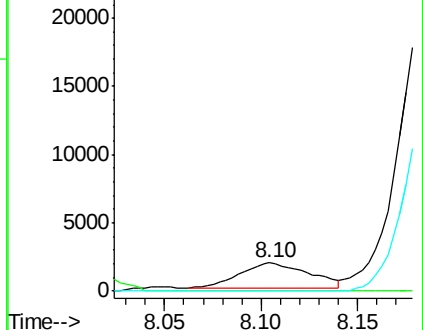
87 0.0 8.6 13.0#

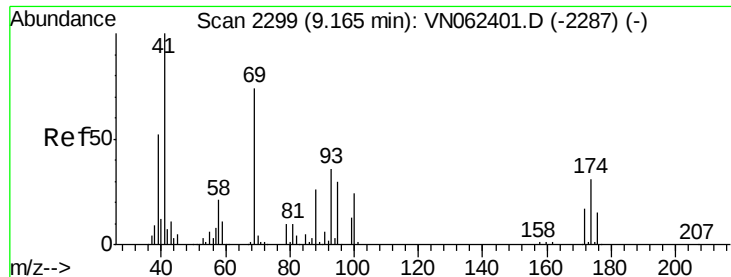


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

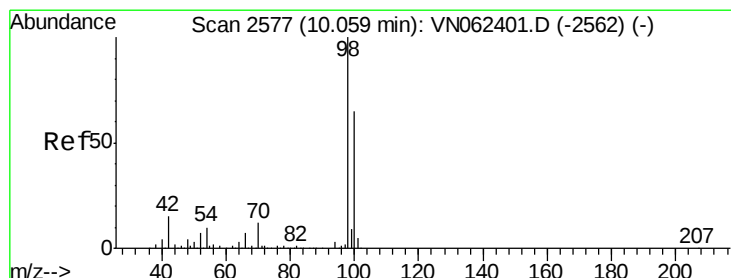
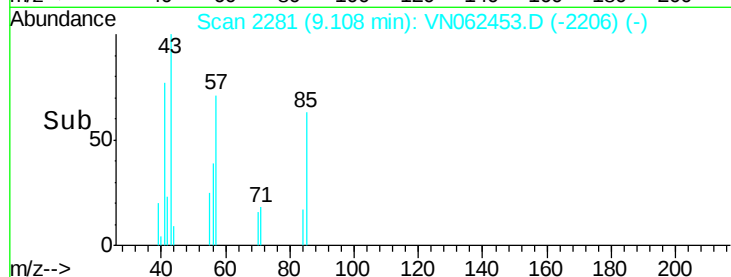
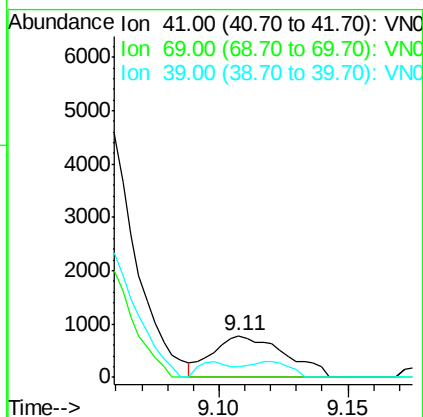
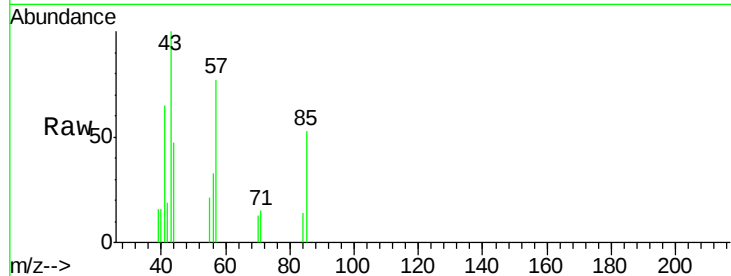




#48
Methyl methacrylate
Concen: 0.441 ug/l
RT: 9.11 min Scan# 2281
Delta R.T. -0.06 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

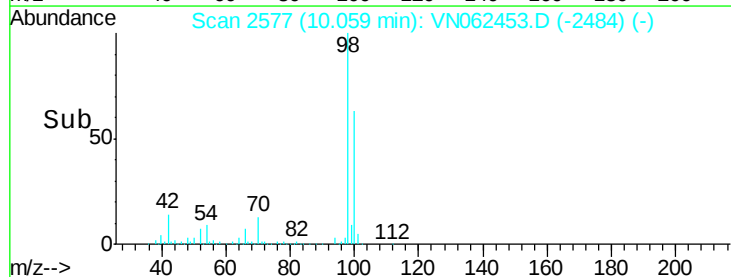
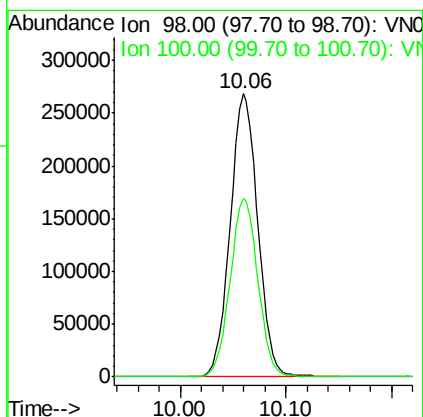
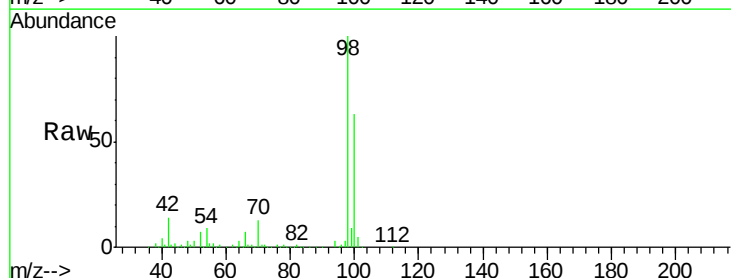
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

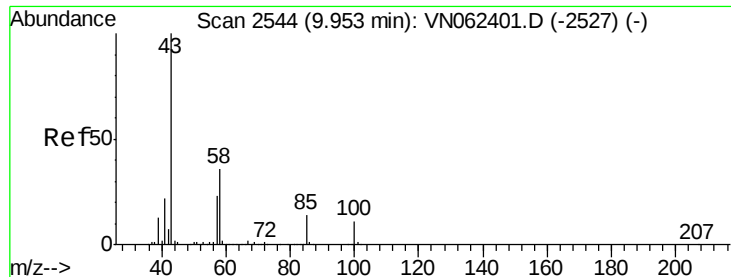
Tgt Ion: 41 Resp: 1518
Ion Ratio Lower Upper
41 100
69 0.0 60.8 91.2#
39 21.4 43.5 65.3#



#50
Toluene-d8
Concen: 52.702 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Tgt Ion: 98 Resp: 485214
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.778 ug/l

RT: 9.91 min Scan# 2531

Delta R.T. -0.04 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

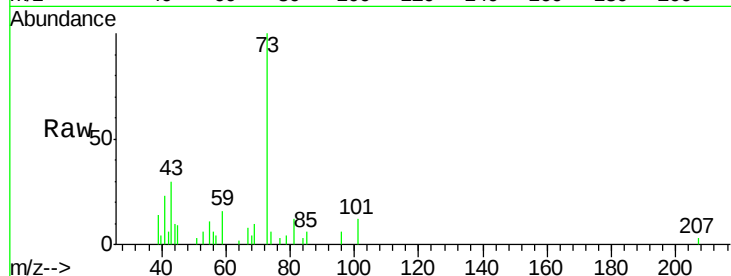
MW-6DL

Tgt Ion: 43 Resp: 3263

Ion Ratio Lower Upper

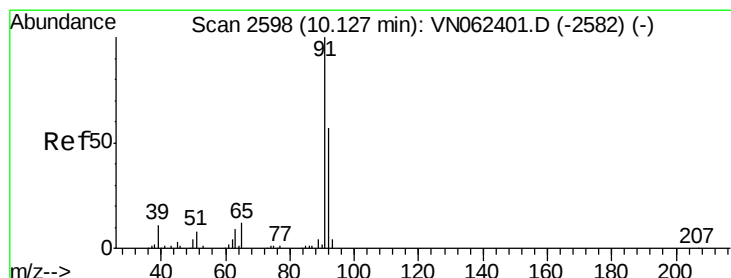
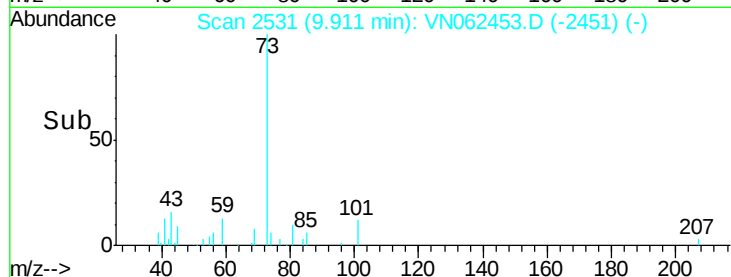
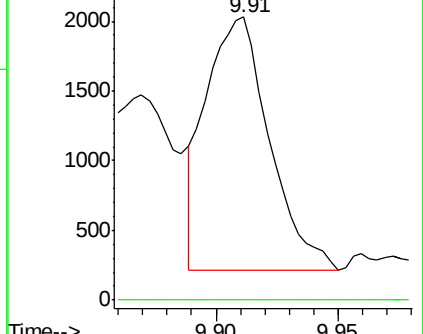
43 100

58 0.0 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.524 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062453.D

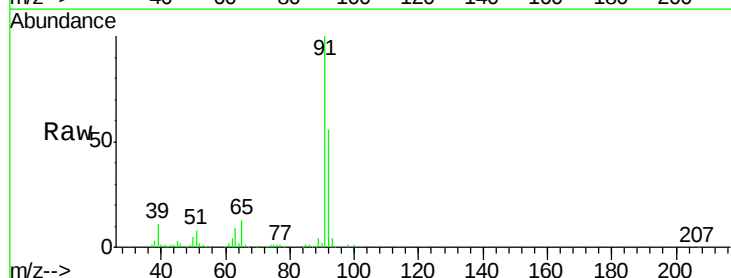
Acq: 9 Jul 2020 13:29

Tgt Ion: 92 Resp: 132811

Ion Ratio Lower Upper

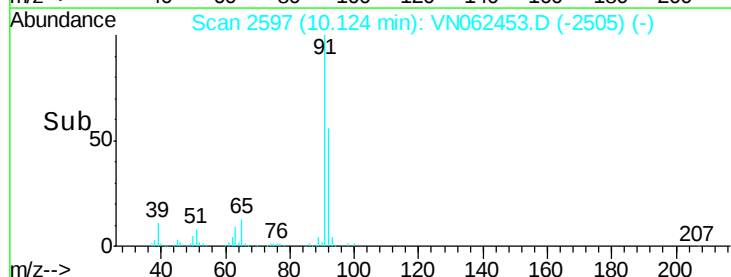
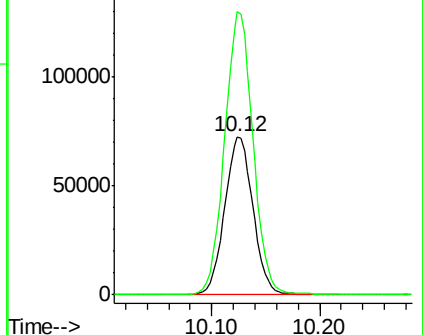
92 100

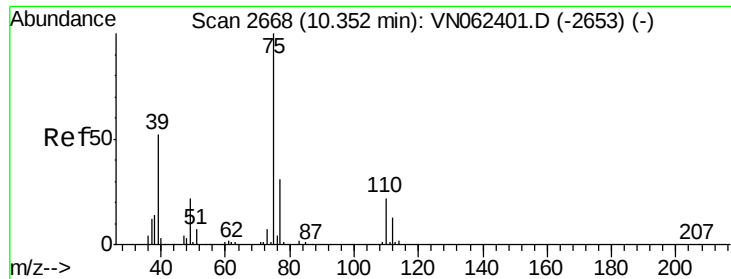
91 179.5 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 0.352 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.23 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

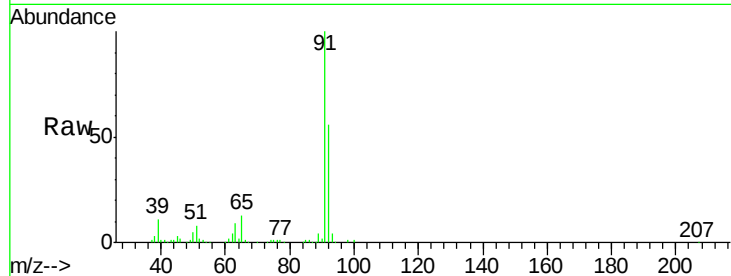
MW-6DL

Tgt Ion: 75 Resp: 1546

Ion Ratio Lower Upper

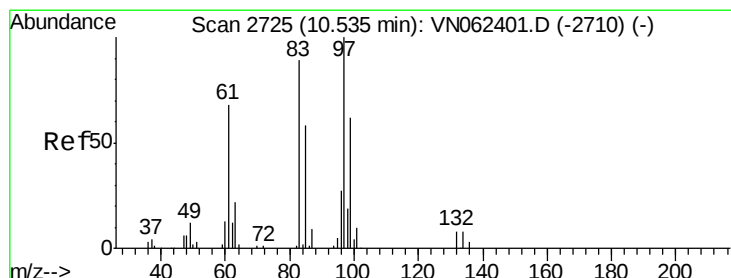
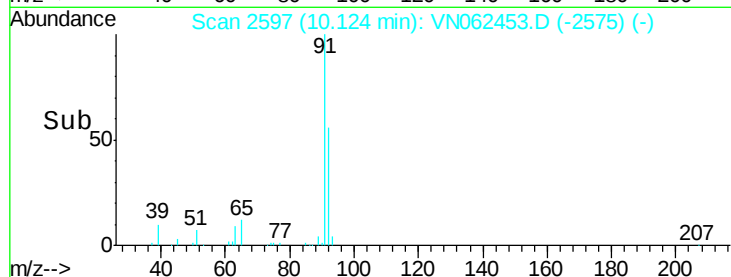
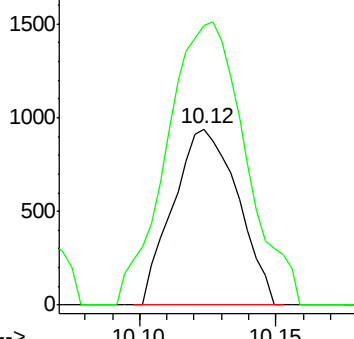
75 100

77 133.1 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#55

1,1,2-Trichloroethane

Concen: 1.418 ug/l

RT: 10.50 min Scan# 2715

Delta R.T. -0.03 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Tgt Ion: 97 Resp: 3608

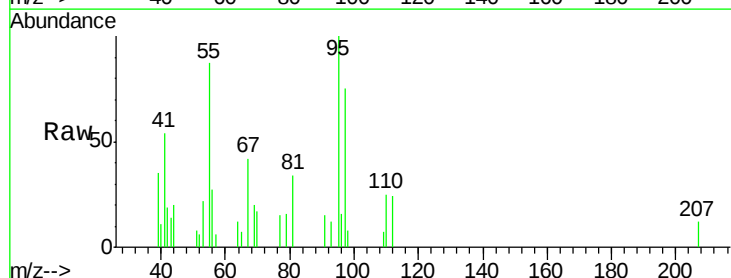
Ion Ratio Lower Upper

97 100

83 0.0 71.0 106.4#

85 0.0 46.2 69.4#

99 0.0 49.7 74.5#

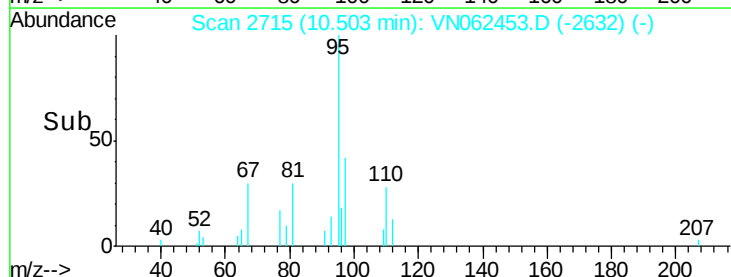
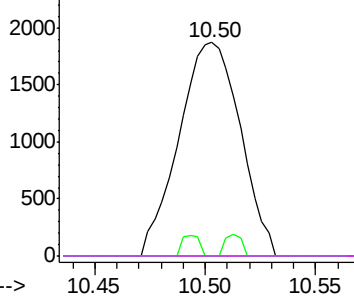


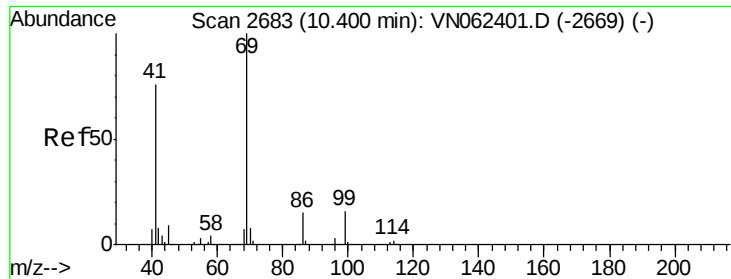
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0





#56

Ethyl methacrylate

Concen: 1.905 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampled :

MW-6DL

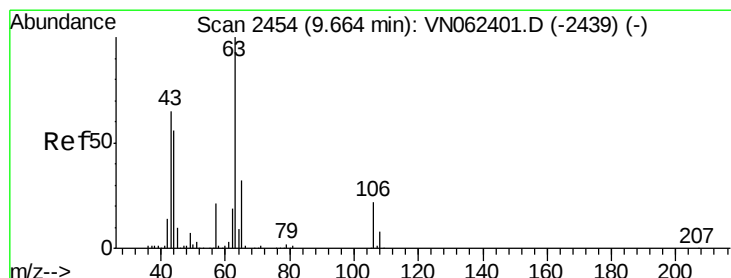
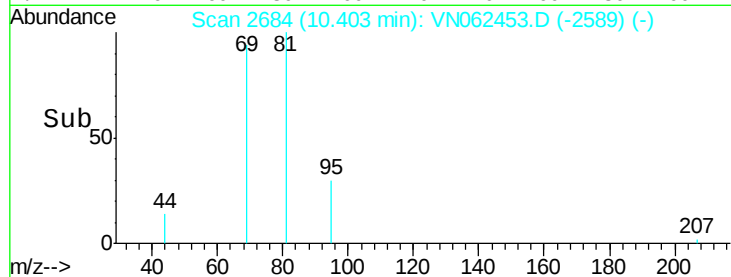
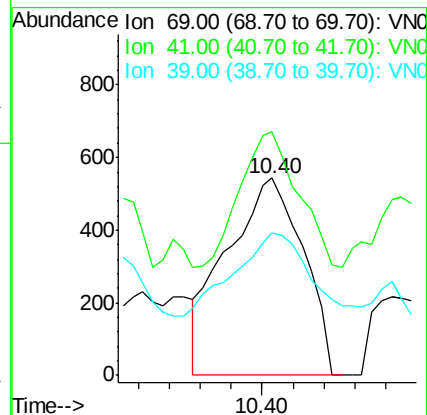
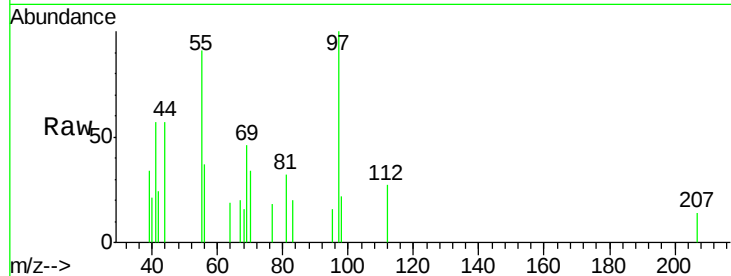
Tgt Ion: 69 Resp: 937

Ion Ratio Lower Upper

69 100

41 59.4 59.7 89.5#

39 0.0 30.6 45.8#



#58

2-Chloroethyl Vinyl ether

Concen: 0.291 ug/l

RT: 9.58 min Scan# 2427

Delta R.T. -0.09 min

Lab File: VN062453.D

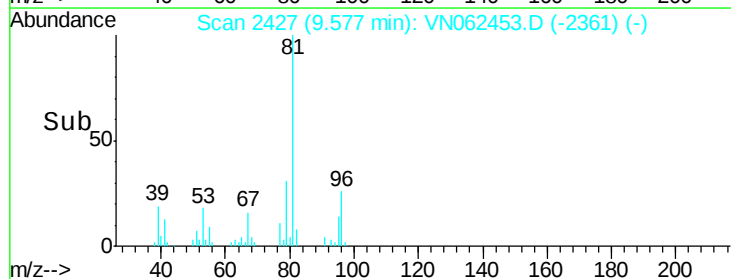
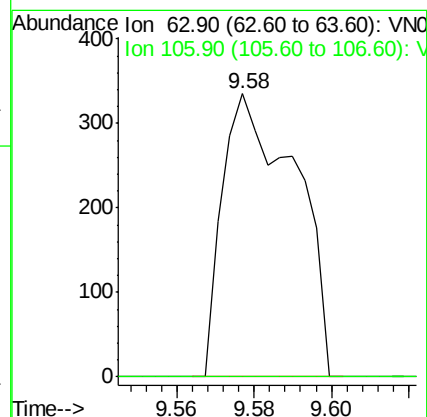
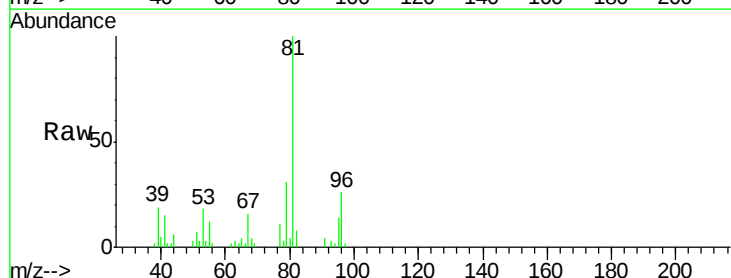
Acq: 9 Jul 2020 13:29

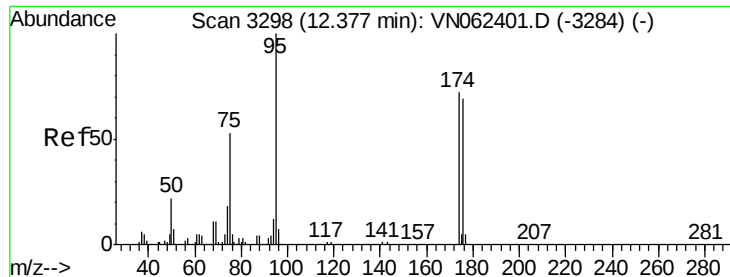
Tgt Ion: 63 Resp: 439

Ion Ratio Lower Upper

63 100

106 0.0 17.6 26.4#





#62

4-Bromofluorobenzene

Concen: 55.070 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

MW-6DL

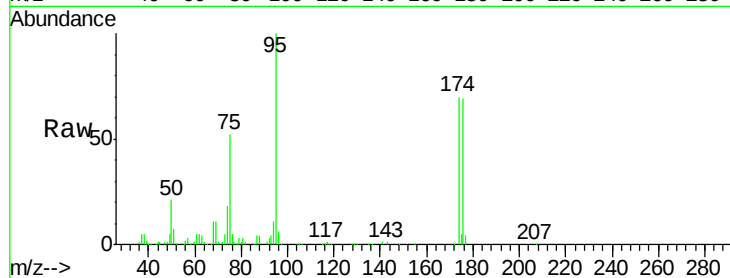
Tgt Ion: 95 Resp: 185278

Ion Ratio Lower Upper

95 100

174 69.4 0.0 141.6

176 68.6 0.0 137.2

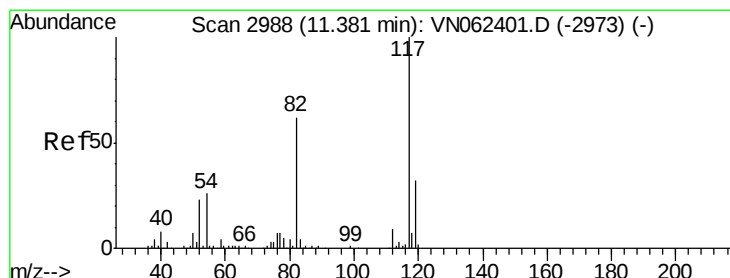
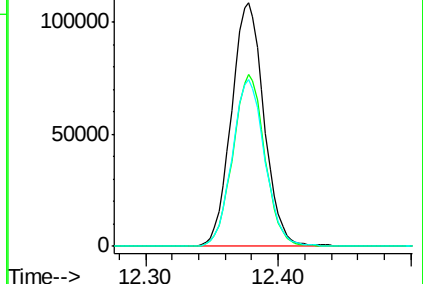
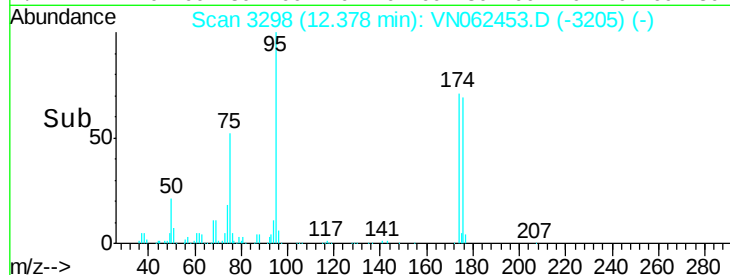


Abundance Ion 94.90 (94.60 to 95.60): VN062401.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062401.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062401.D (-3284) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

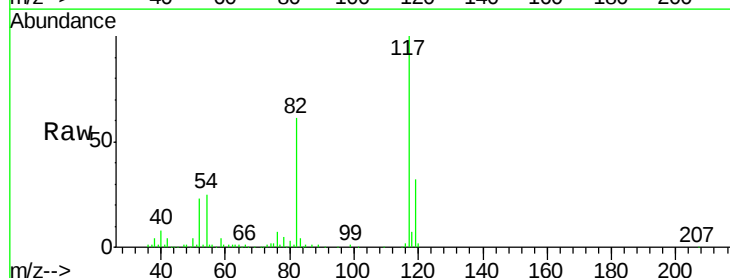
Tgt Ion: 117 Resp: 358894

Ion Ratio Lower Upper

117 100

82 61.4 49.6 74.4

119 31.7 25.4 38.0

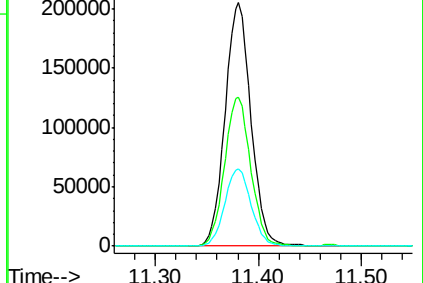
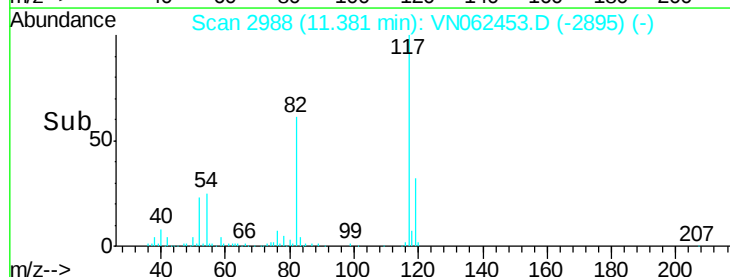


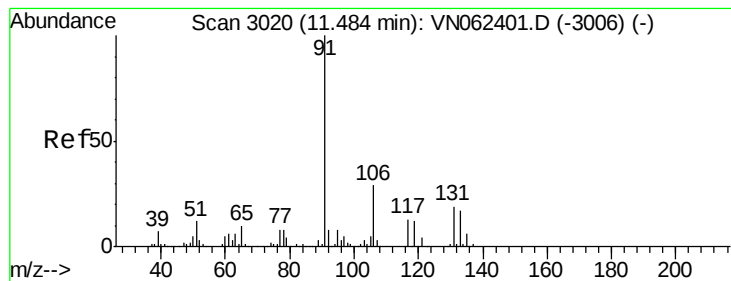
Abundance Ion 116.90 (116.60 to 117.60): VN062401.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN062401.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN062401.D (-2973) (-)

Time-->





#67

Ethyl Benzene

Concen: 24.711 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

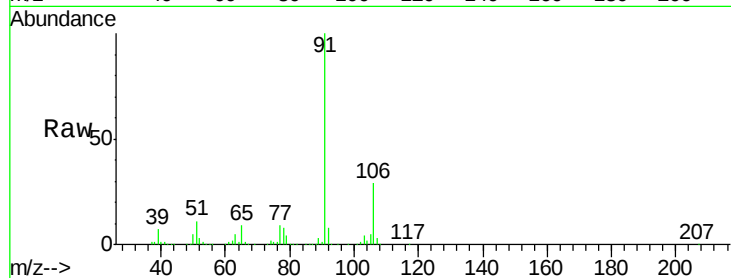
MW-6DL

Tgt Ion: 91 Resp: 323543

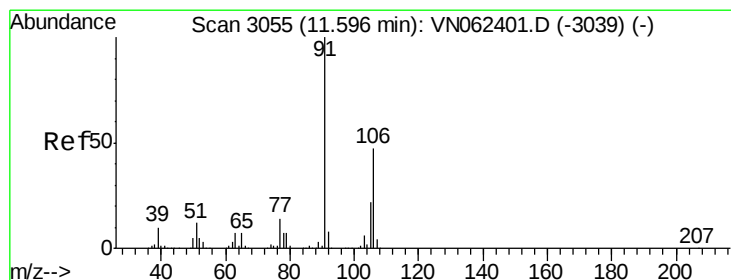
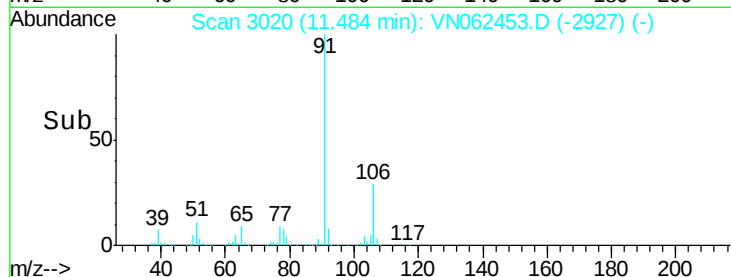
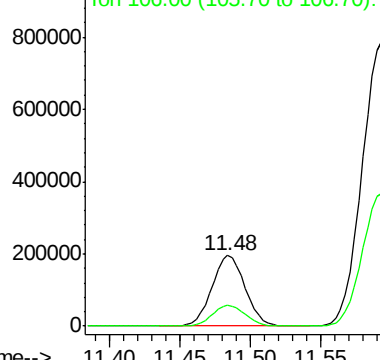
Ion Ratio Lower Upper

91 100

106 29.3 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3006) (-)



#68

m/p-Xylenes

Concen: 152.036 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062453.D

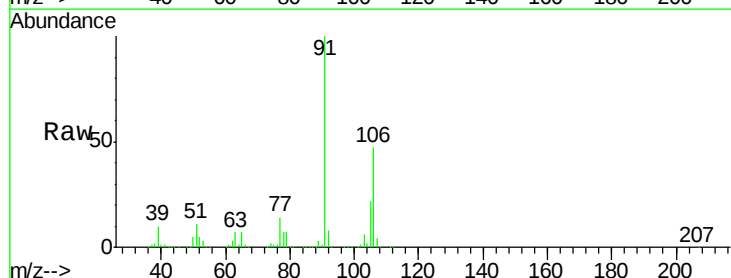
Acq: 9 Jul 2020 13:29

Tgt Ion: 106 Resp: 704694

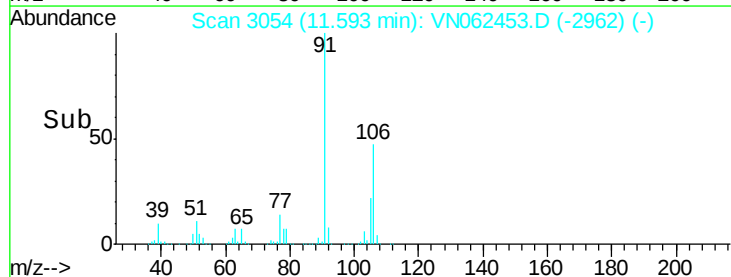
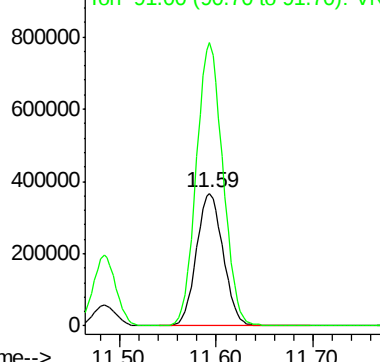
Ion Ratio Lower Upper

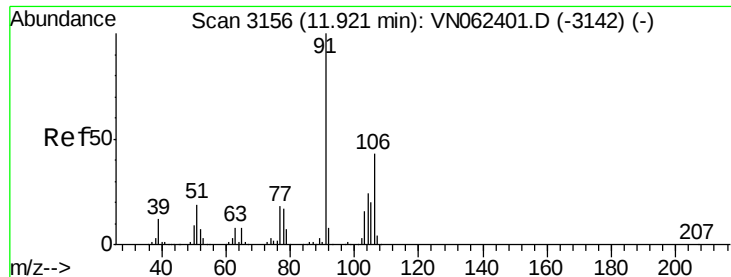
106 100

91 212.1 172.4 258.6



Abundance Ion 106.00 (105.70 to 106.70): VN062401.D (-3039) (-)

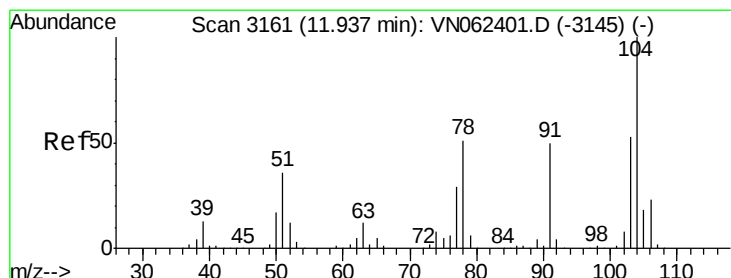
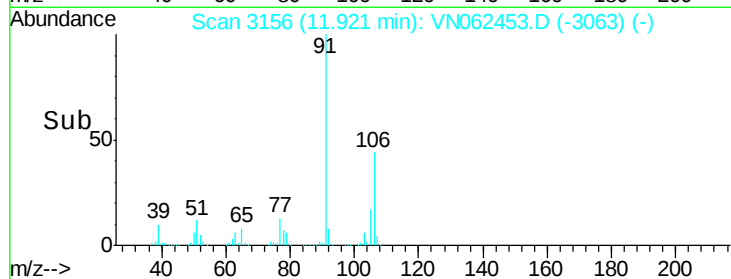
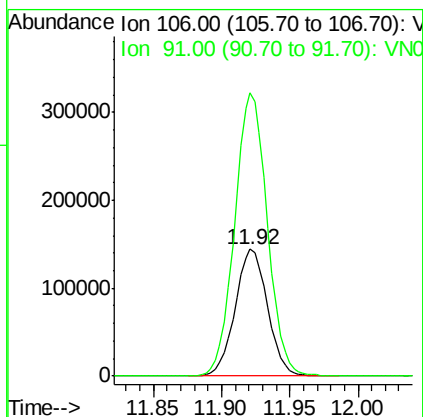
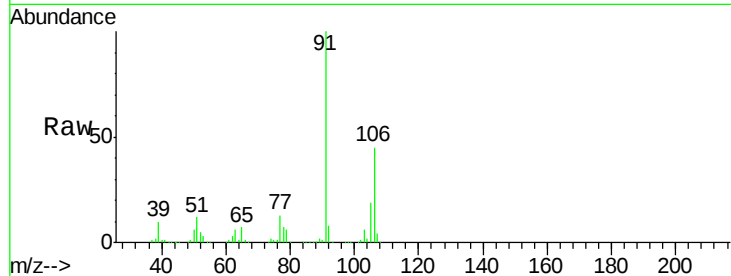




#69
o-Xylene
Concen: 52.547 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

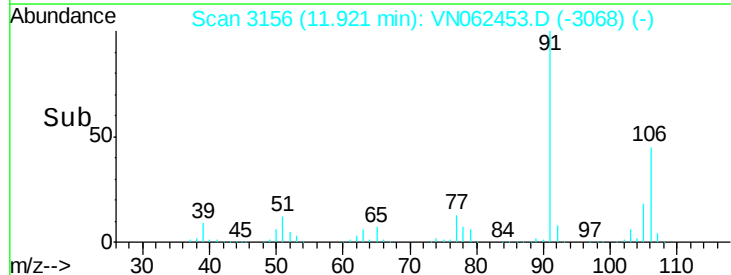
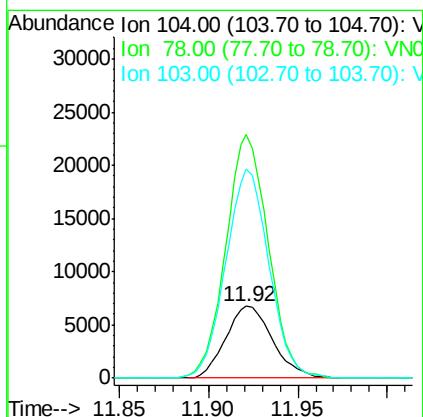
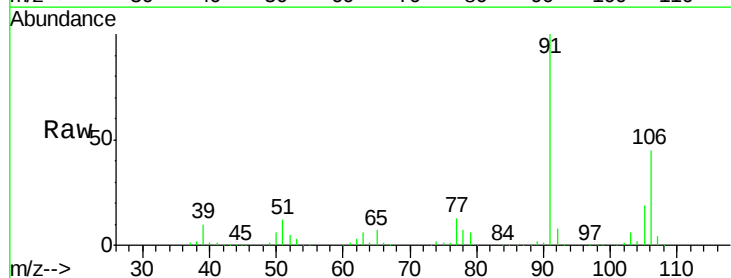
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

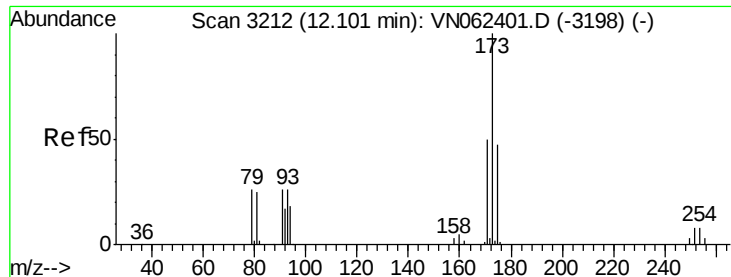
Tgt Ion:106 Resp: 237139
Ion Ratio Lower Upper
106 100
91 225.0 113.8 341.4



#70
Styrene
Concen: 1.652 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.02 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Tgt Ion:104 Resp: 12319
Ion Ratio Lower Upper
104 100
78 306.1 44.2 66.4#
103 268.4 44.4 66.6#





#71

Bromoform

Concen: 0.288 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.27 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampled :

MW-6DL

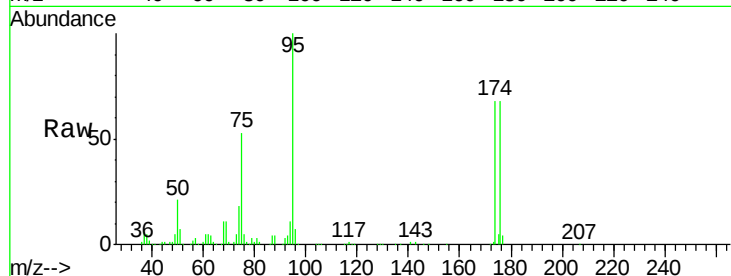
Tgt Ion:173 Resp: 543

Ion Ratio Lower Upper

173 100

175 1388.0 23.7 71.1#

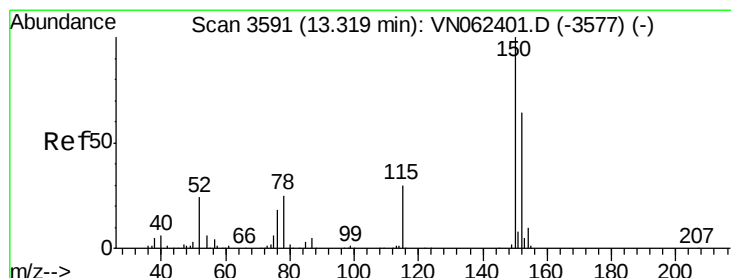
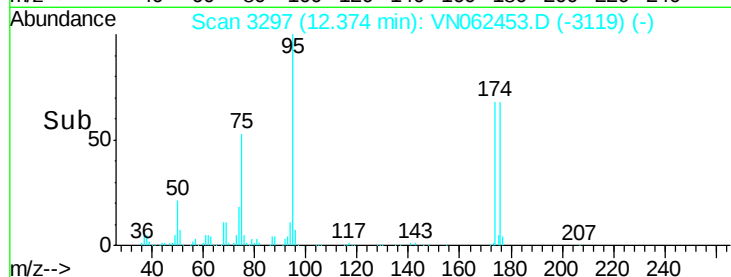
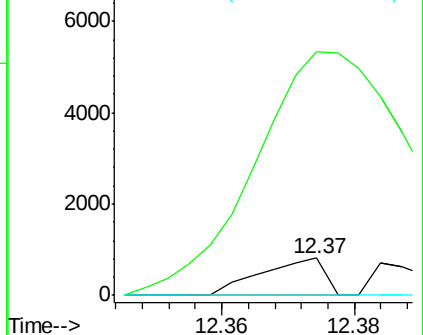
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

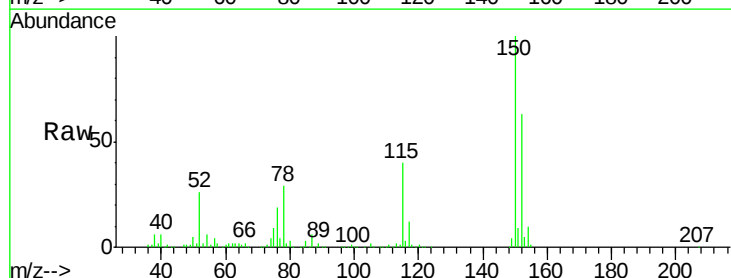
Tgt Ion:152 Resp: 147356

Ion Ratio Lower Upper

152 100

115 67.5 31.4 94.2

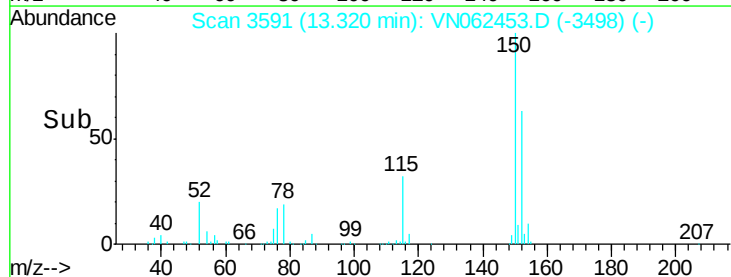
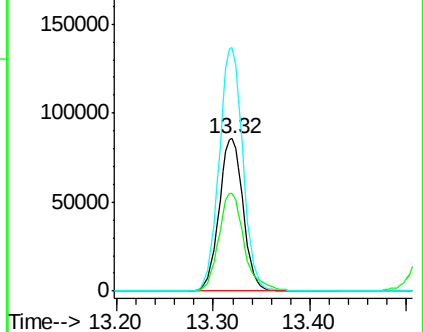
150 158.2 0.0 347.4

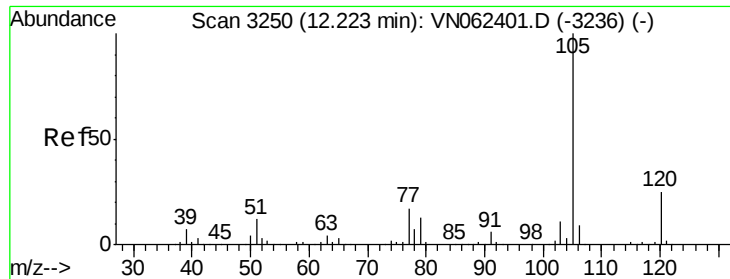


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.600 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

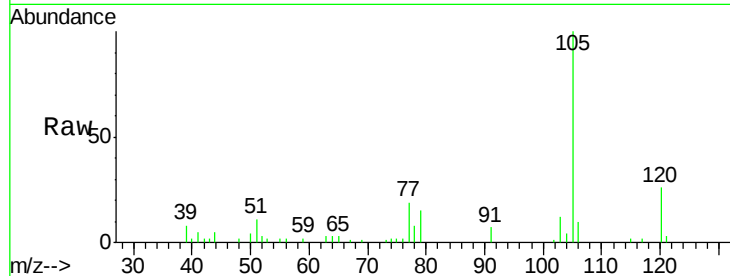
MW-6DL

Tgt Ion:105 Resp: 18243

Ion Ratio Lower Upper

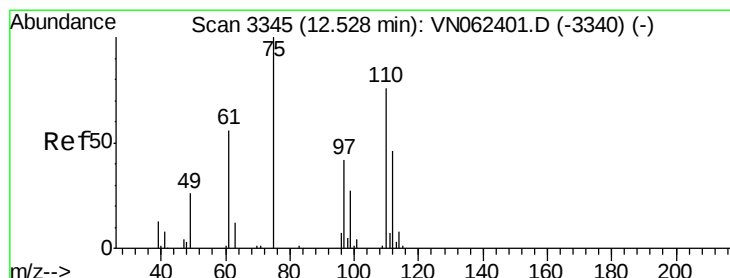
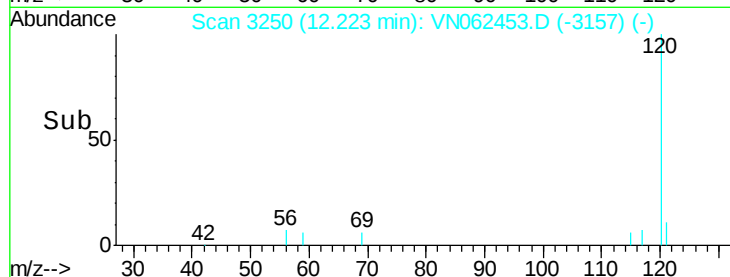
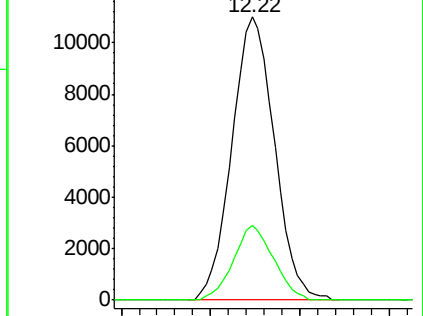
105 100

120 24.8 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: 27.116 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN062453.D

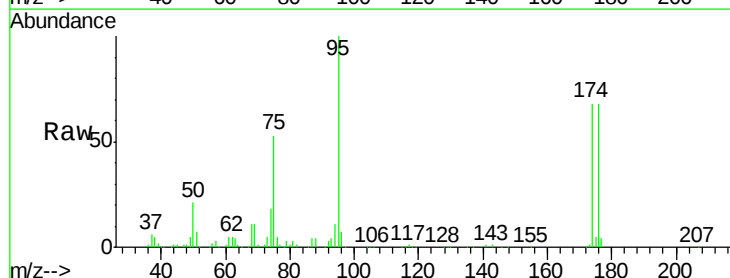
Acq: 9 Jul 2020 13:29

Tgt Ion: 75 Resp: 98042

Ion Ratio Lower Upper

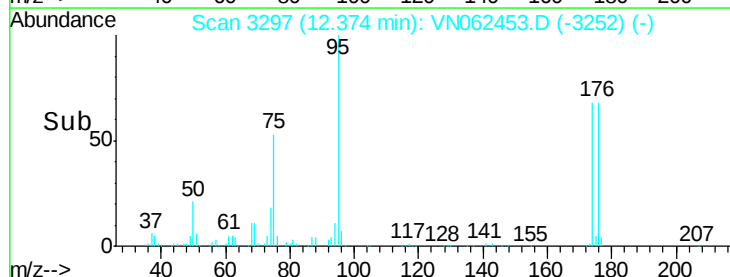
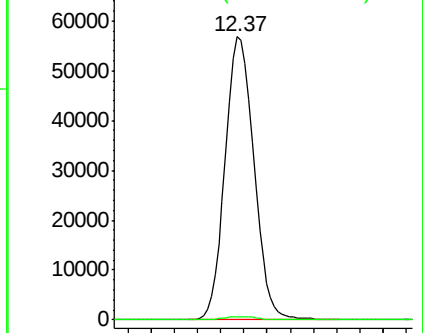
75 100

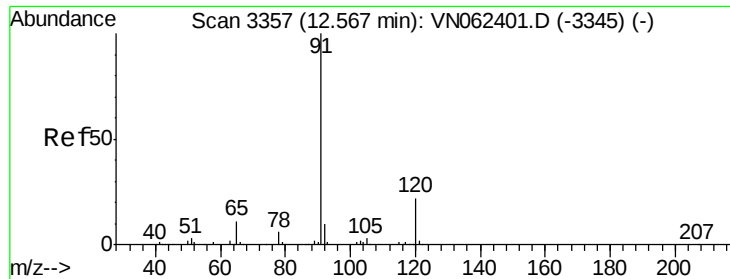
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

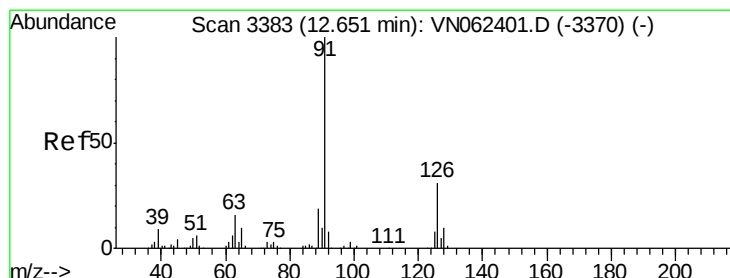
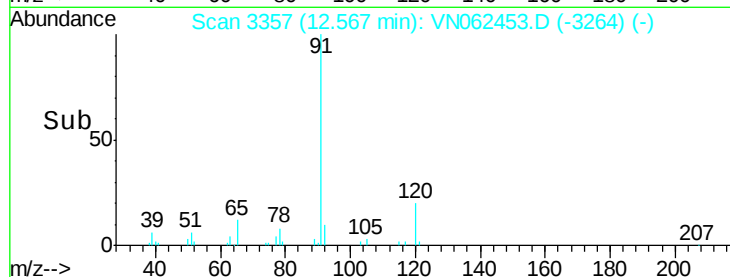
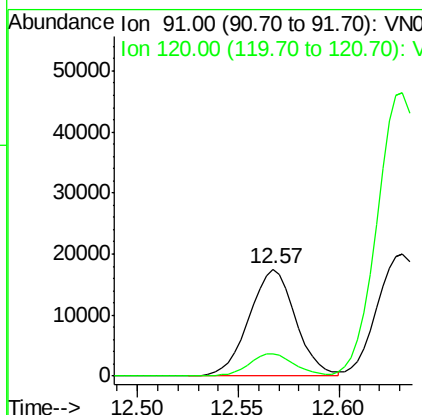
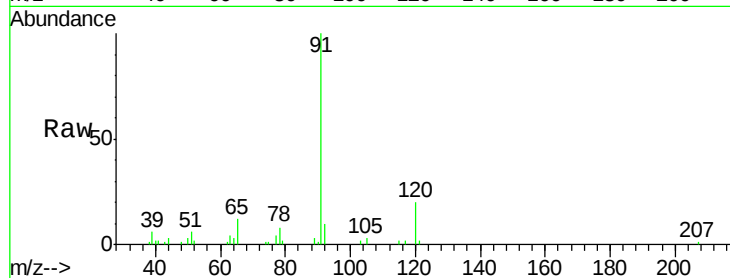




#78
n-propylbenzene
Concen: 2.119 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

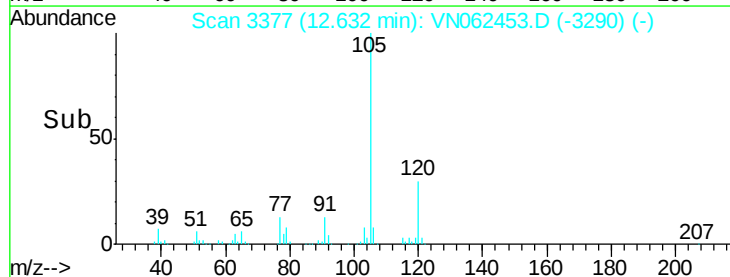
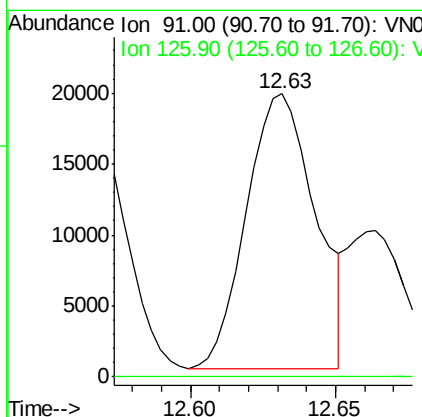
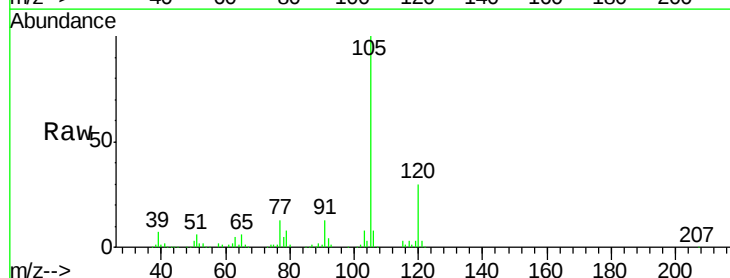
Instrument :
MSVOA_N
ClientSampled :
MW-6DL

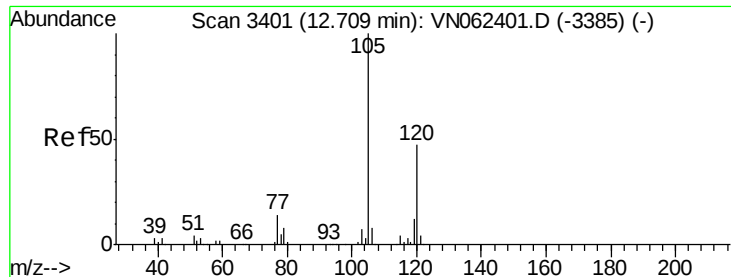
Tgt Ion: 91 Resp: 28226
Ion Ratio Lower Upper
91 100
120 20.4 10.7 32.1



#79
2-Chlorotoluene
Concen: 3.954 ug/l
RT: 12.63 min Scan# 3377
Delta R.T. -0.02 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Tgt Ion: 91 Resp: 31963
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#

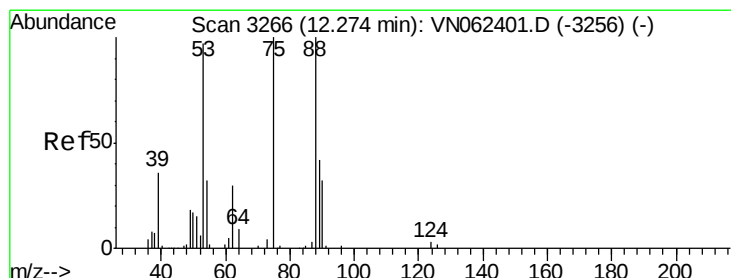
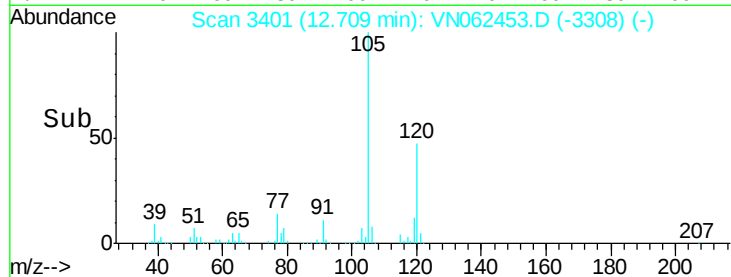
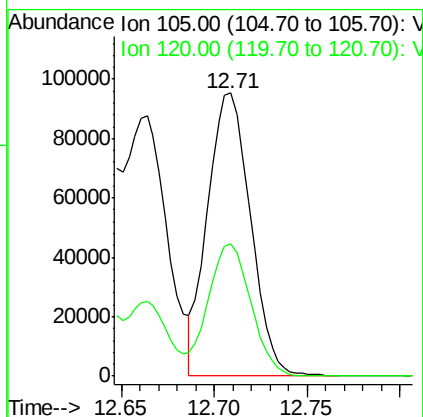
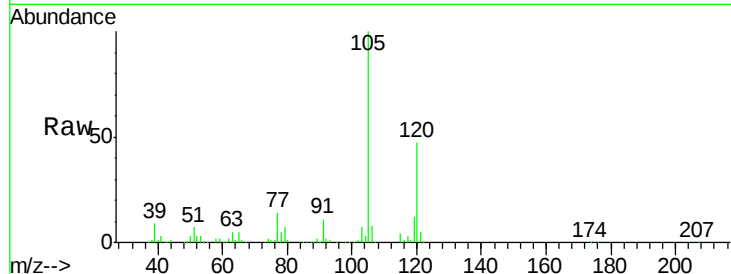




#80
 1,3,5-Trimethylbenzene
 Concen: 16.297 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

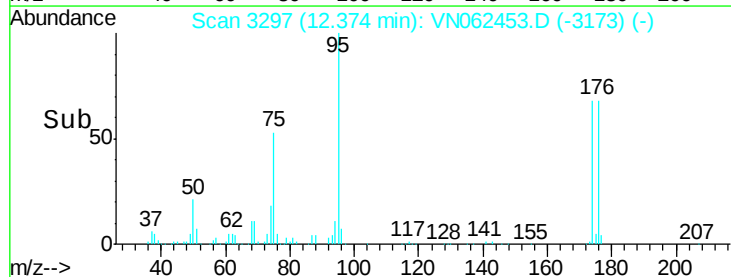
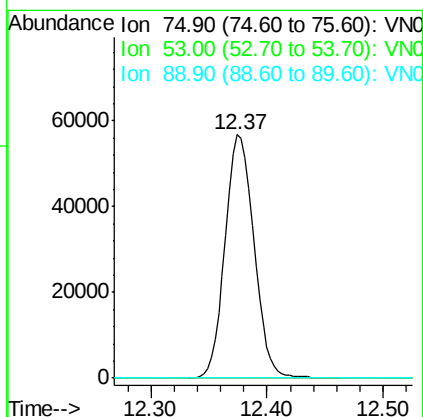
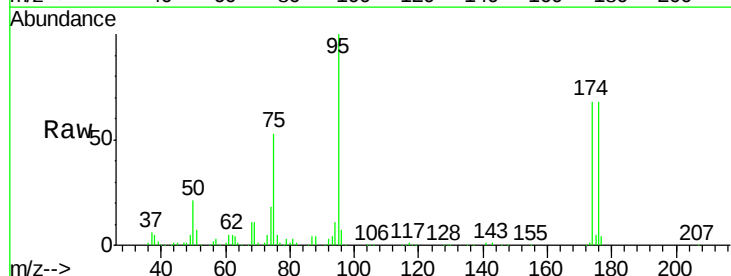
Instrument :
 MSVOA_N
 ClientSampled :
 MW-6DL

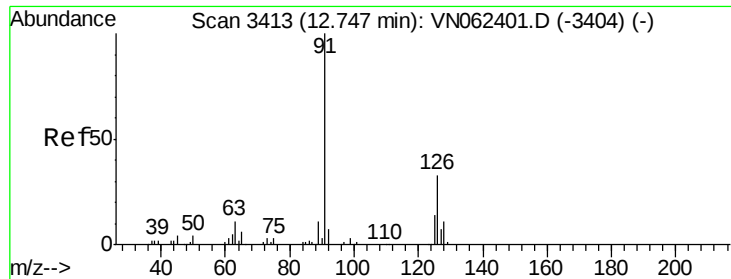
Tgt Ion:105 Resp: 152336
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.579 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.10 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Tgt Ion: 75 Resp: 98042
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.2 118.8#
 89 0.0 34.6 52.0#





#82

4-Chlorotoluene

Concen: 2.065 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.04 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampleId :

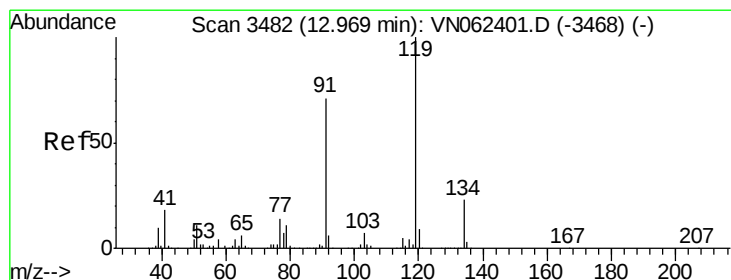
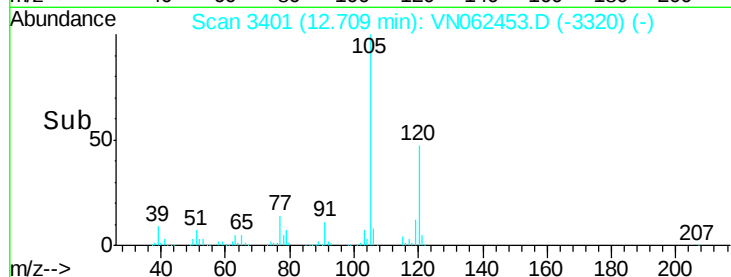
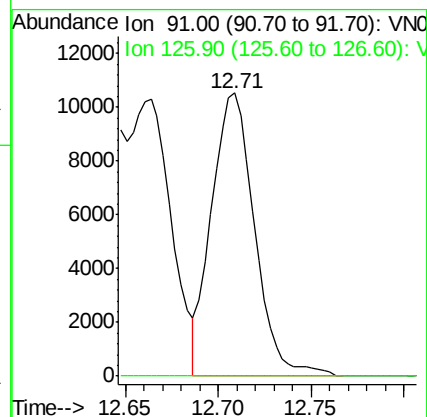
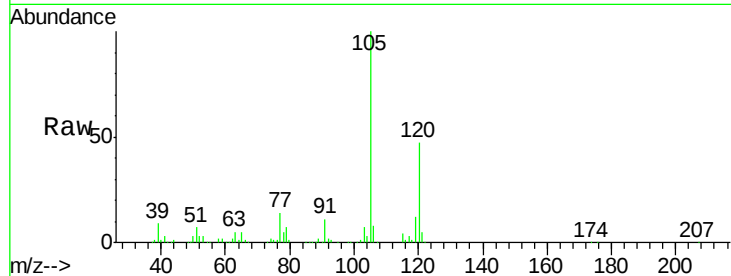
MW-6DL

Tgt Ion: 91 Resp: 16947

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



#83

tert-Butylbenzene

Concen: 8.582 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. 0.05 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

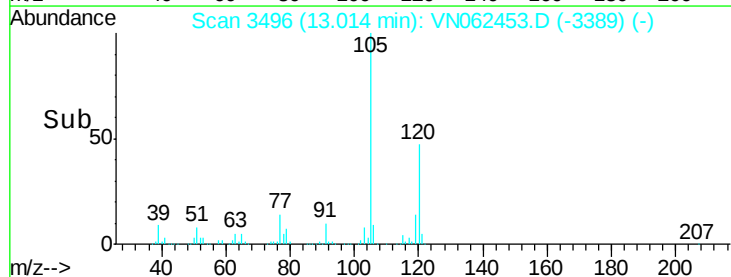
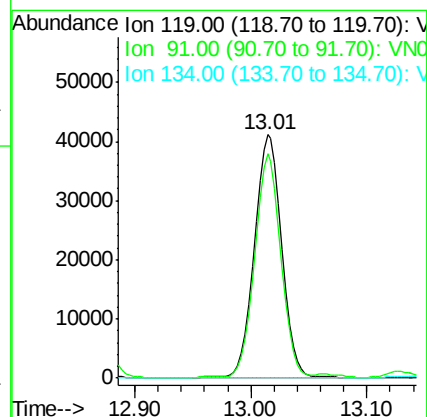
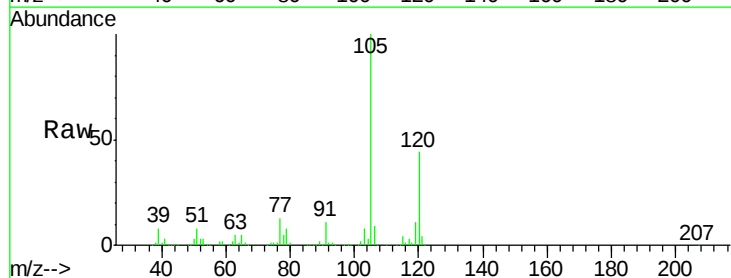
Tgt Ion: 119 Resp: 68076

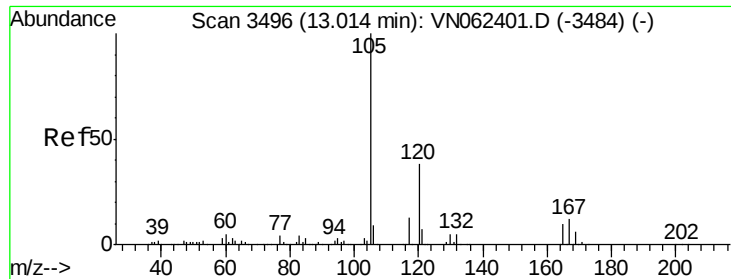
Ion Ratio Lower Upper

119 100

91 89.1 34.8 104.3

134 0.0 11.7 35.0#

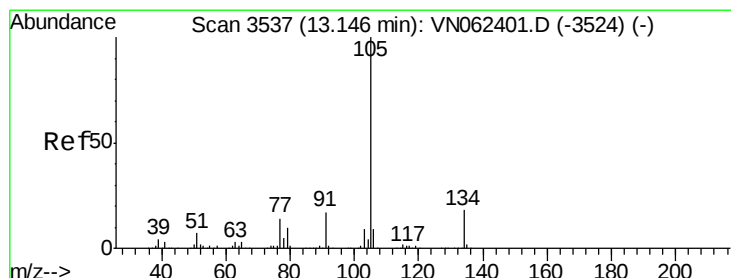
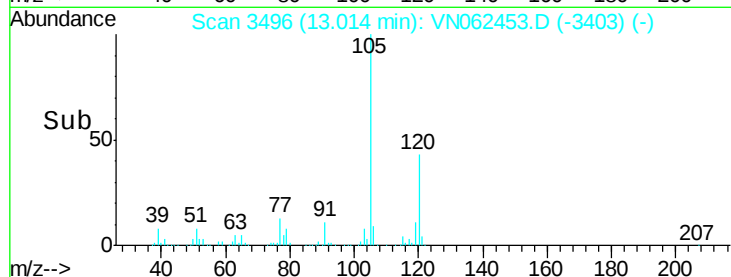
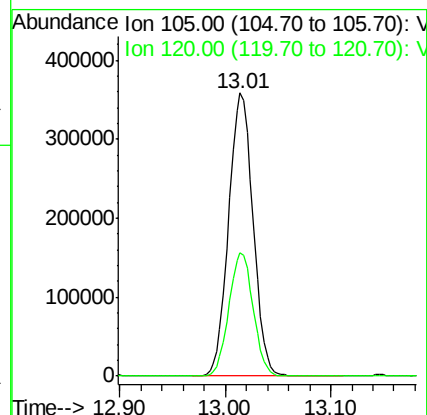
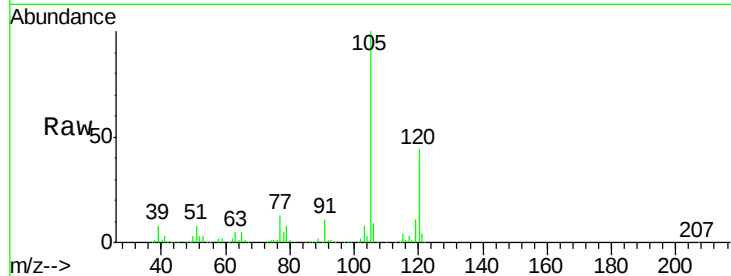




#84
 1,2,4-Trimethylbenzene
 Concen: 61.787 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

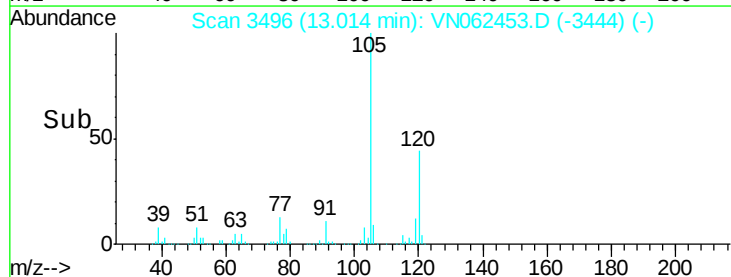
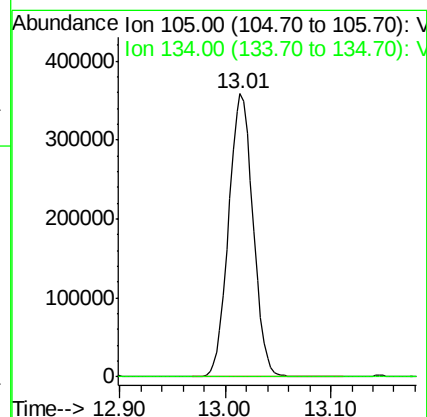
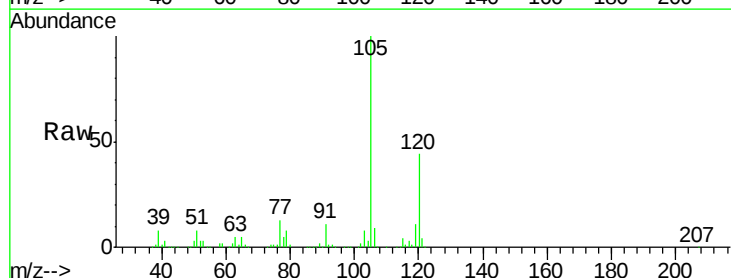
Instrument :
 MSVOA_N
 ClientSampled :
 MW-6DL

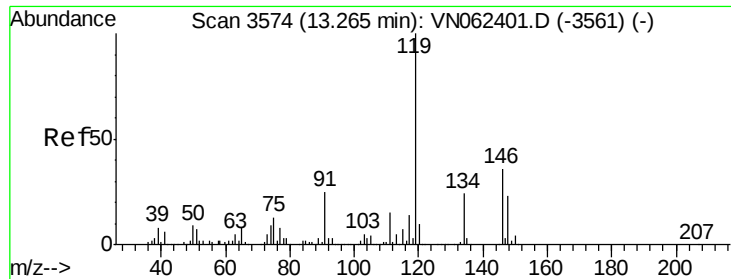
Tgt Ion:105 Resp: 574086
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.6 64.8



#85
 sec-Butylbenzene
 Concen: 54.614 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.13 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Tgt Ion:105 Resp: 574086
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 28.0#

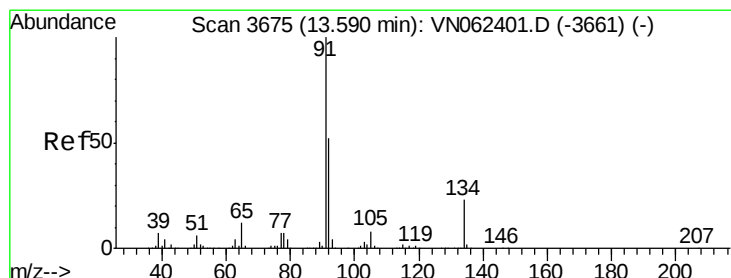
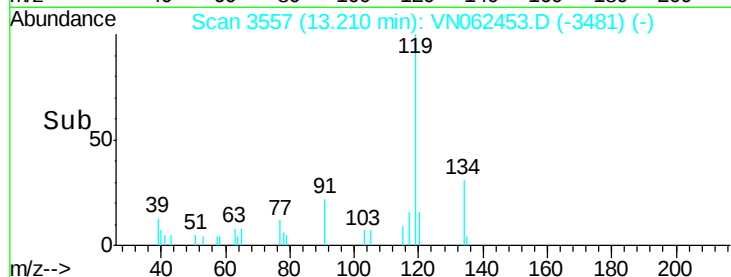
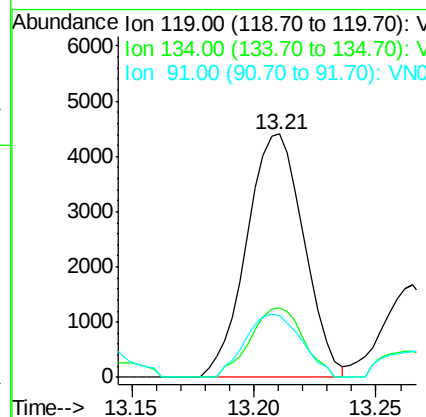
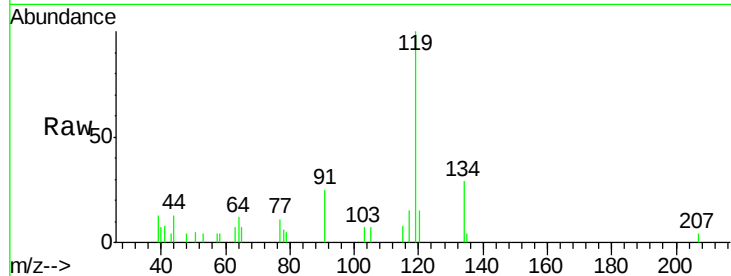




#86
 p-Isopropyltoluene
 Concen: 0.790 ug/l
 RT: 13.21 min Scan# 3557
 Delta R.T. -0.05 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

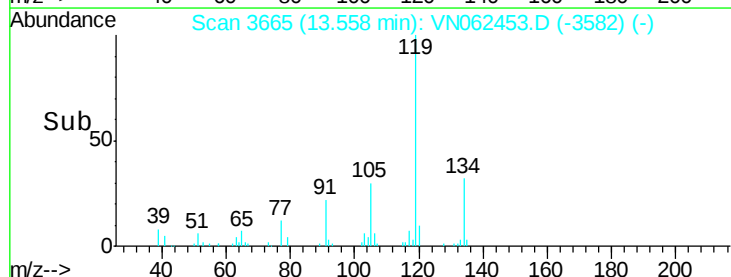
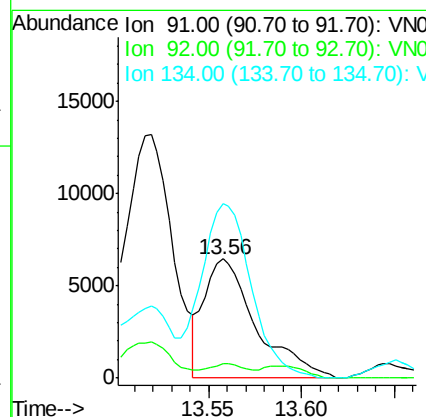
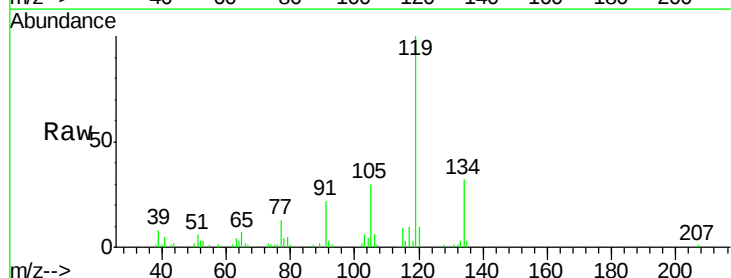
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6DL

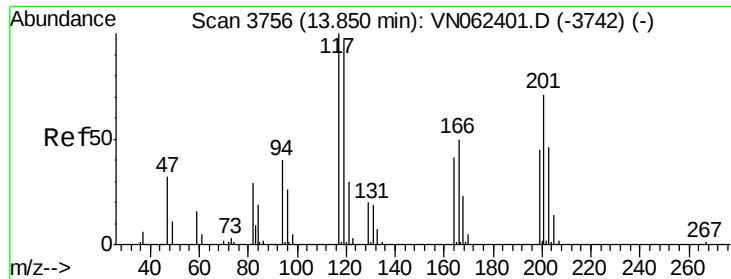
Tgt Ion: 119 Resp: 7169
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.4 37.0
 91 25.4 12.4 37.4



#89
 n-Butylbenzene
 Concen: 1.573 ug/l
 RT: 13.56 min Scan# 3665
 Delta R.T. -0.03 min
 Lab File: VN062453.D
 Acq: 9 Jul 2020 13:29

Tgt Ion: 91 Resp: 12599
 Ion Ratio Lower Upper
 91 100
 92 8.5 25.9 77.7#
 134 140.6 11.6 34.8#





#90

Hexachloroethane

Concen: 3.355 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

Instrument :

MSVOA_N

ClientSampled :

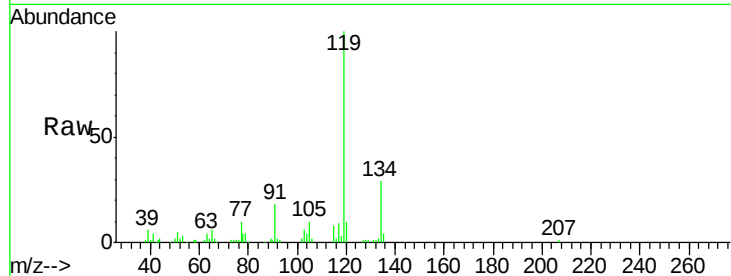
MW-6DL

Tgt Ion:117 Resp: 5988

Ion Ratio Lower Upper

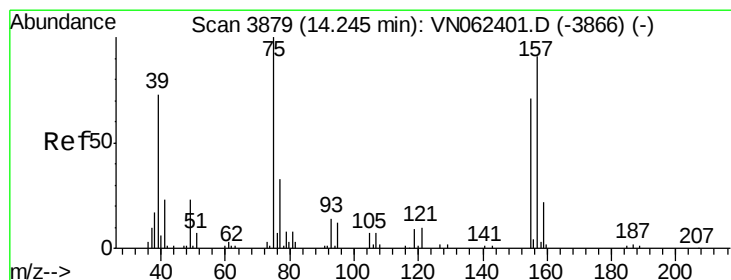
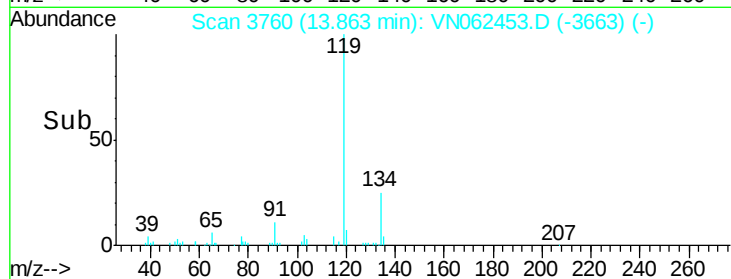
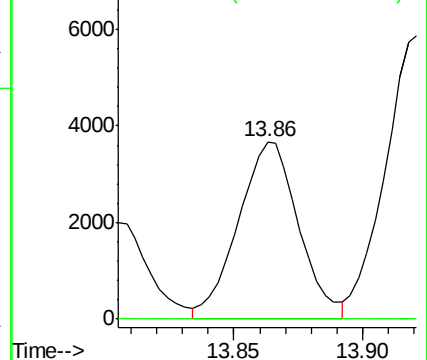
117 100

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: 0.555 ug/l

RT: 14.22 min Scan# 3872

Delta R.T. -0.02 min

Lab File: VN062453.D

Acq: 9 Jul 2020 13:29

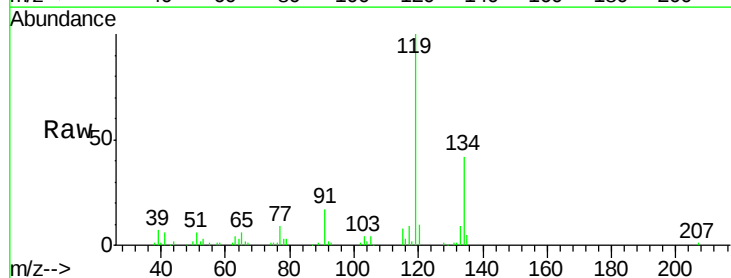
Tgt Ion: 75 Resp: 388

Ion Ratio Lower Upper

75 100

155 0.0 35.2 105.6#

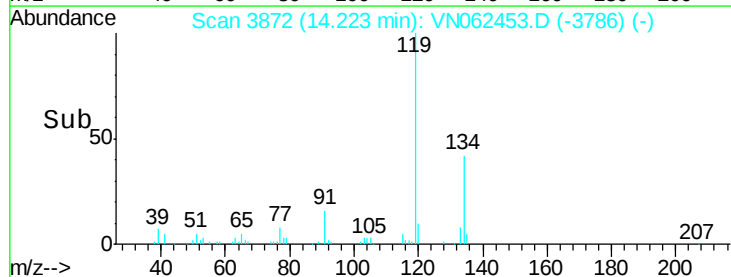
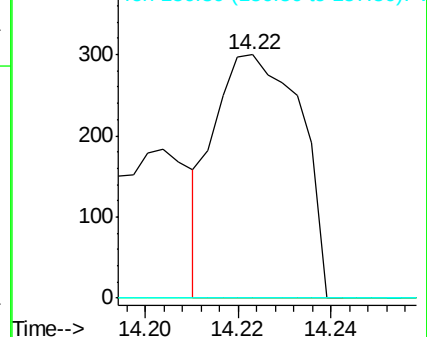
157 0.0 45.8 137.3#

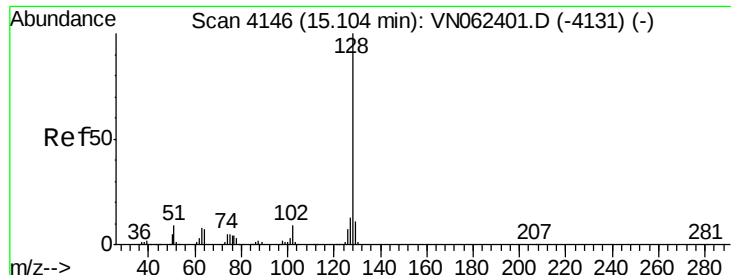


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 13.441 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062453.D
Acq: 9 Jul 2020 13:29

Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

Tgt Ion:128 Resp: 70273
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 10.4 8.6 12.8

