

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062433.D
 Acq On : 9 Jul 2020 2:47
 Operator : JC/MD
 Sample : L3215-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Jul 09 04:10:17 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	182088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	332621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	316114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127379	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	141009	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.55	113	102906	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.06	98	427932	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
62) 4-Bromofluorobenzene	12.38	95	155933	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.73	59	3148	6.776	ug/l #	74
13) Acrolein	3.76	56	910	2.715	ug/l #	40
15) Acrylonitrile	5.00	53	3056	2.508	ug/l #	24
16) Acetone	3.78	43	9760	8.208	ug/l	92
18) Methyl Acetate	4.54	43	46033	15.513	ug/l #	56
19) Methyl tert-butyl Ether	5.00	73	161649	22.813	ug/l #	57
25) 2-Butanone	6.79	43	3443	1.983	ug/l #	53
30) Chloroform	7.29	83	3741	0.923	ug/l #	18
31) Cyclohexane	7.62	56	56844	13.362	ug/l #	90
36) 1,1-Dichloropropene	7.63	75	16039	4.786	ug/l #	52
37) Ethyl Acetate	6.79	43	3443	0.879	ug/l #	70
38) Carbon Tetrachloride	7.63	117	18615	6.179	ug/l #	15
39) Methylcyclohexane	9.05	83	69841	19.521	ug/l	97
40) Benzene	8.00	78	99468	10.071	ug/l	98
43) Isopropyl Acetate	8.11	43	10755	1.737	ug/l #	57
47) Bromodichloromethane	9.36	83	3403	0.984	ug/l #	25
48) Methyl methacrylate	9.11	41	2199	0.724	ug/l #	44
51) 4-Methyl-2-Pentanone	9.90	43	5267	1.425	ug/l #	39
52) Toluene	10.12	92	5258	0.922	ug/l	92
55) 1,1,2-Trichloroethane	10.50	97	14469	6.449	ug/l #	19
56) Ethyl methacrylate	10.40	69	2131	2.210	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.58	63	946	0.711	ug/l #	54
59) 2-Hexanone	10.77	43	2422	0.902	ug/l	74
60) Dibromochloromethane	10.60	129	3342	1.374	ug/l #	11
61) 1,2-Dibromoethane	11.04	107	455	0.201	ug/l #	1
64) Tetrachloroethene	10.60	164	3422	1.824	ug/l	91
67) Ethyl Benzene	11.49	91	3405	0.295	ug/l	91
68) m/p-Xylenes	11.60	106	21890	5.362	ug/l	100
69) o-Xylene	11.92	106	4380	1.102	ug/l	84
73) Isopropylbenzene	12.22	105	34851	3.536	ug/l	100
76) 1,2,3-Trichloropropane	12.38	75	82478	26.389	ug/l #	100
78) n-propylbenzene	12.57	91	12157	1.056	ug/l	92
79) 2-Chlorotoluene	12.67	91	1530	0.219	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.71	105	4789	0.593	ug/l	97

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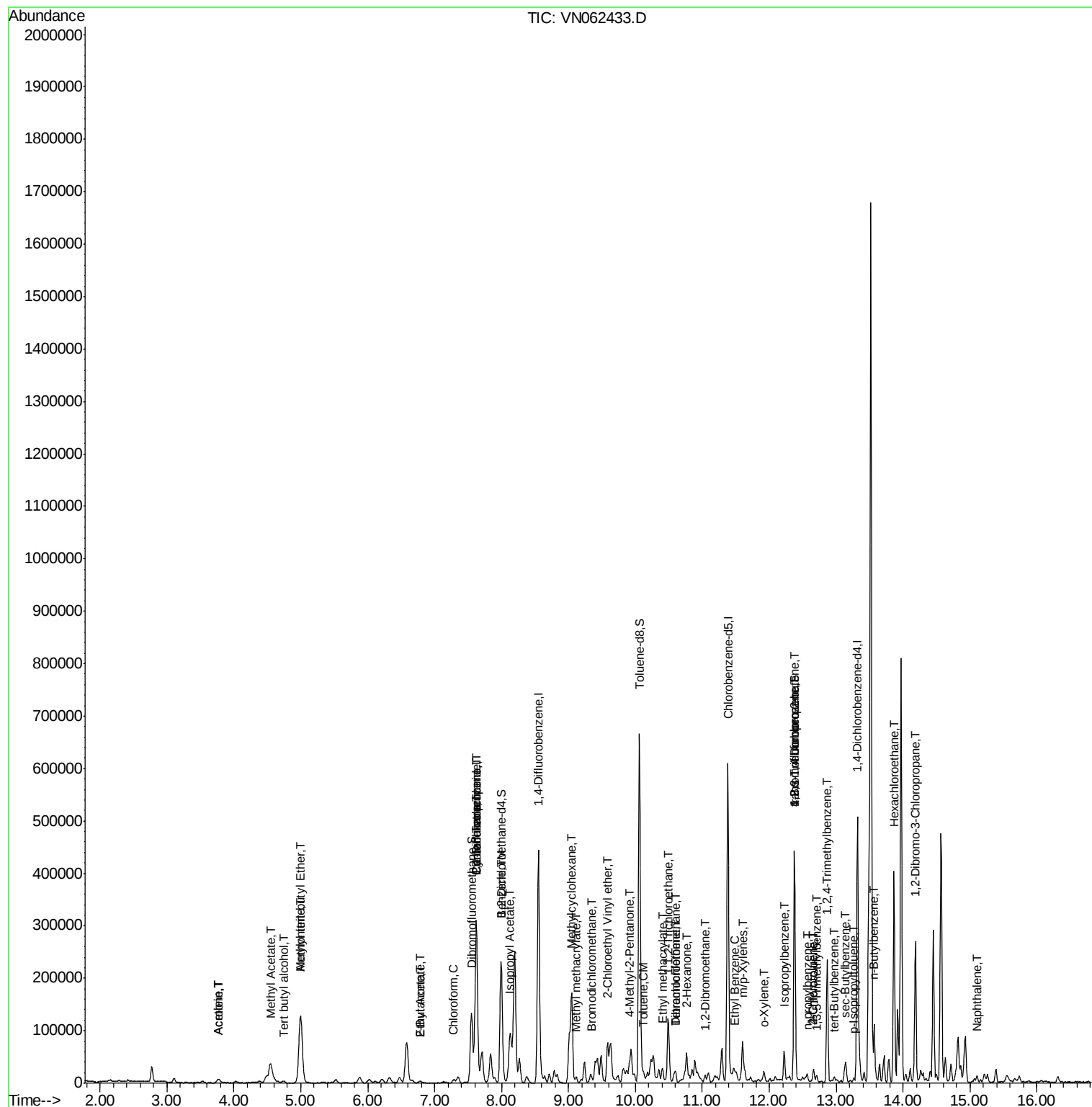
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.38	75	82478	70.633	ug/l #	10
82) 4-Chlorotoluene	12.67	91	1530	0.216	ug/l #	44
83) tert-Butylbenzene	12.97	119	3667	0.535	ug/l	85
84) 1,2,4-Trimethylbenzene	12.87	105	142406	17.730	ug/l	79
85) sec-Butylbenzene	13.15	105	20097	2.212	ug/l #	70
86) p-Isopropyltoluene	13.26	119	4291	0.547	ug/l #	50
89) n-Butylbenzene	13.57	91	16745	2.418	ug/l #	1
90) Hexachloroethane	13.86	117	21309	13.813	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.18	75	1115	1.844	ug/l #	8
95) Naphthalene	15.10	128	10018	1.504	ug/l	99

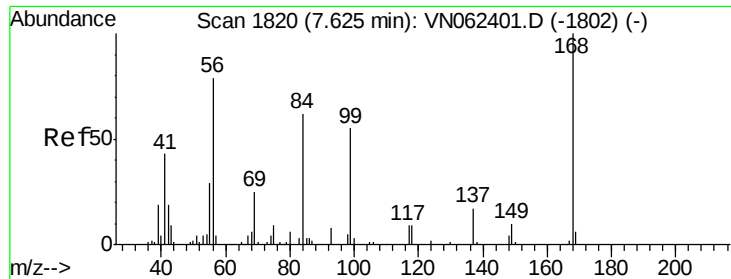
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampleId :

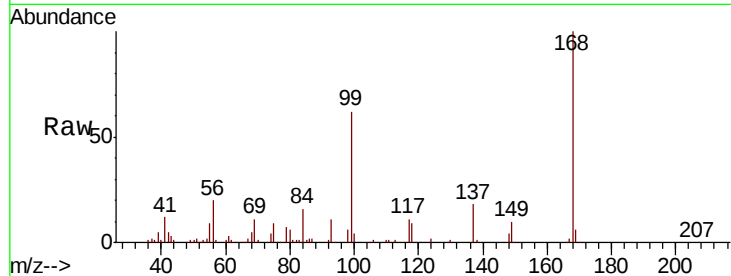
MW-5

Tot Ion:168 Resp: 182088

Ion Ratio Lower Upper

168 100

99 62.5 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): VN062401.D (-1802) (-)

Ion 98.90 (98.60 to 99.60): VN062401.D (-1802) (-)

7.63

80000

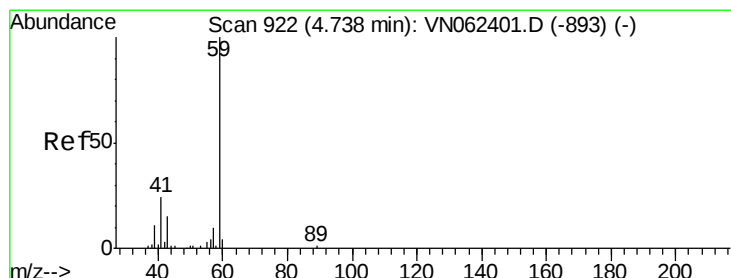
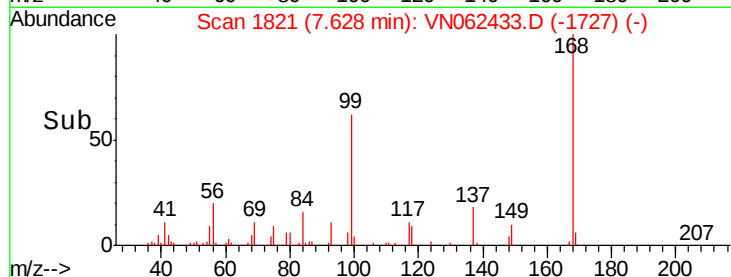
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 6.776 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.01 min

Lab File: VN062433.D

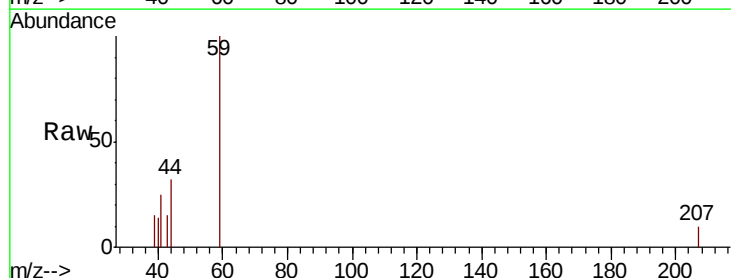
Acq: 9 Jul 2020 2:47

Tgt Ion: 59 Resp: 3148

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN062401.D (-893) (-)

Ion 57.00 (56.70 to 57.70): VN062401.D (-893) (-)

4.73

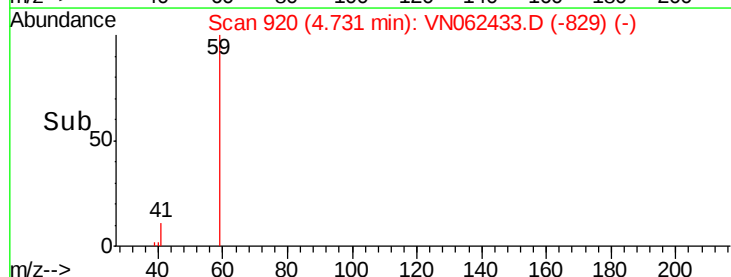
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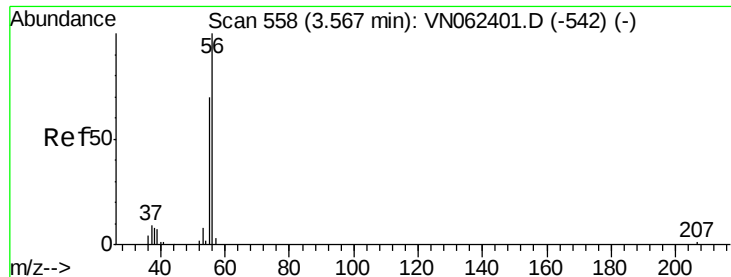
1000

500

0

Time--> 4.65 4.70 4.75





#13

Acrolein

Concen: 2.715 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.20 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampled :

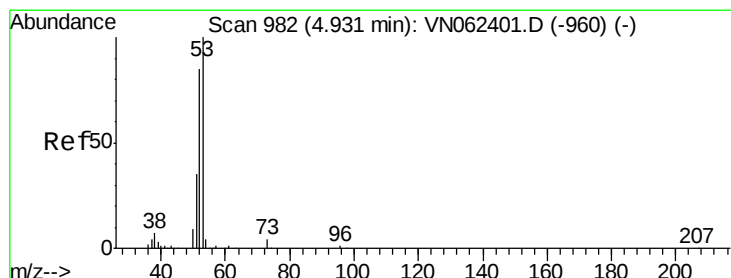
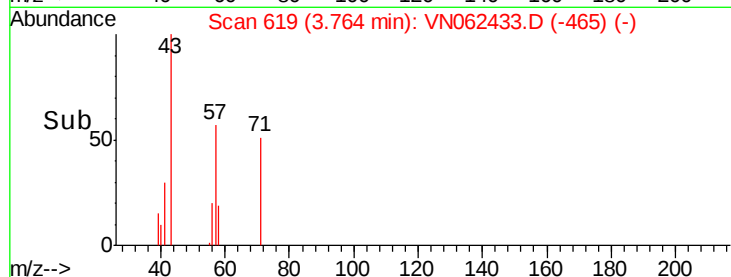
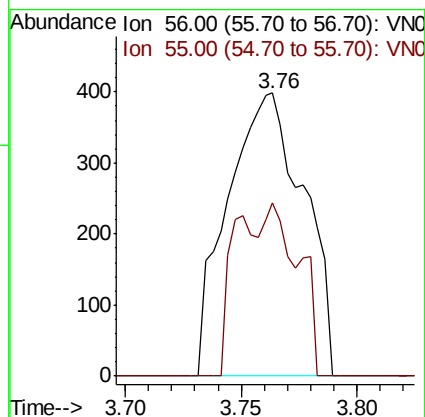
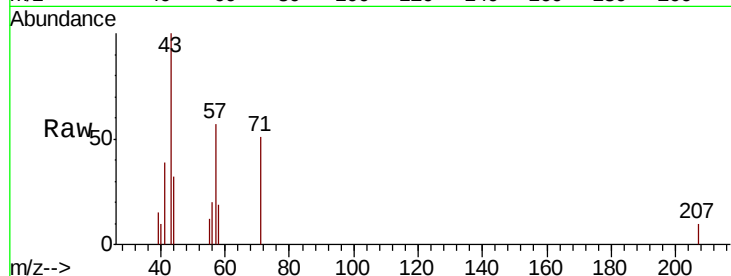
MW-5

Tot Ion: 56 Resp: 910

Ion Ratio Lower Upper

56 100

55 21.4 57.2 85.8#



#15

Acrylonitrile

Concen: 2.508 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.07 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

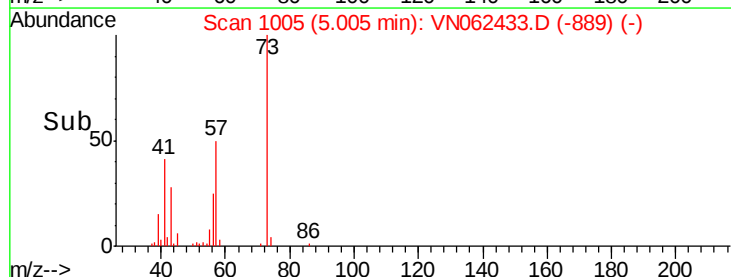
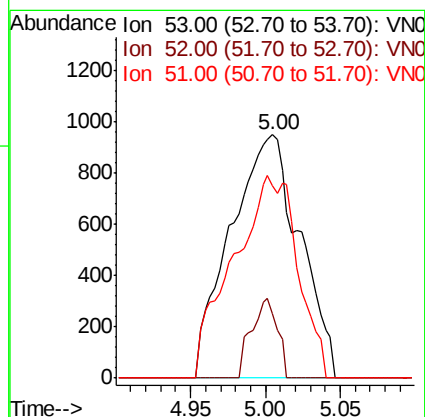
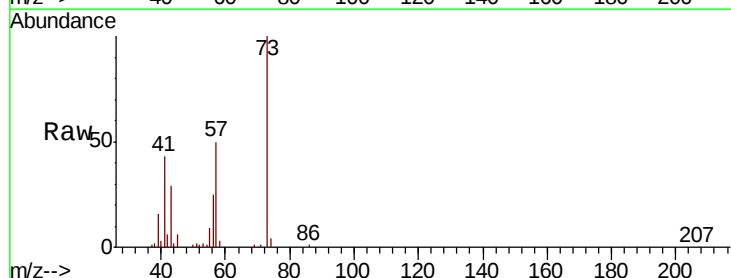
Tgt Ion: 53 Resp: 3056

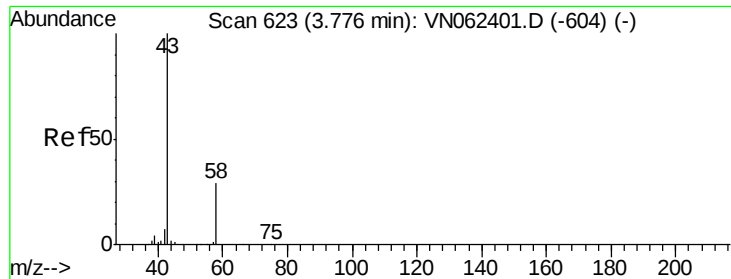
Ion Ratio Lower Upper

53 100

52 12.3 66.2 99.4#

51 77.6 28.7 43.1#

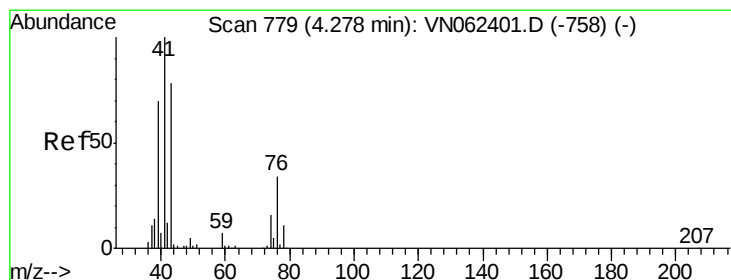
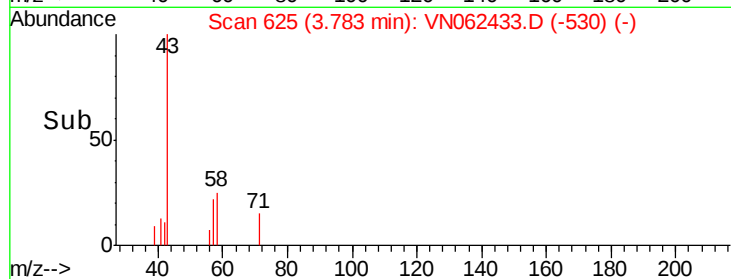
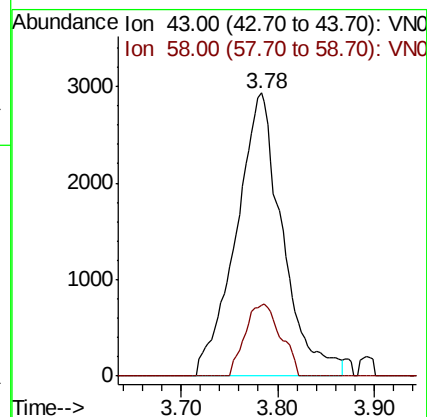
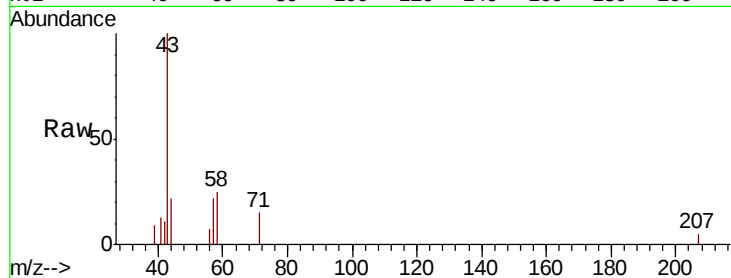




#16
Acetone
Concen: 8.208 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

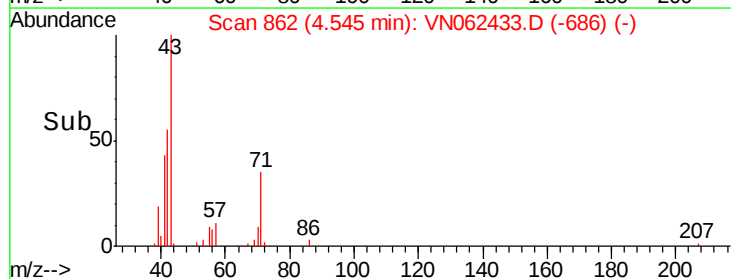
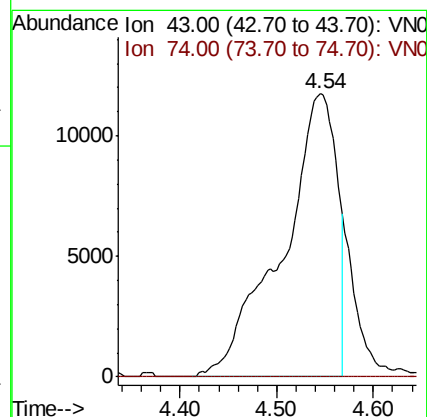
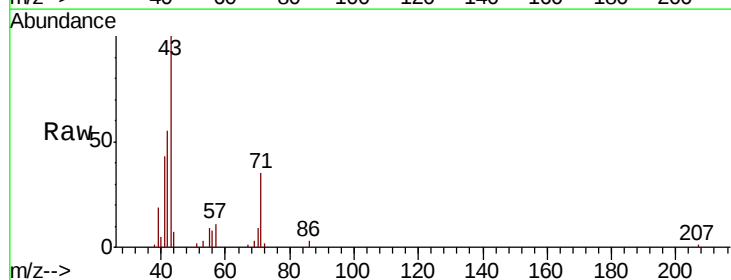
Instrument :
MSVOA_N
ClientSampled :
MW-5

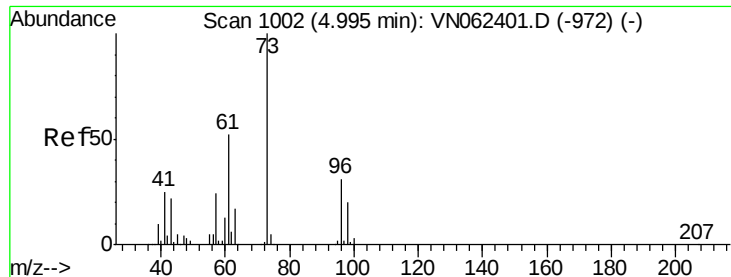
Tot Ion: 43 Resp: 9760
Ion Ratio Lower Upper
43 100
58 24.9 23.5 35.3



#18
Methyl Acetate
Concen: 15.513 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.27 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Tgt Ion: 43 Resp: 46033
Ion Ratio Lower Upper
43 100
74 0.0 16.0 24.0#

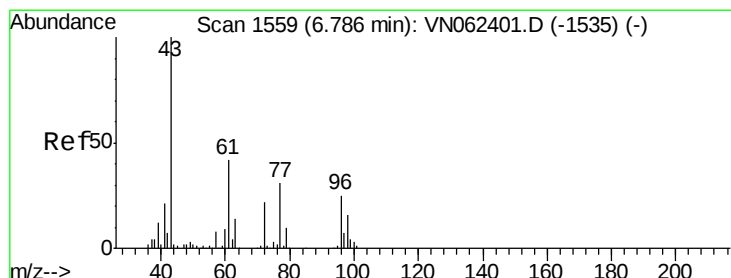
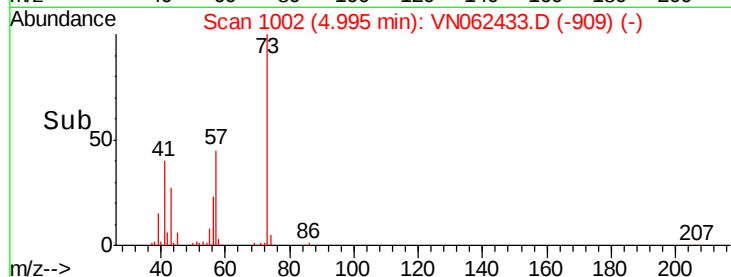
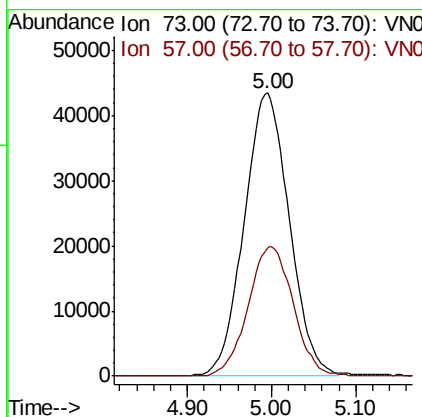
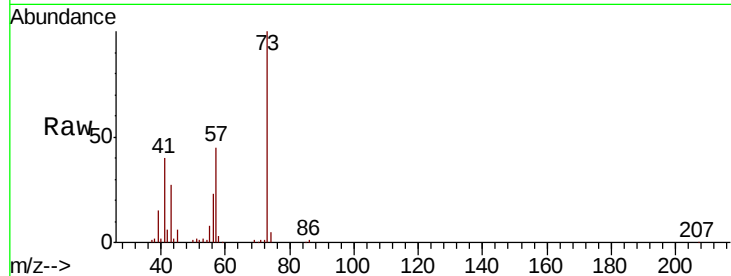




#19
Methvl tert-butvl Ether
Concen: 22.813 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

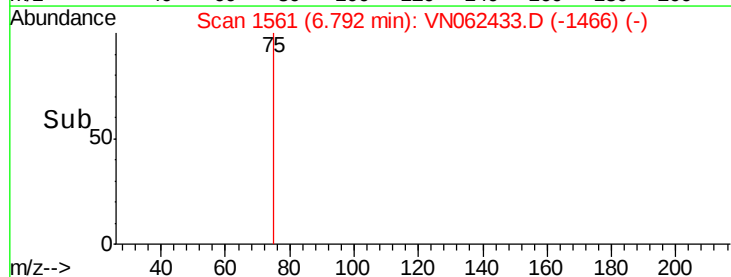
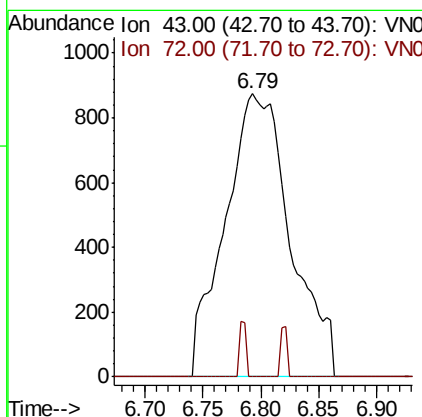
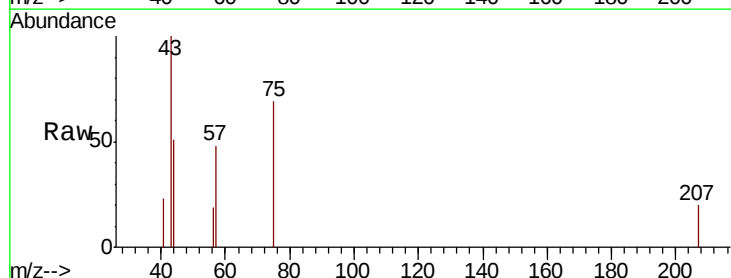
Instrument :
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ClientSampleId :
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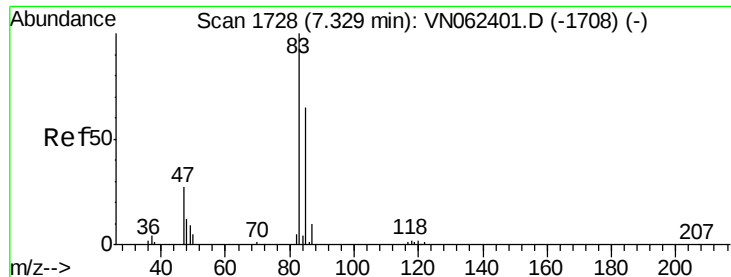
Tot Ion: 73 Resp: 161649
Ion Ratio Lower Upper
73 100
57 45.4 19.4 29.0#



#25
2-Butanone
Concen: 1.983 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Tgt Ion: 43 Resp: 3443
Ion Ratio Lower Upper
43 100
72 0.0 17.9 26.9#

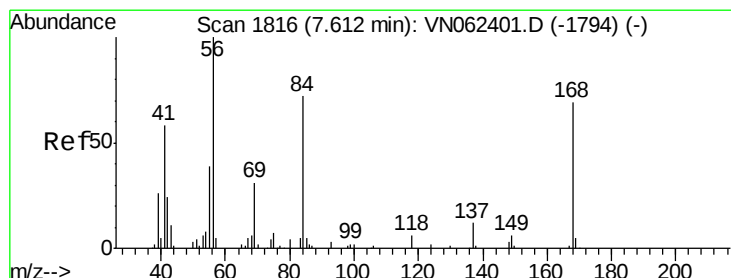
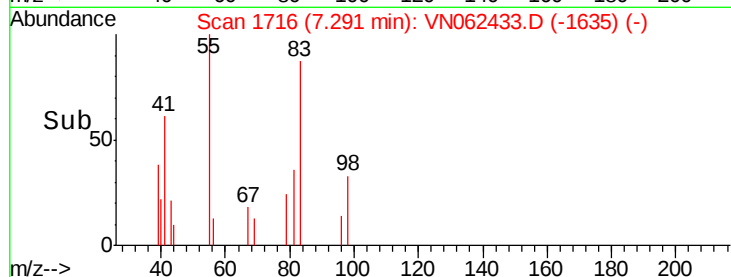
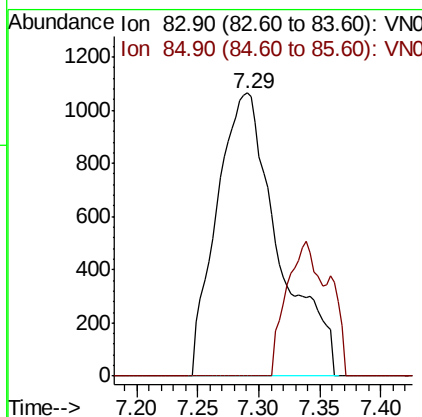
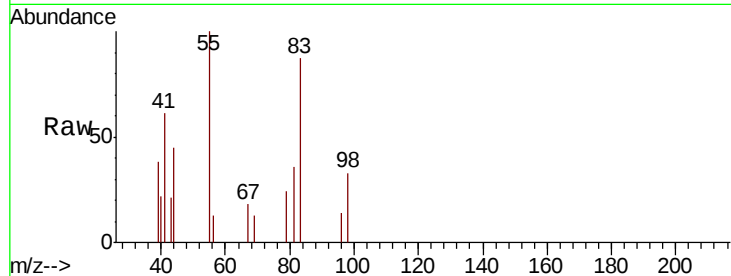




#30
Chloroform
Concen: 0.923 ug/l
RT: 7.29 min Scan# 1716
Delta R.T. -0.04 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

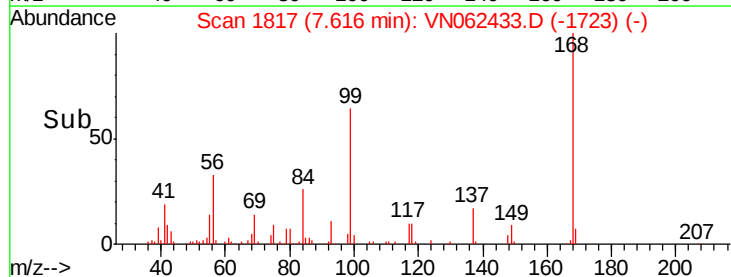
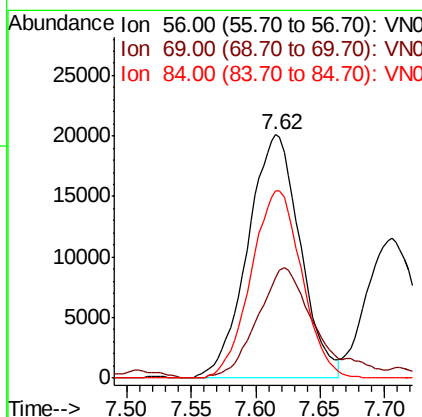
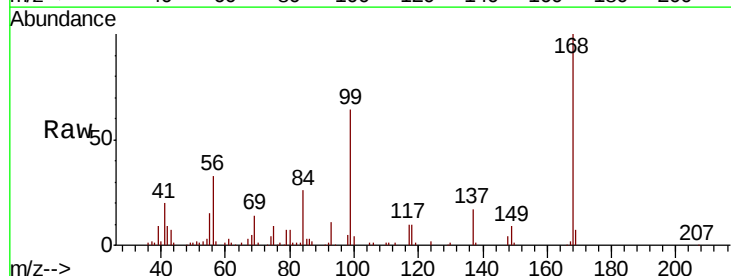
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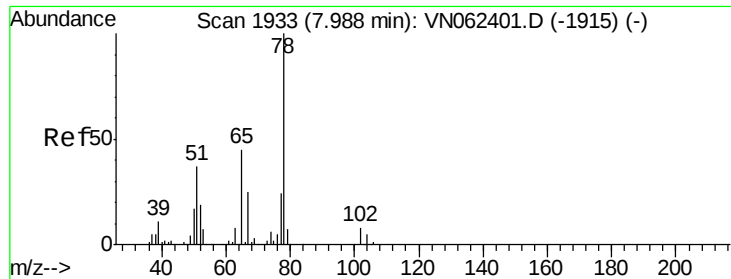
Tot Ion: 83 Resp: 3741
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.6#



#31
Cyclohexane
Concen: 13.362 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Tgt Ion: 56 Resp: 56844
Ion Ratio Lower Upper
56 100
69 41.1 24.5 36.7#
84 77.0 57.4 86.2

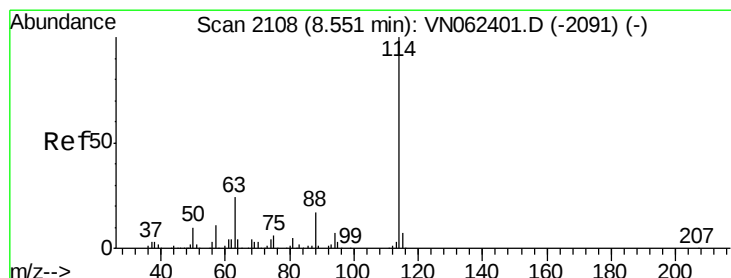
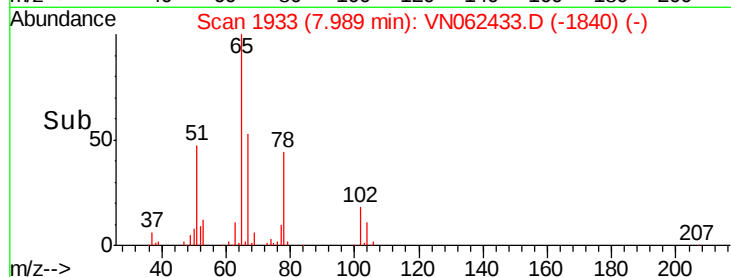
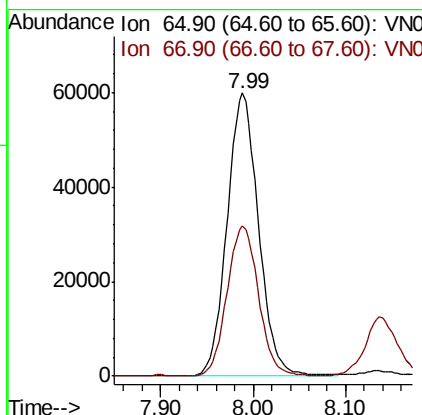
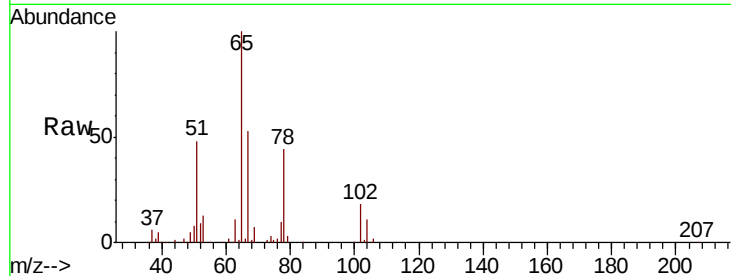




#33
 1,2-Dichloroethane-d4
 Concen: 50.347 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

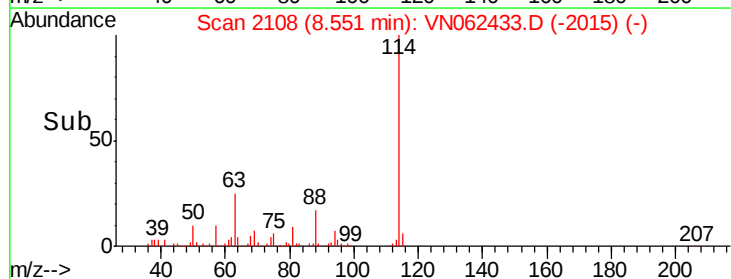
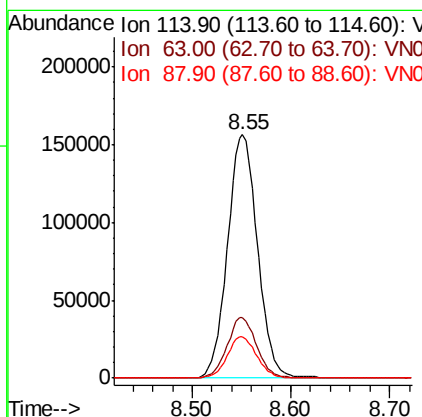
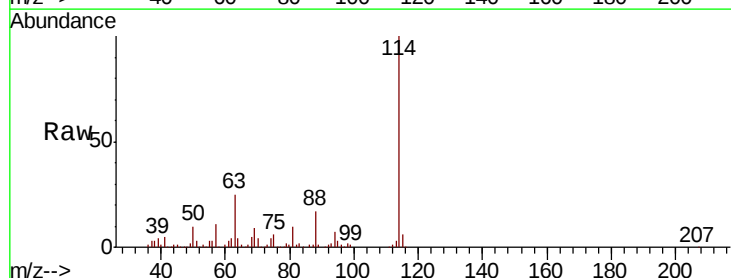
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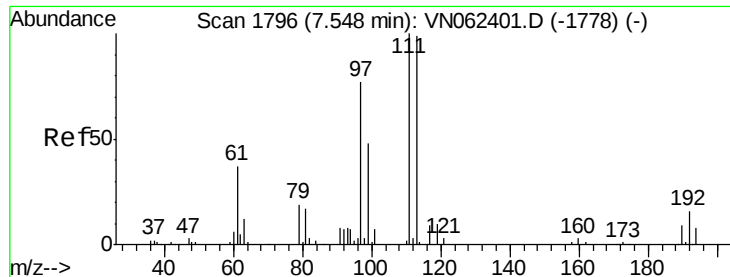
Tot Ion: 65 Resp: 141009
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

Tgt Ion: 114 Resp: 332621
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.4
 88 17.0 0.0 33.8

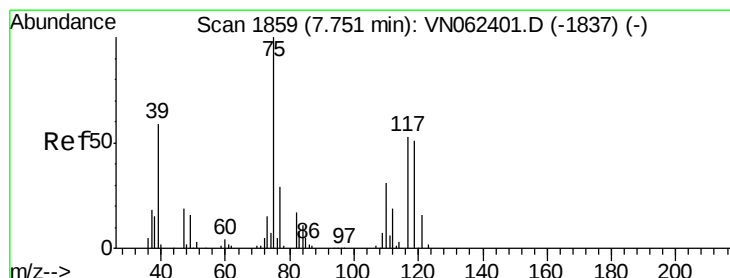
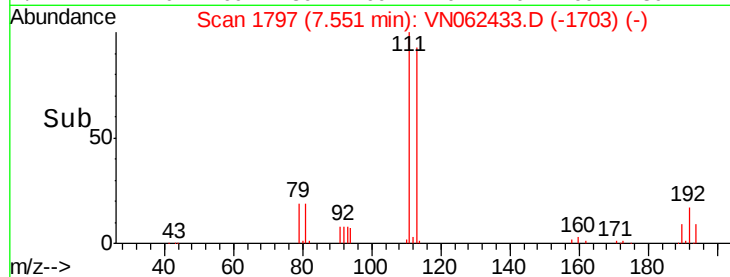
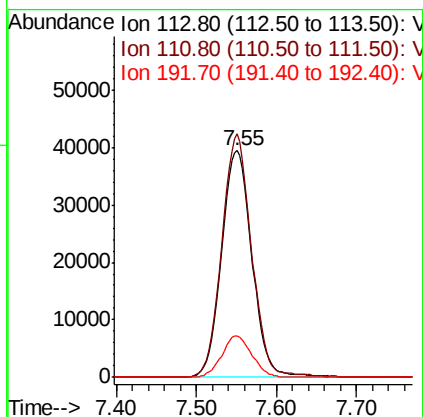
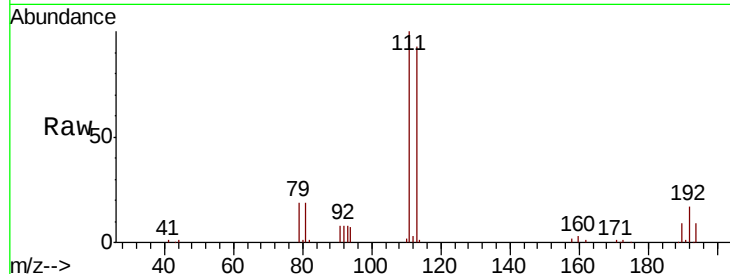




#35
 Dibromofluoromethane
 Concen: 50.050 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

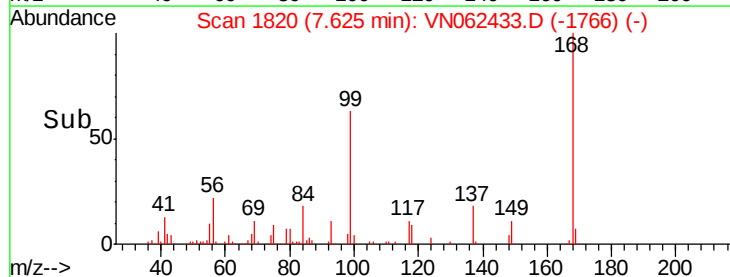
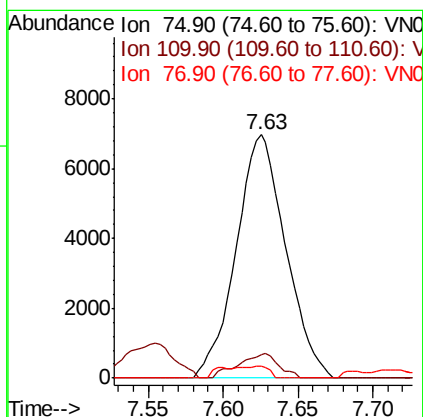
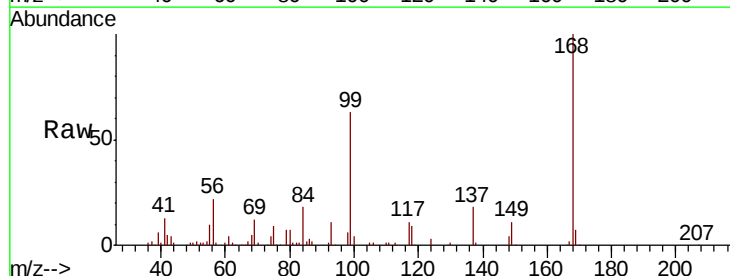
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

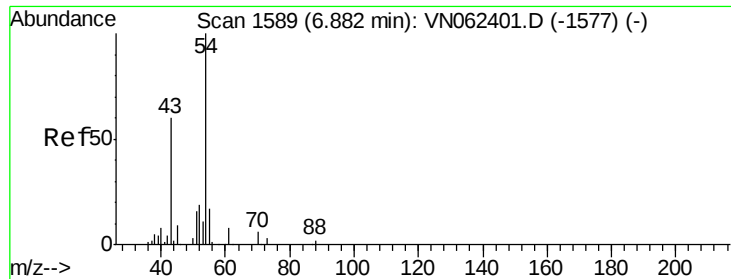
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.1	124.7
192	18.0	14.1	21.1



#36
 1,1-Dichloropropene
 Concen: 4.786 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.4	46.2#
77	0.0	24.1	36.1#

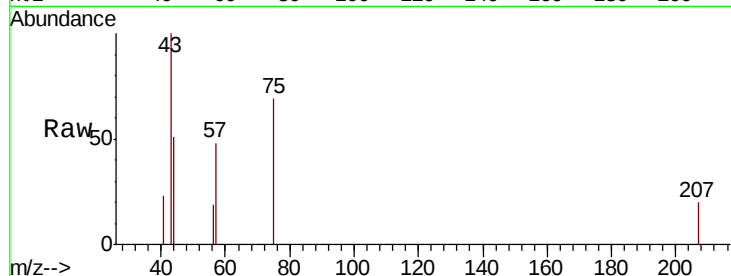




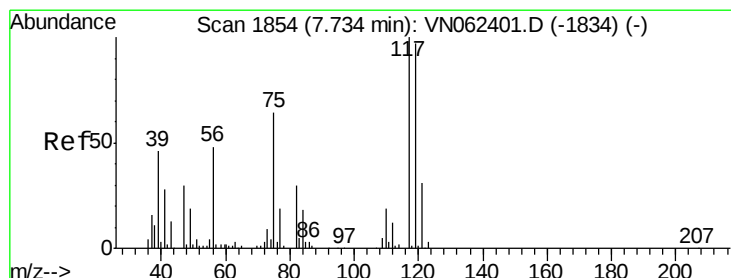
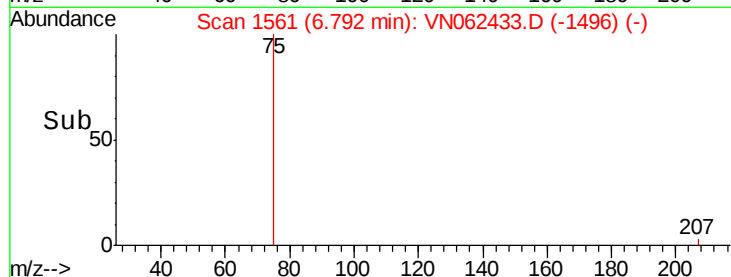
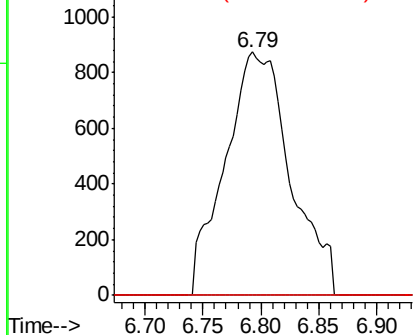
#37
Ethyl Acetate
Concen: 0.879 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.09 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Tot Ion: 43 Resp: 3443
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.2 10.8#

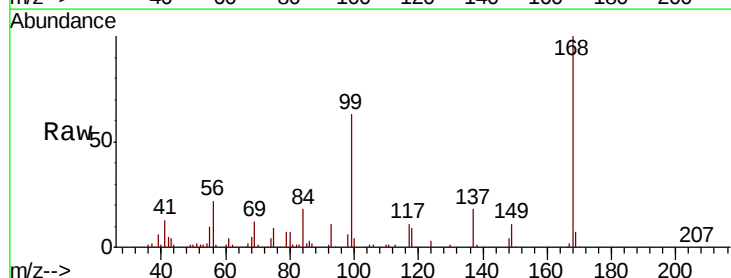


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

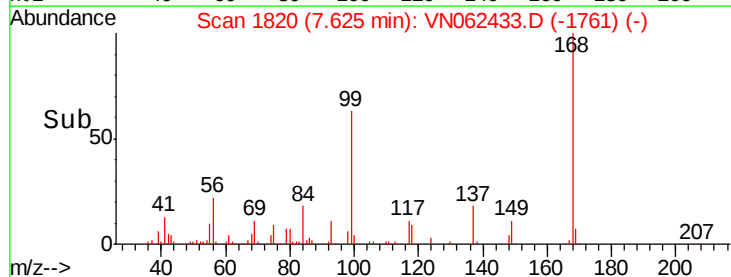
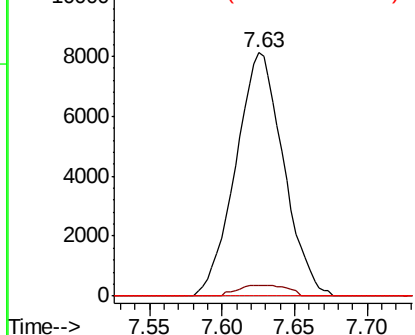


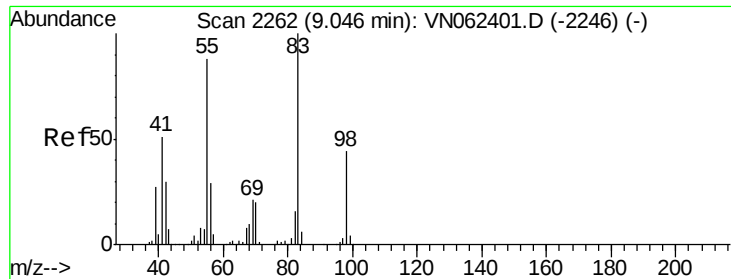
#38
Carbon Tetrachloride
Concen: 6.179 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Tgt Ion: 117 Resp: 18615
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 24.8 37.2#



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

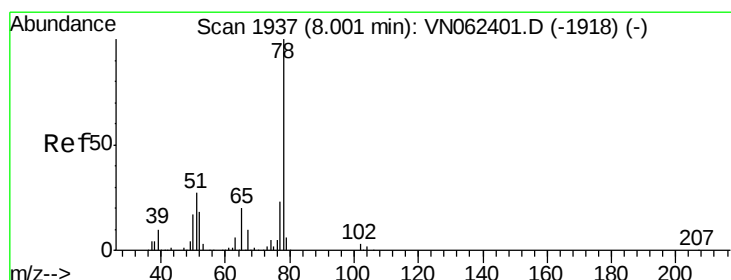
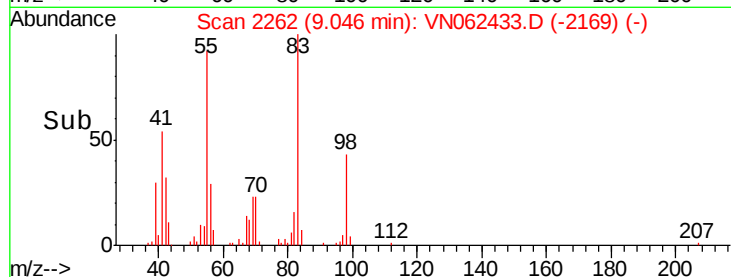
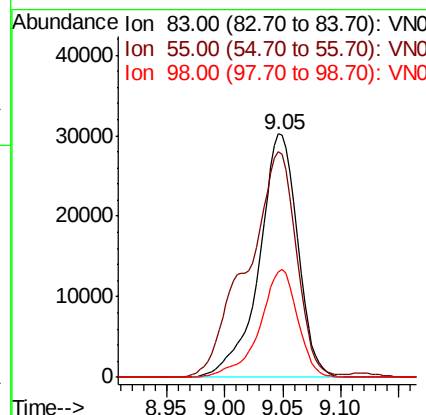
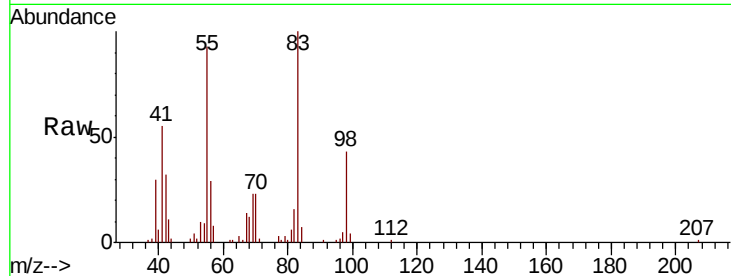




#39
Methvlcvclohexane
Concen: 19.521 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

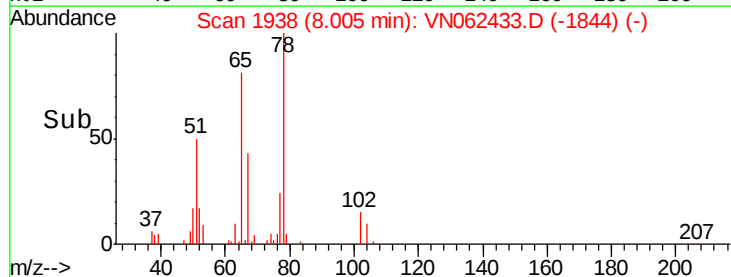
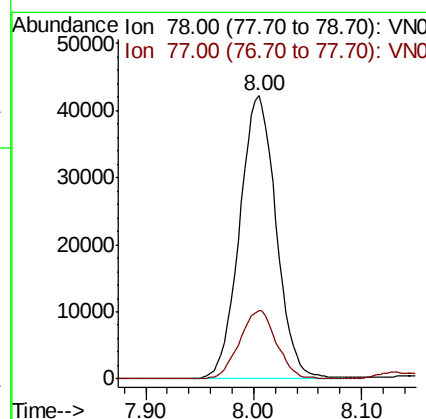
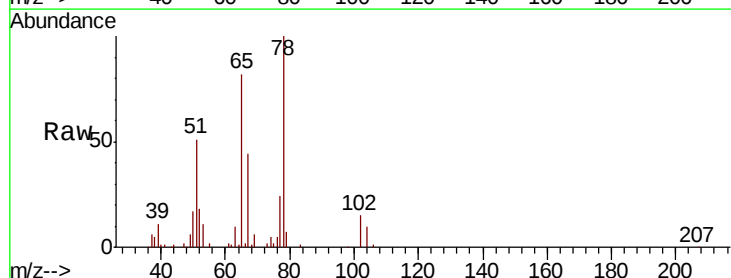
Instrument :
MSVOA_N
ClientSampled :
MW-5

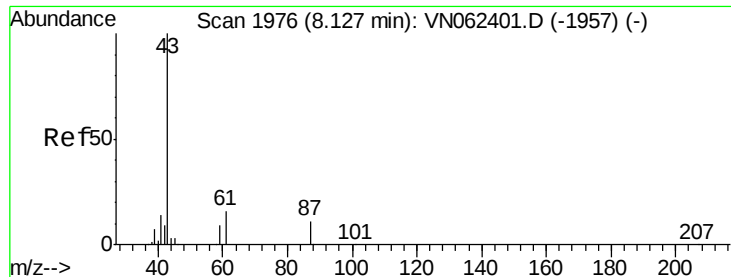
Tot Ion: 83 Resp: 69841
Ion Ratio Lower Upper
83 100
55 91.8 70.5 105.7
98 43.2 35.5 53.3



#40
Benzene
Concen: 10.071 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Tgt Ion: 78 Resp: 99468
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1





#43

Isopropyl Acetate

Concen: 1.737 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. -0.02 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampled :

MW-5

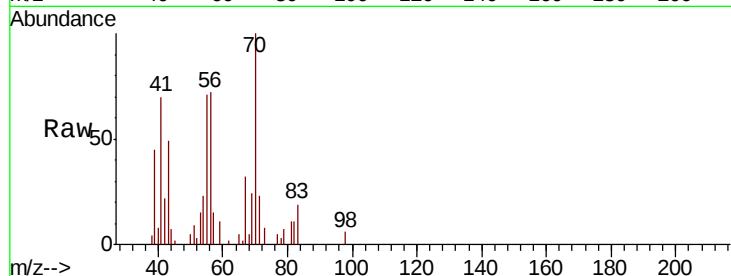
Tot Ion: 43 Resp: 10755

Ion Ratio Lower Upper

43 100

61 0.0 19.3 28.9#

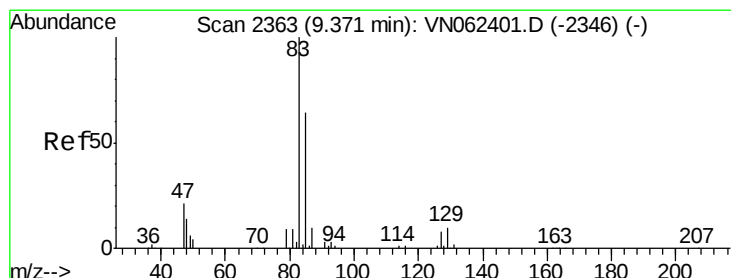
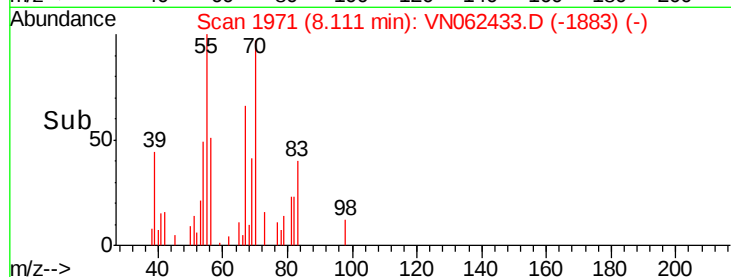
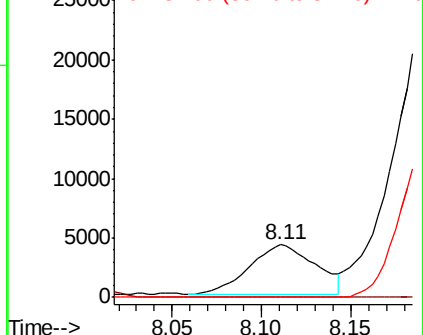
87 0.0 8.6 13.0#



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



#47

Bromodichloromethane

Concen: 0.984 ug/l

RT: 9.36 min Scan# 2358

Delta R.T. -0.02 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

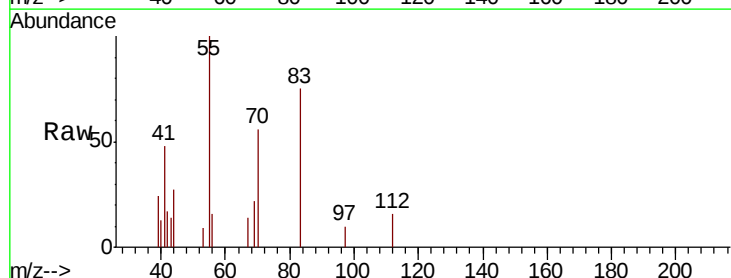
Tgt Ion: 83 Resp: 3403

Ion Ratio Lower Upper

83 100

85 0.0 51.2 76.8#

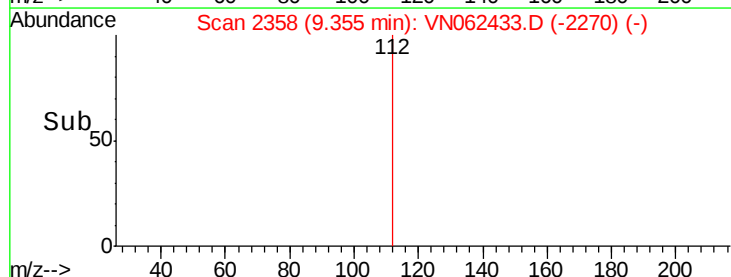
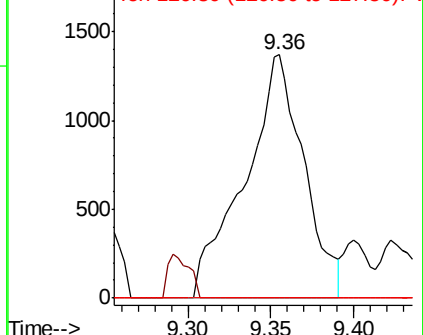
127 0.0 6.2 9.2#

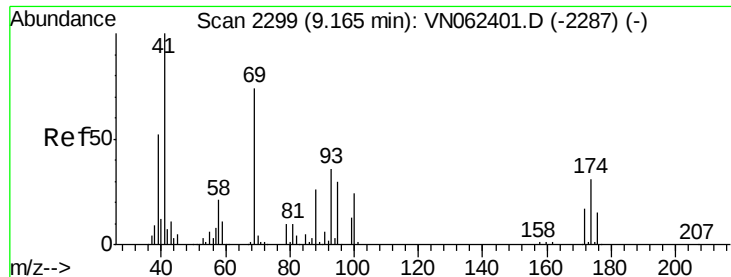


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

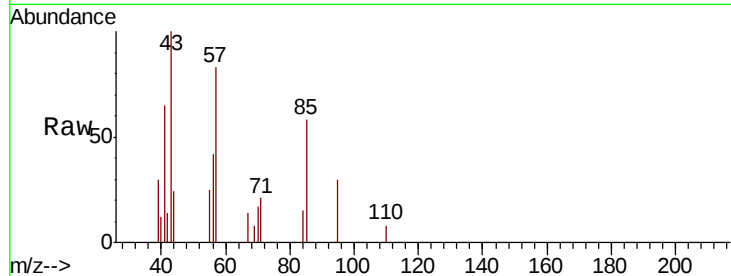




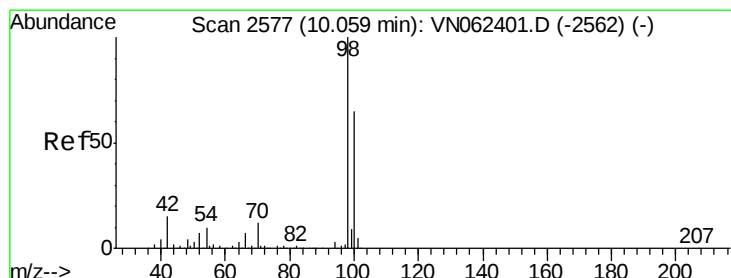
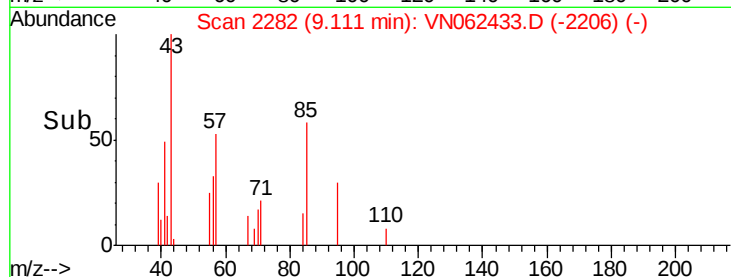
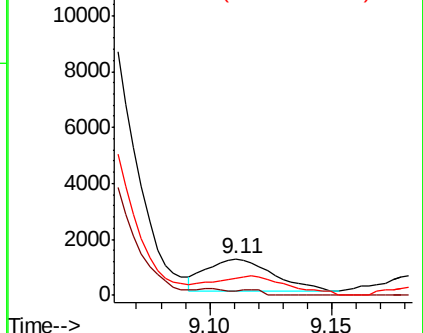
#48
Methvl methacrylate
Concen: 0.724 ug/l
RT: 9.11 min Scan# 2282
Delta R.T. -0.05 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tot Ion: 41 Resp: 2199
Ion Ratio Lower Upper
41 100
69 0.0 60.8 91.2#
39 47.6 43.5 65.3

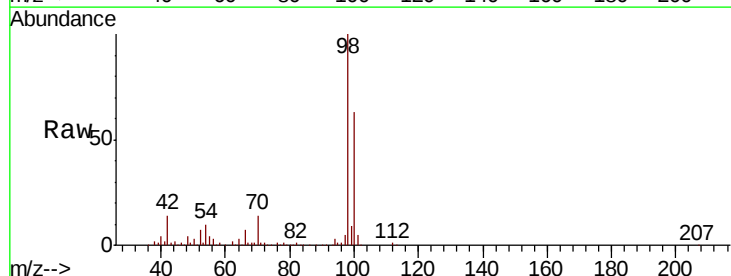


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

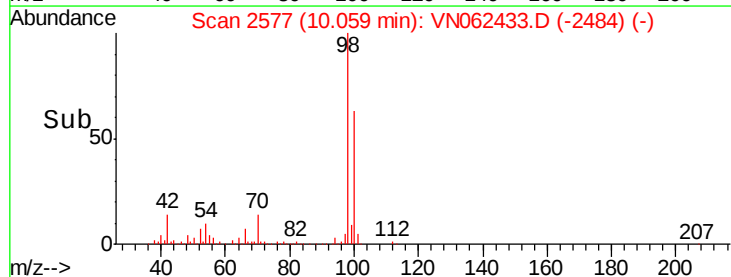
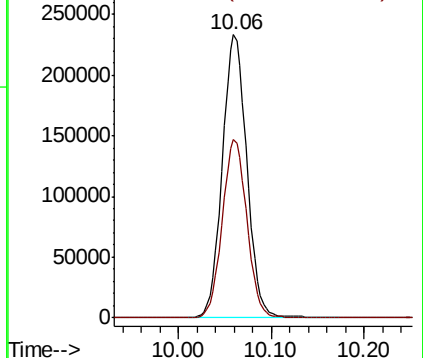


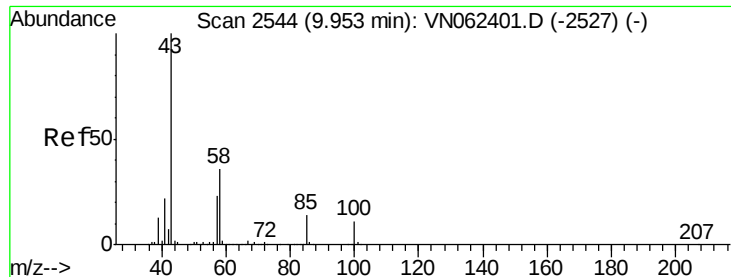
#50
Toluene-d8
Concen: 52.723 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Tgt Ion: 98 Resp: 427932
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.425 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. -0.05 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampled :

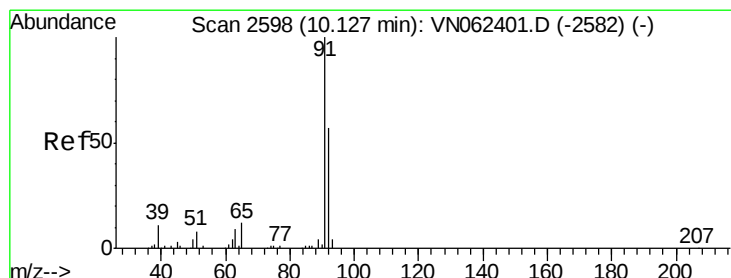
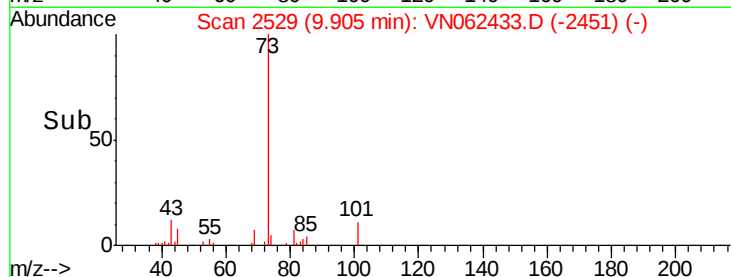
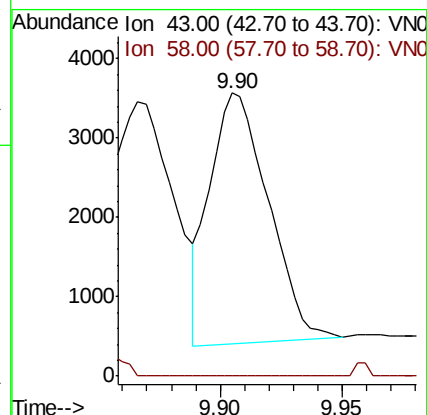
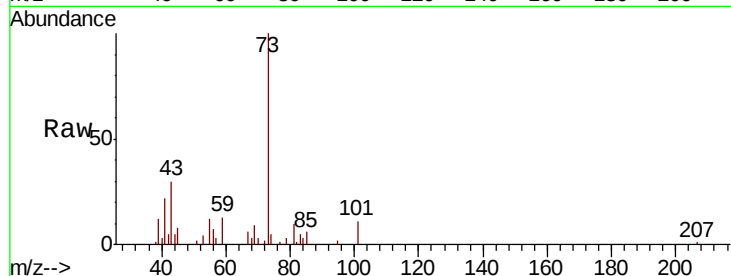
MW-5

Tot Ion: 43 Resp: 5267

Ion Ratio Lower Upper

43 100

58 0.0 29.0 43.6#



#52

Toluene

Concen: 0.922 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062433.D

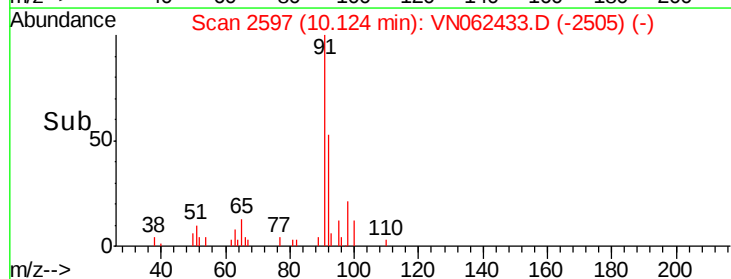
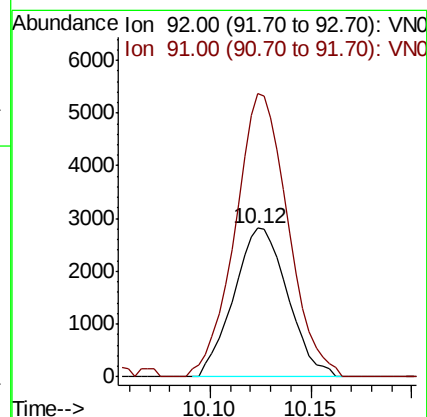
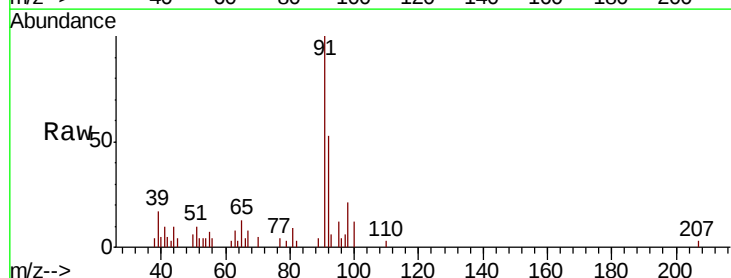
Acq: 9 Jul 2020 2:47

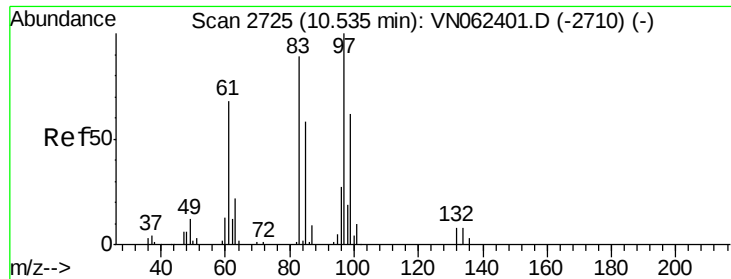
Tgt Ion: 92 Resp: 5258

Ion Ratio Lower Upper

92 100

91 187.0 141.0 211.6

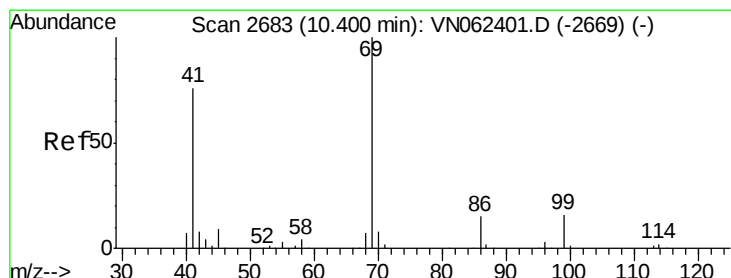
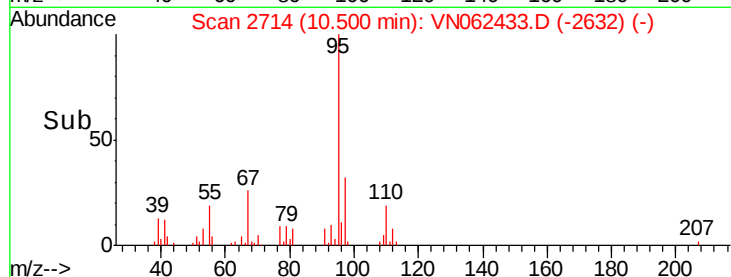
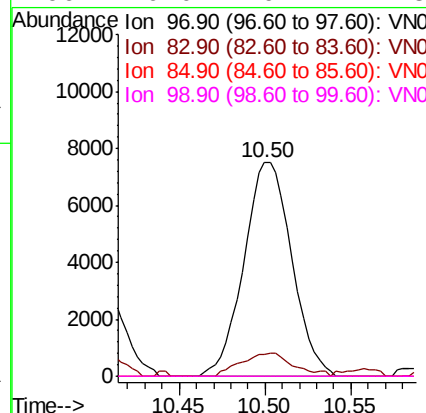
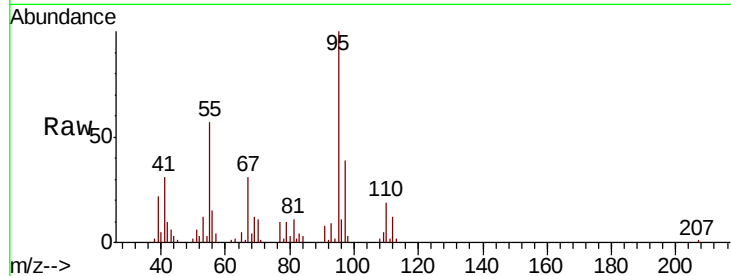




#55
 1,1,2-Trichloroethane
 Concen: 6.449 ug/l
 RT: 10.50 min Scan# 2714
 Delta R.T. -0.04 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

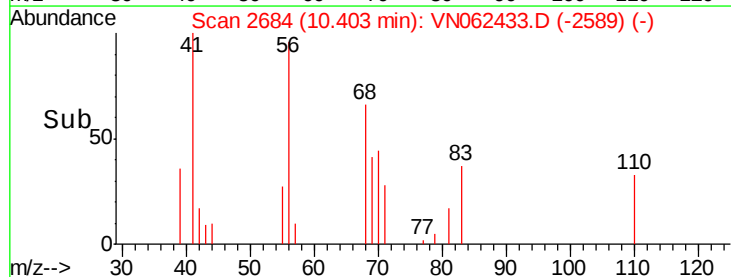
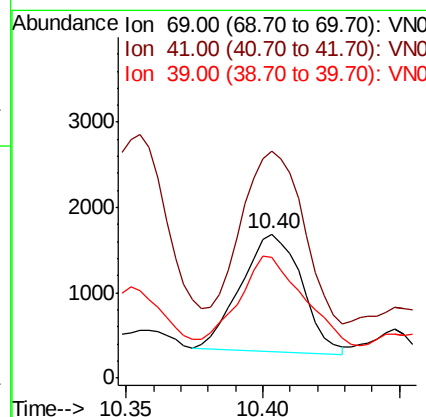
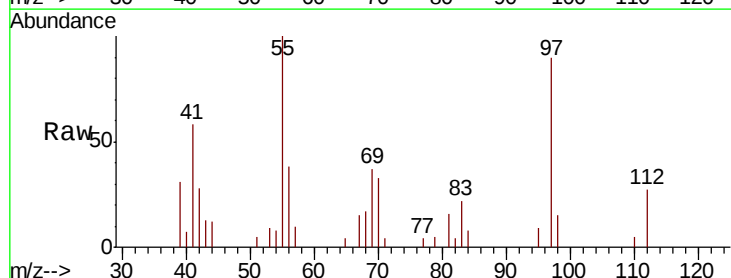
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

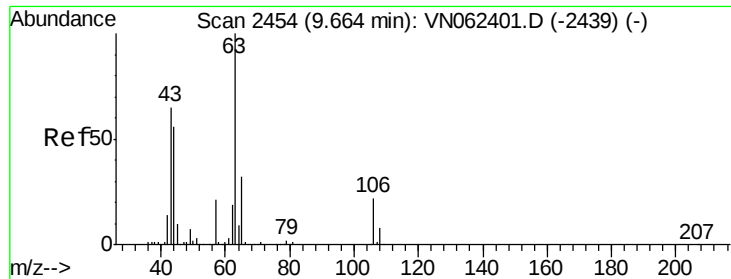
Tot Ion: 97 Resp: 14469
 Ion Ratio Lower Upper
 97 100
 83 10.2 71.0 106.4#
 85 0.0 46.2 69.4#
 99 0.0 49.7 74.5#



#56
 Ethyl methacrylate
 Concen: 2.210 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

Tgt Ion: 69 Resp: 2131
 Ion Ratio Lower Upper
 69 100
 41 147.5 59.7 89.5#
 39 80.3 30.6 45.8#

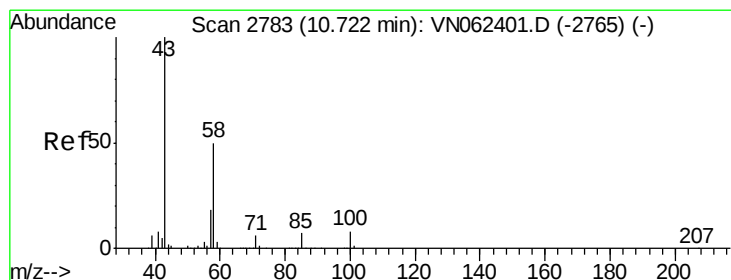
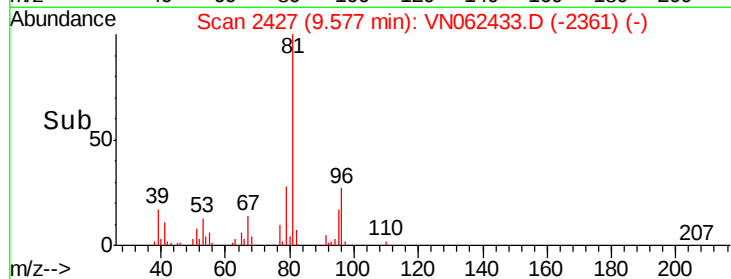
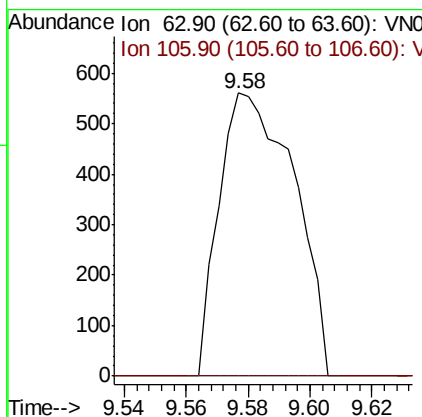
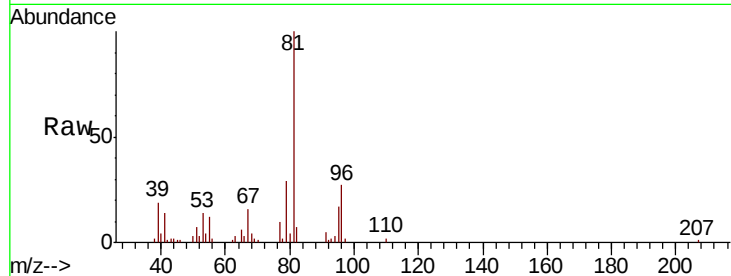




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.711 ug/l
 RT: 9.58 min Scan# 2427
 Delta R.T. -0.09 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

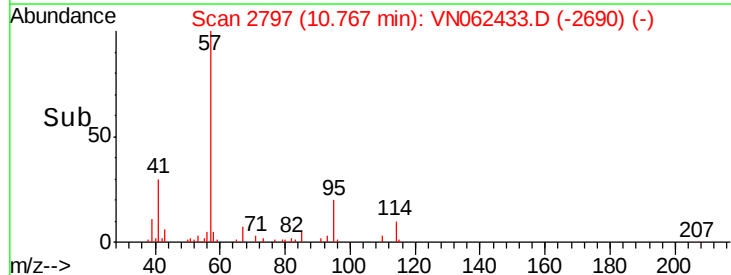
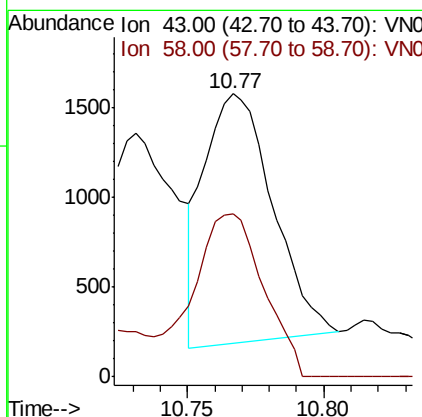
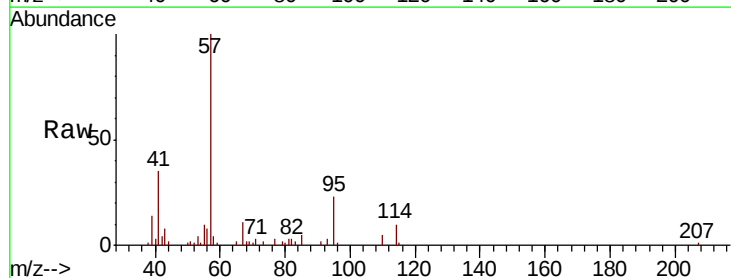
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

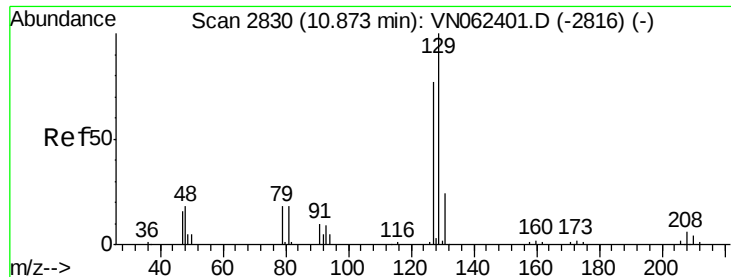
Tot Ion: 63 Resp: 946
 Ion Ratio Lower Upper
 63 100
 106 0.0 17.6 26.4#



#59
 2-Hexanone
 Concen: 0.902 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.05 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

Tgt Ion: 43 Resp: 2422
 Ion Ratio Lower Upper
 43 100
 58 67.8 25.1 75.2

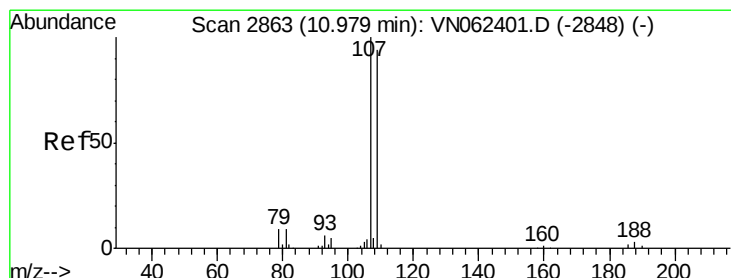
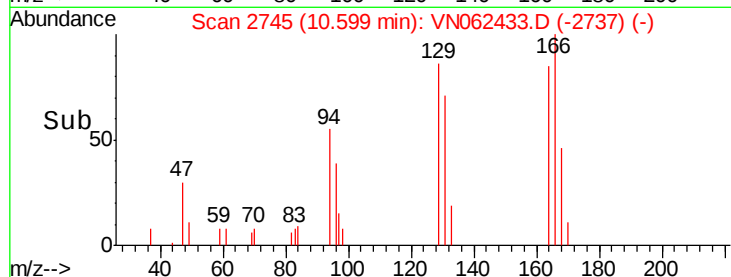
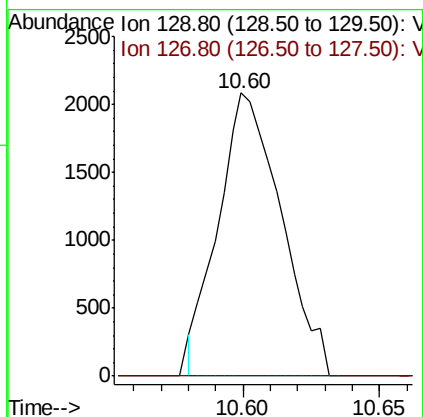
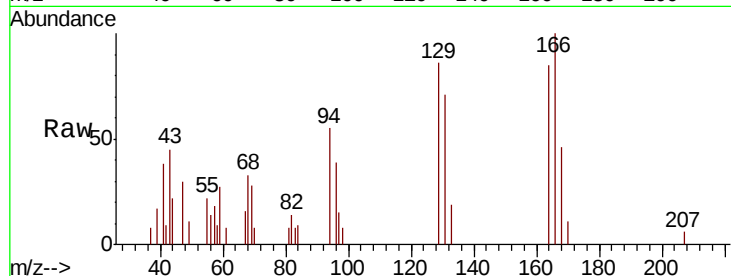




#60
Dibromochloromethane
Concen: 1.374 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.27 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

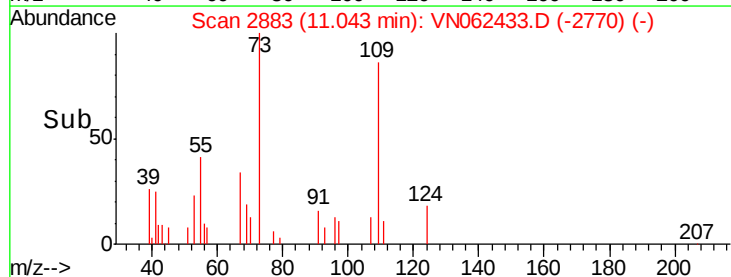
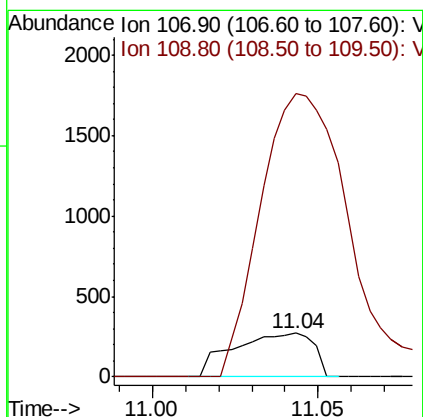
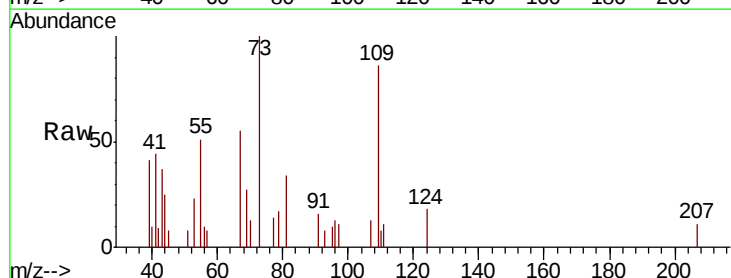
Instrument :
MSVOA_N
ClientSampled :
MW-5

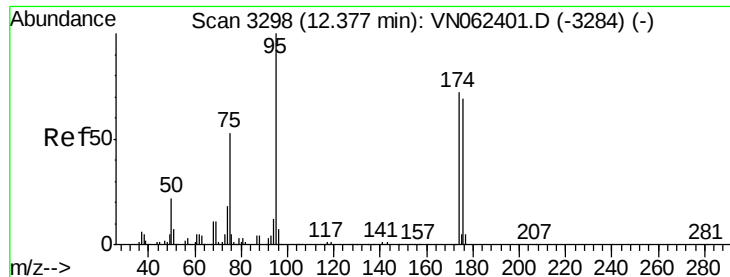
Tot Ion:129 Resp: 3342
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#61
1,2-Dibromoethane
Concen: 0.201 ug/l
RT: 11.04 min Scan# 2883
Delta R.T. 0.06 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Tgt Ion:107 Resp: 455
Ion Ratio Lower Upper
107 100
109 711.4 75.6 113.4#





#62

4-Bromofluorobenzene

Concen: 52.572 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampled :

MW-5

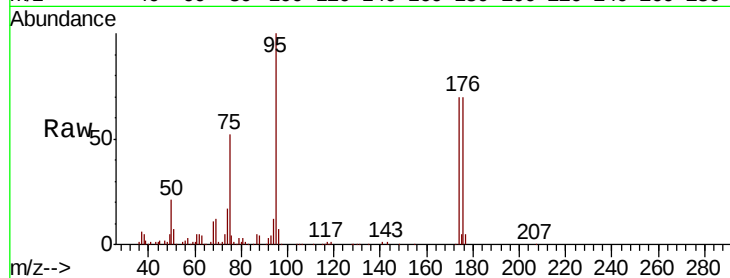
Tot Ion: 95 Resp: 155933

Ion Ratio Lower Upper

95 100

174 71.0 0.0 141.6

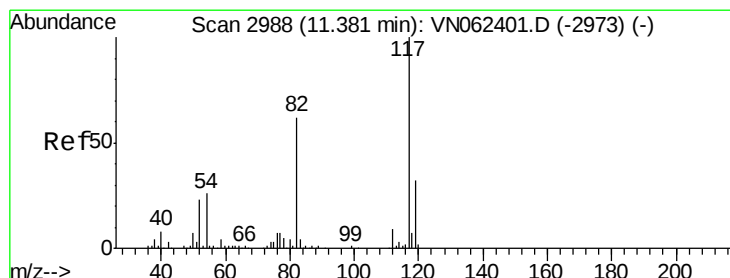
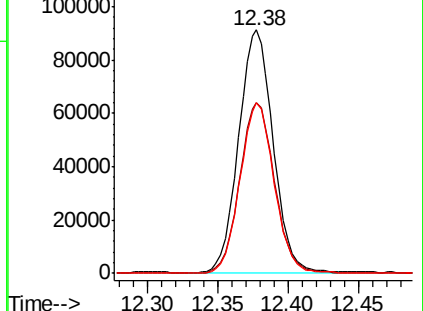
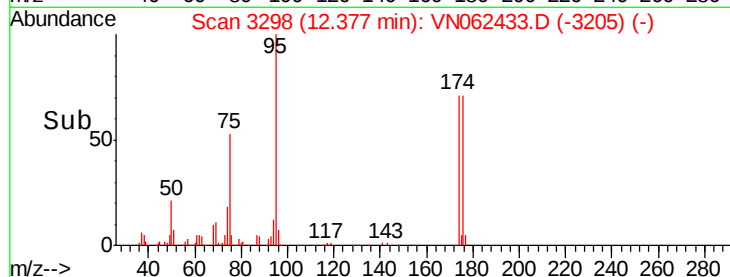
176 69.6 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062433.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062433.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062433.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

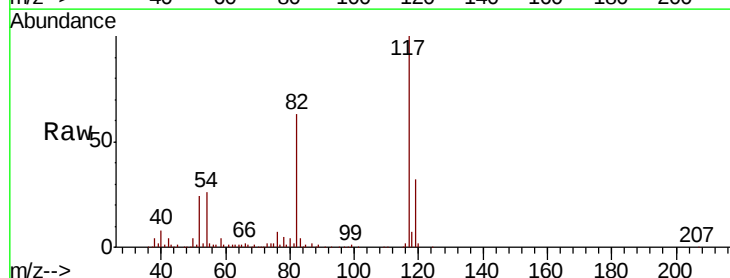
Tgt Ion: 117 Resp: 316114

Ion Ratio Lower Upper

117 100

82 62.5 49.6 74.4

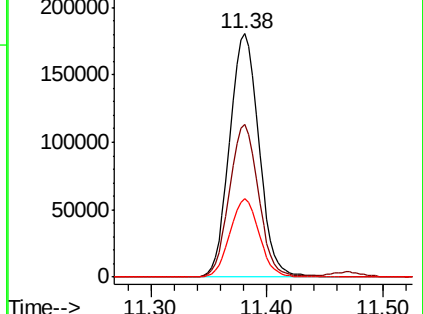
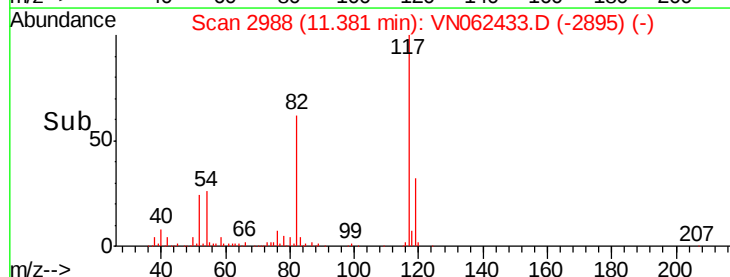
119 32.2 25.4 38.0

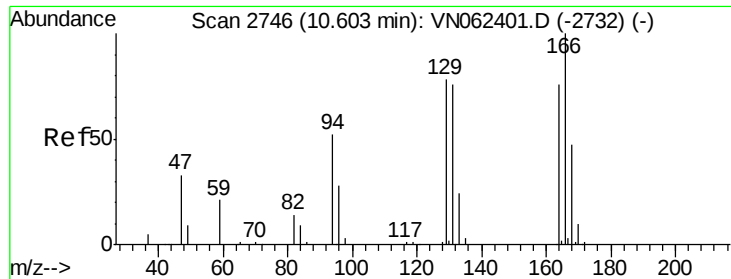


Abundance Ion 116.90 (116.60 to 117.60): VN062433.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062433.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062433.D (-2895) (-)





#64

Tetrachloroethene

Concen: 1.824 ug/l

RT: 10.60 min Scan# 2745

Delta R.T. -0.00 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampleId :

MW-5

Tot Ion:164 Resp: 3422

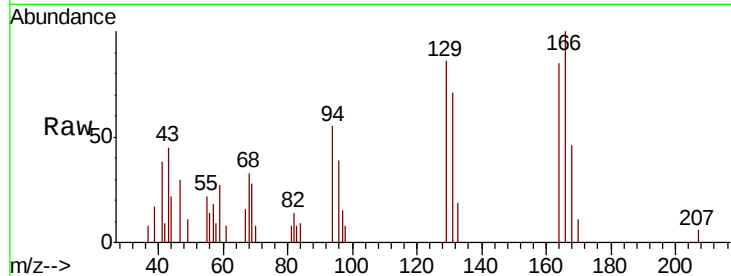
Ion Ratio Lower Upper

164 100

166 118.2 104.9 157.3

129 101.7 81.8 122.6

131 84.5 79.3 118.9

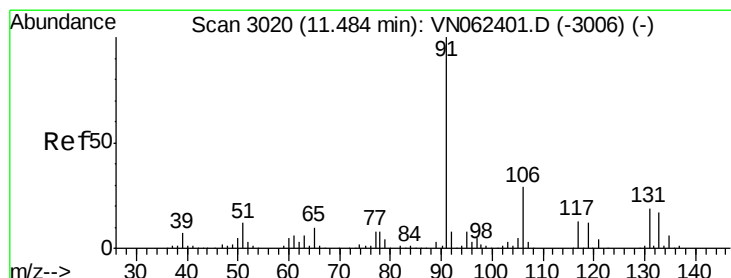
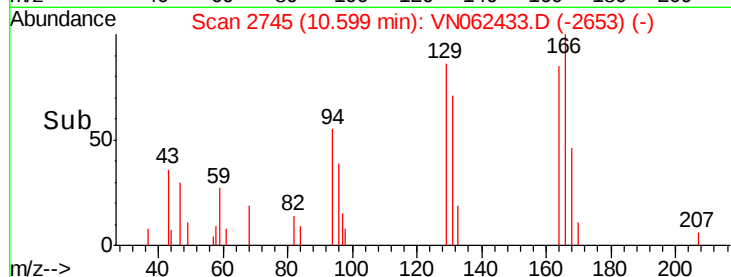
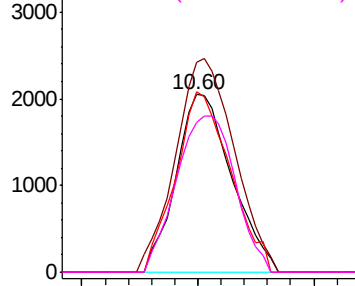


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 0.295 ug/l

RT: 11.49 min Scan# 3022

Delta R.T. 0.01 min

Lab File: VN062433.D

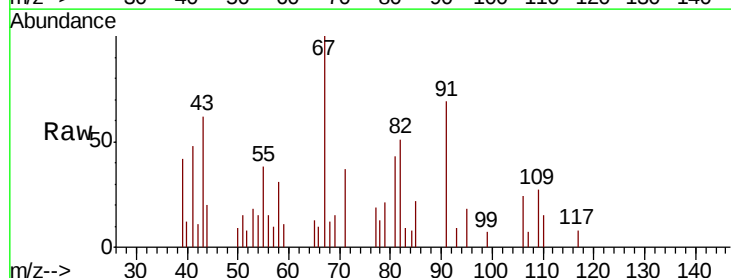
Acq: 9 Jul 2020 2:47

Tgt Ion: 91 Resp: 3405

Ion Ratio Lower Upper

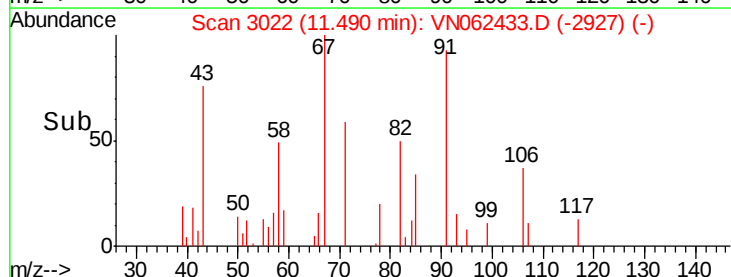
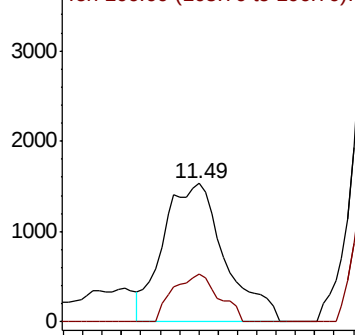
91 100

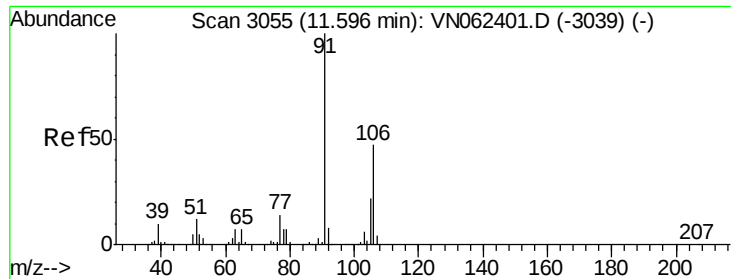
106 34.3 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

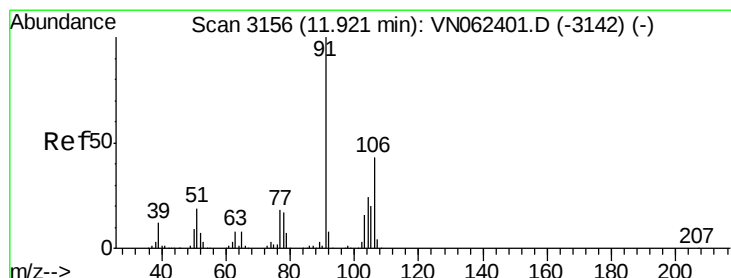
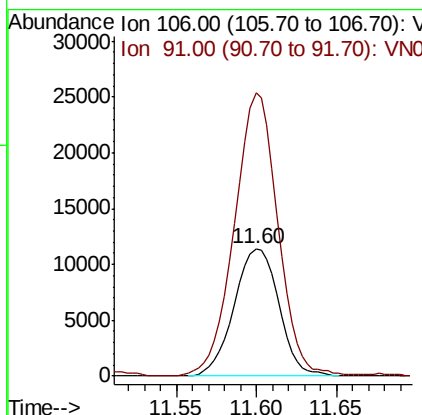
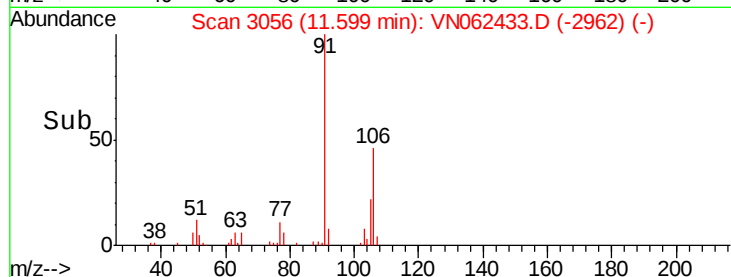
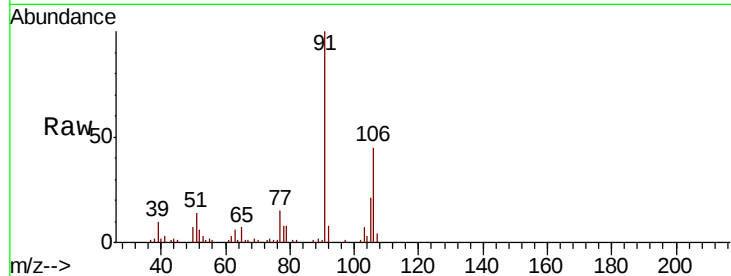




#68
m/p-Xylenes
Concen: 5.362 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.00 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

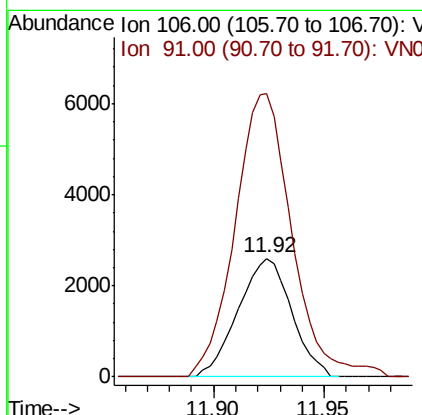
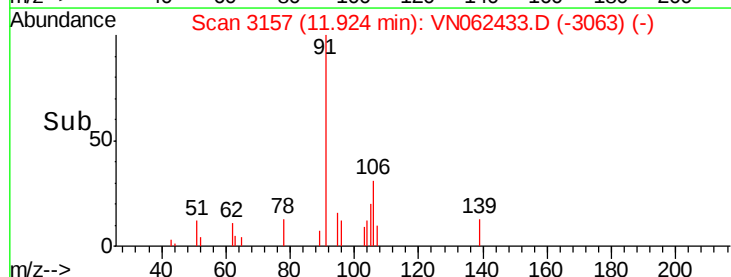
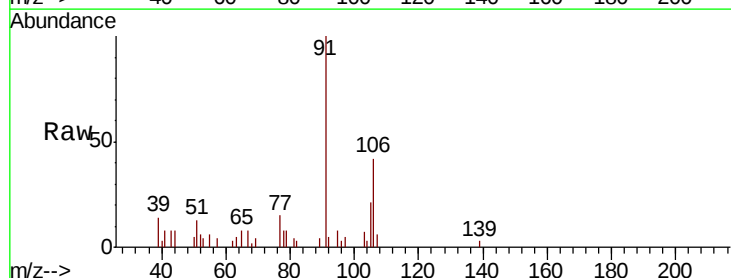
Instrument :
MSVOA_N
ClientSampled :
MW-5

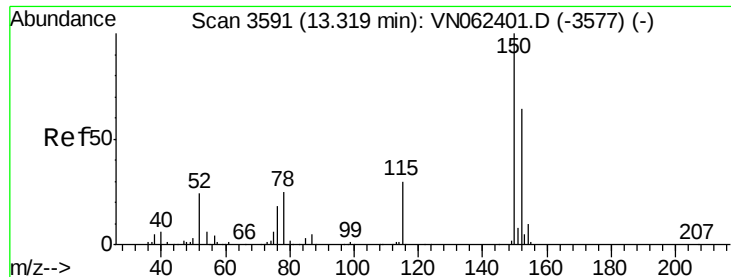
Tot Ion:106 Resp: 21890
Ion Ratio Lower Upper
106 100
91 215.3 172.4 258.6



#69
o-Xylene
Concen: 1.102 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Tgt Ion:106 Resp: 4380
Ion Ratio Lower Upper
106 100
91 254.5 113.8 341.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampleId :

MW-5

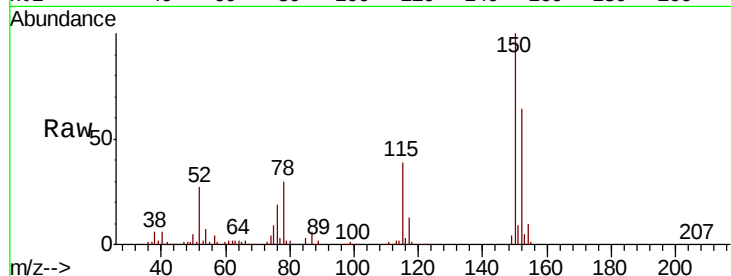
Tot Ion:152 Resp: 127379

Ion Ratio Lower Upper

152 100

115 62.8 31.4 94.2

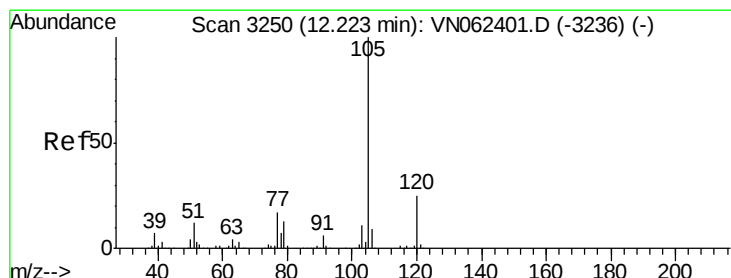
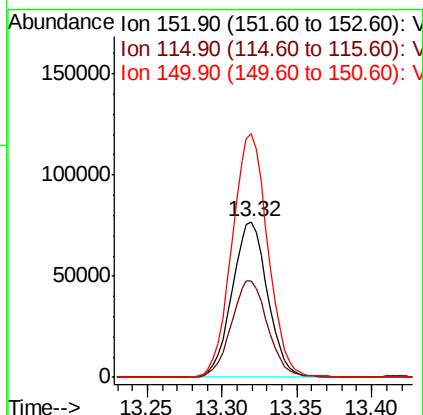
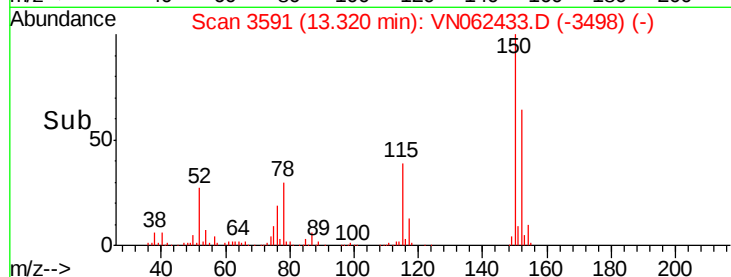
150 158.0 0.0 347.4



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: 3.536 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062433.D

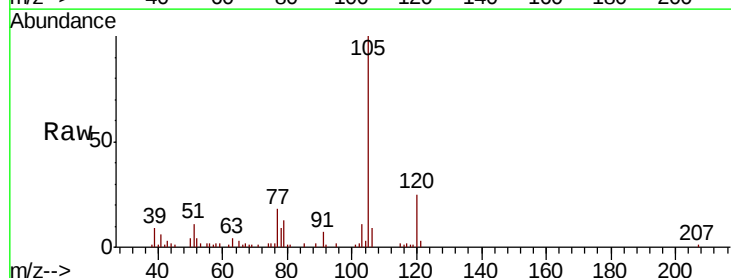
Acq: 9 Jul 2020 2:47

Tgt Ion:105 Resp: 34851

Ion Ratio Lower Upper

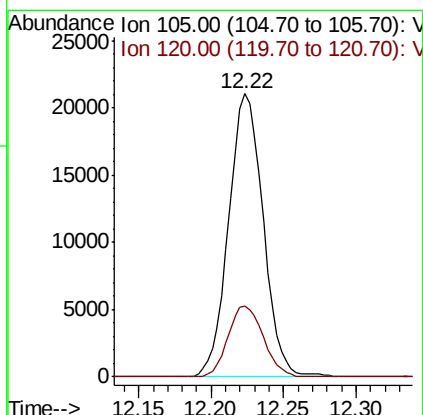
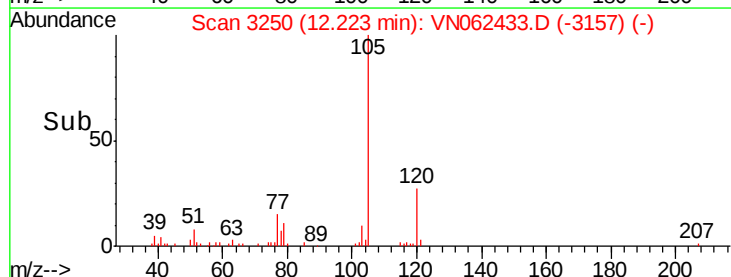
105 100

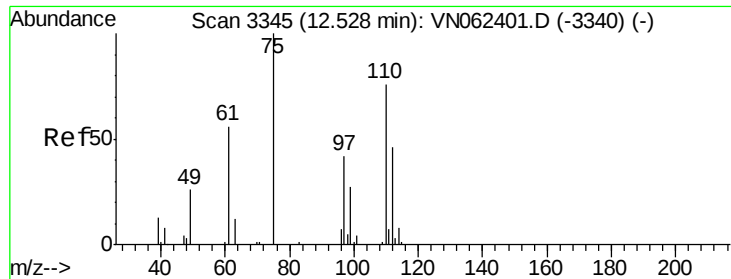
120 25.4 12.7 38.1



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: 26.389 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampled :

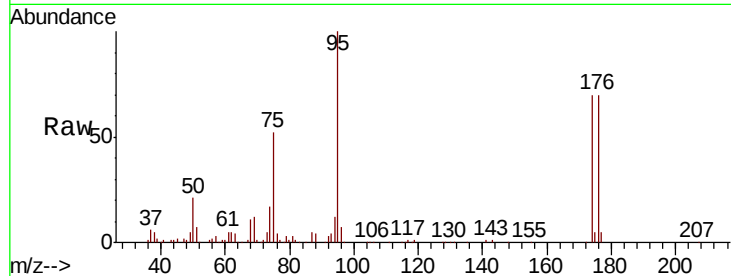
MW-5

Tot Ion: 75 Resp: 82478

Ion Ratio Lower Upper

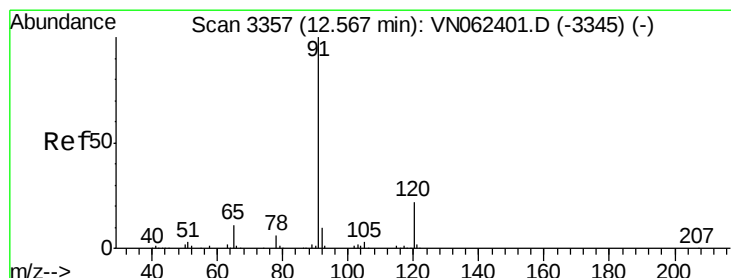
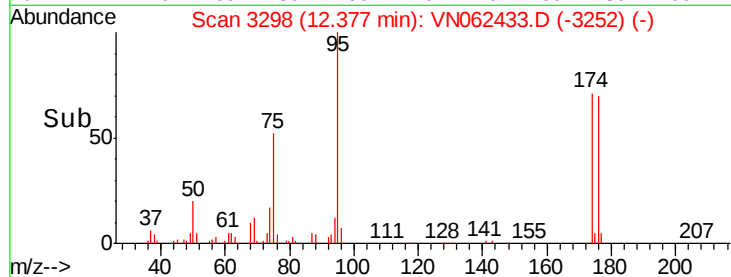
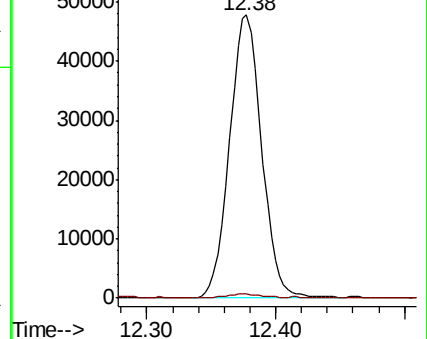
75 100

77 1.5 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: 1.056 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062433.D

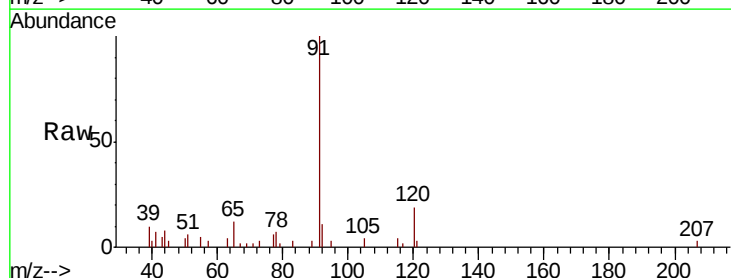
Acq: 9 Jul 2020 2:47

Tgt Ion: 91 Resp: 12157

Ion Ratio Lower Upper

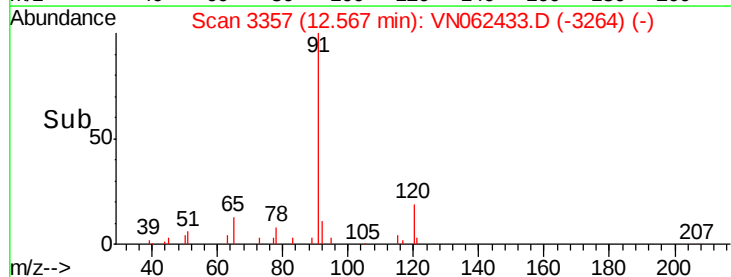
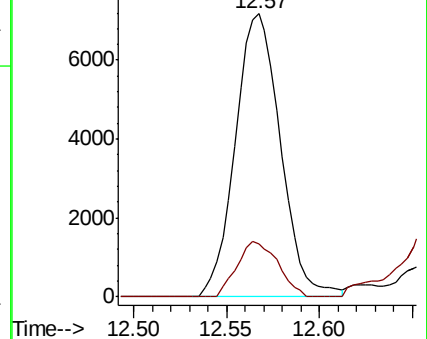
91 100

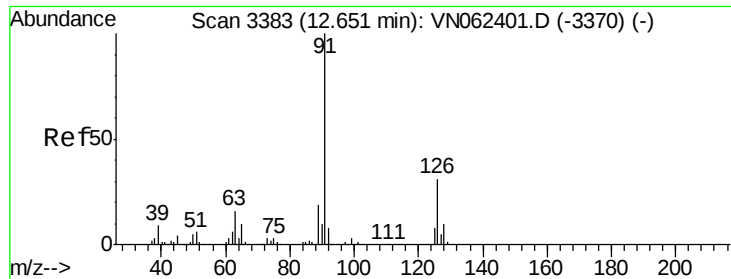
120 17.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

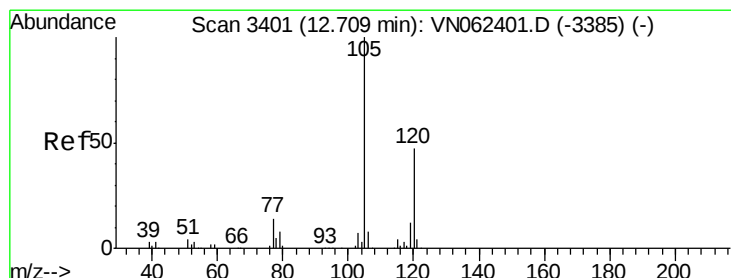
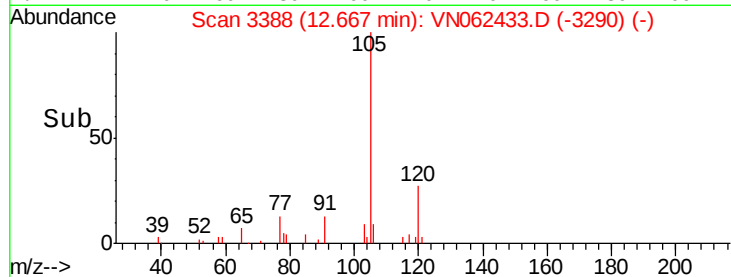
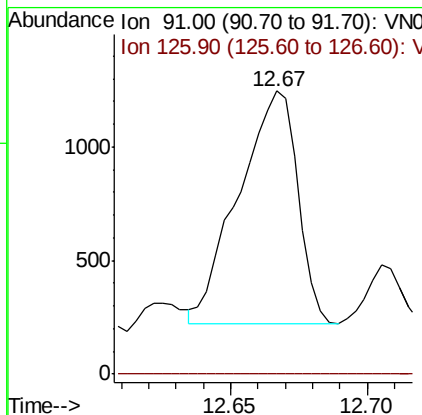
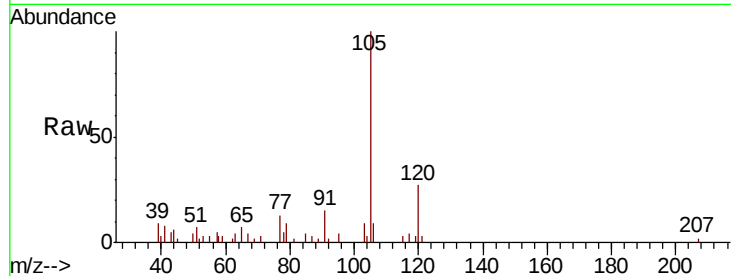




#79
 2-Chlorotoluene
 Concen: 0.219 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.02 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

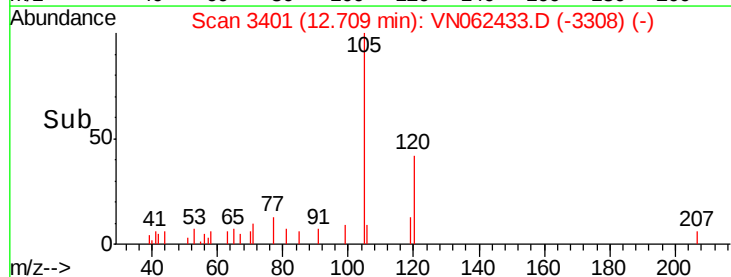
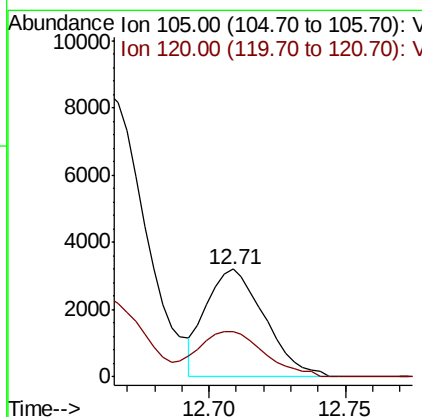
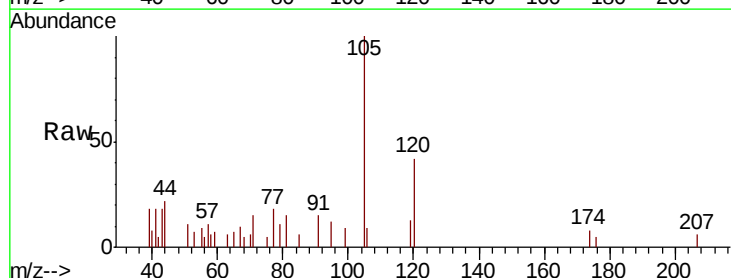
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

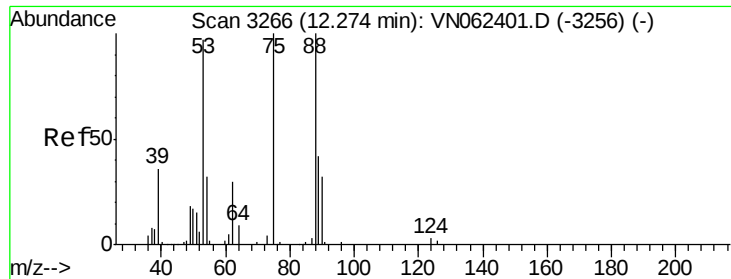
Tot Ion: 91 Resp: 1530
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.6 46.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.593 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

Tgt Ion: 105 Resp: 4789
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 70.633 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampled :

MW-5

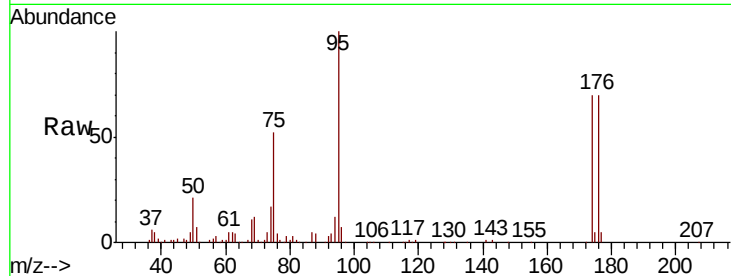
Tot Ion: 75 Resp: 82478

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

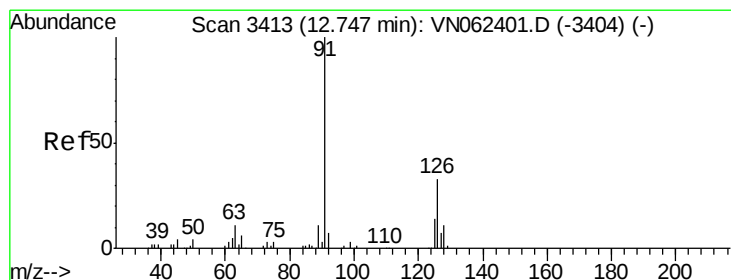
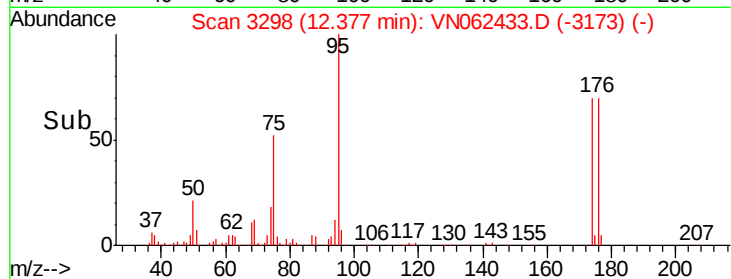
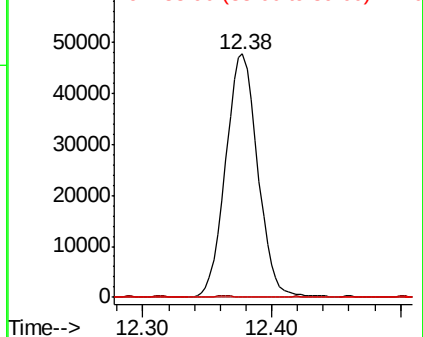
89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.216 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.08 min

Lab File: VN062433.D

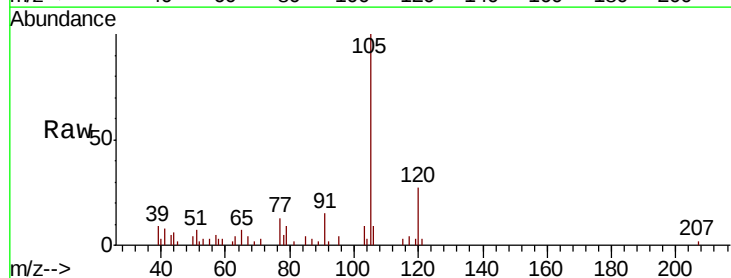
Acq: 9 Jul 2020 2:47

Tgt Ion: 91 Resp: 1530

Ion Ratio Lower Upper

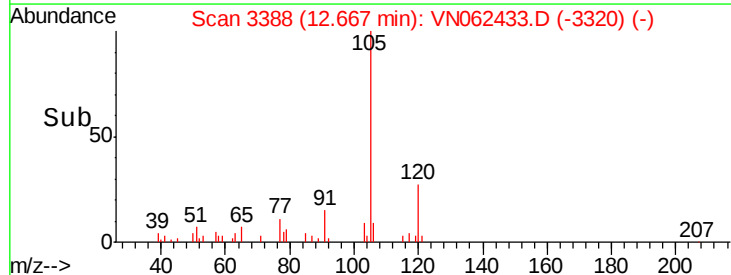
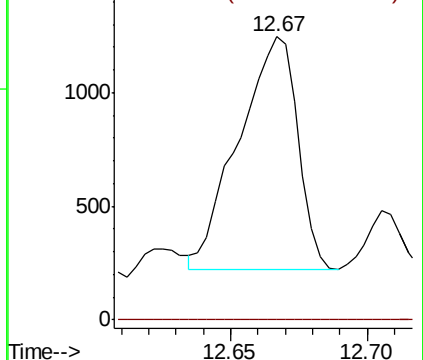
91 100

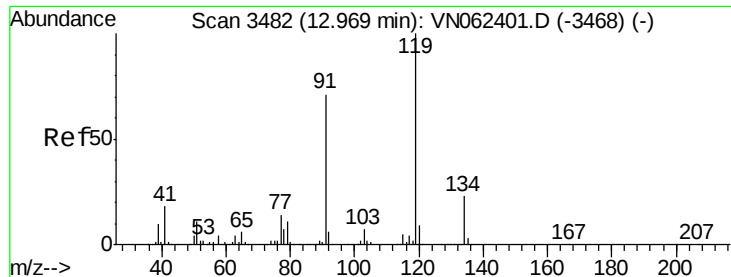
126 0.0 15.2 45.6#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

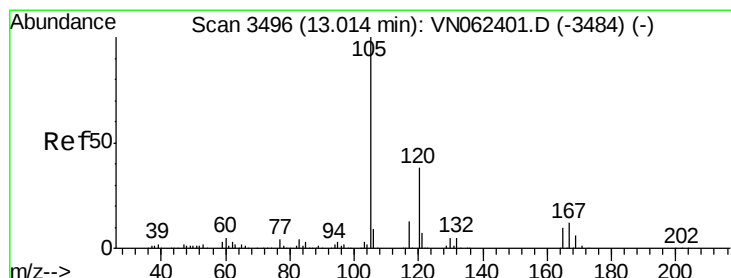
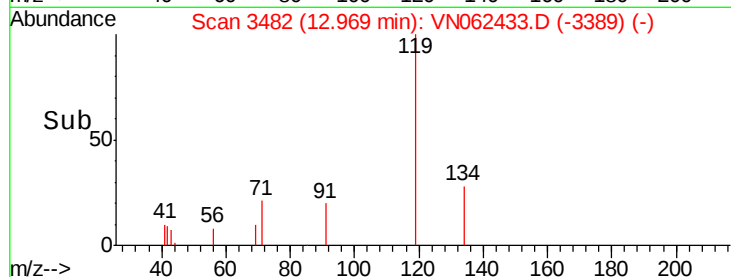
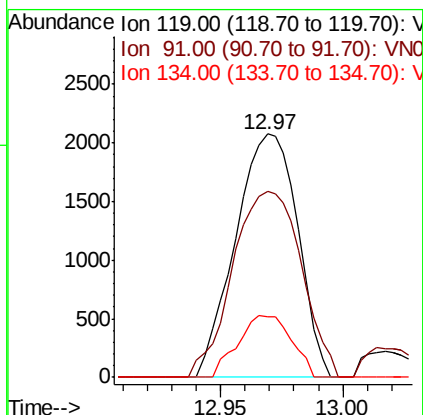
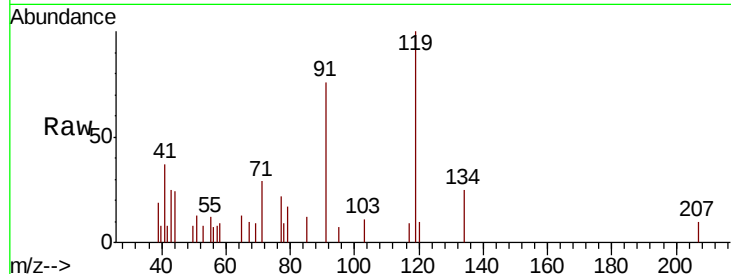




#83
tert-Butylbenzene
Concen: 0.535 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

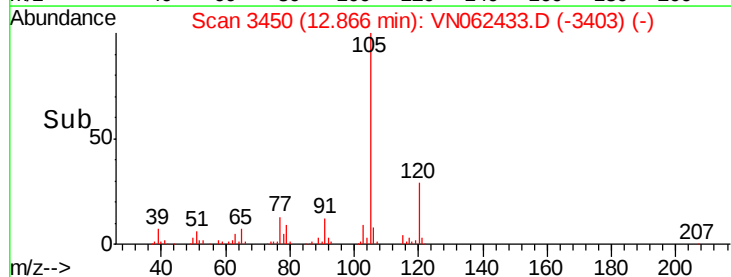
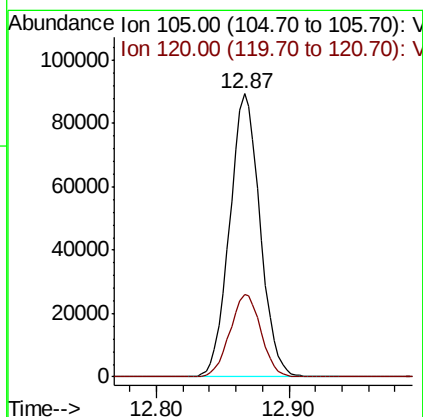
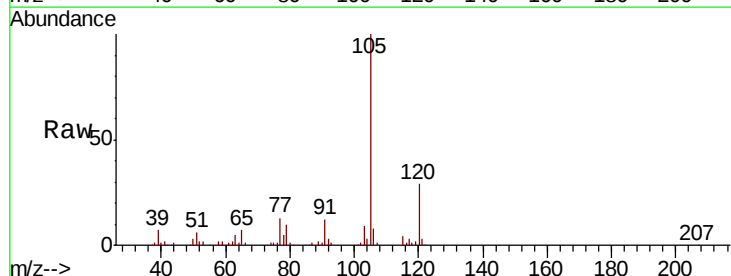
Instrument :
MSVOA_N
ClientSampled :
MW-5

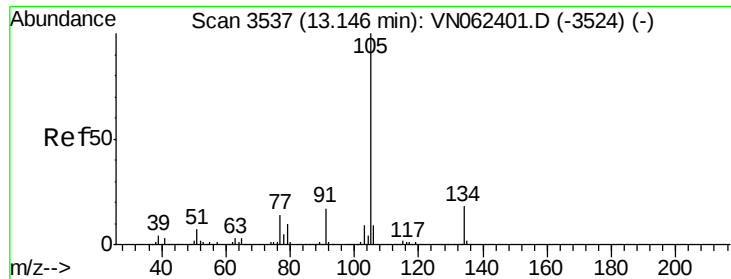
Tot Ion:119 Resp: 3667
Ion Ratio Lower Upper
119 100
91 84.5 34.8 104.3
134 21.8 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 17.730 ug/l
RT: 12.87 min Scan# 3450
Delta R.T. -0.15 min
Lab File: VN062433.D
Acq: 9 Jul 2020 2:47

Tgt Ion:105 Resp: 142406
Ion Ratio Lower Upper
105 100
120 29.7 21.6 64.8

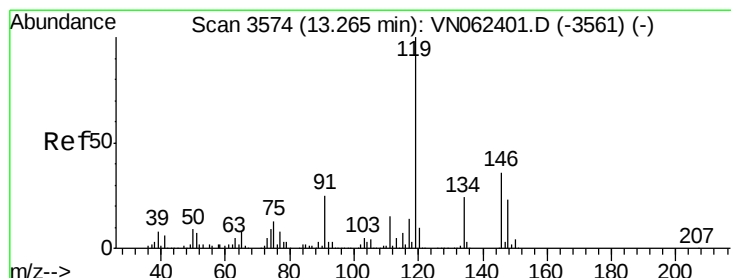
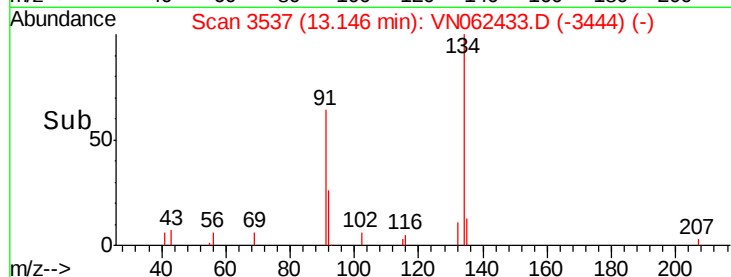
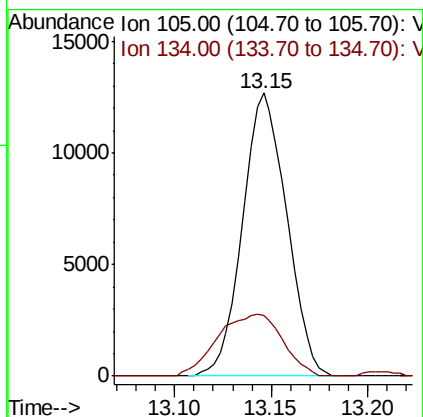
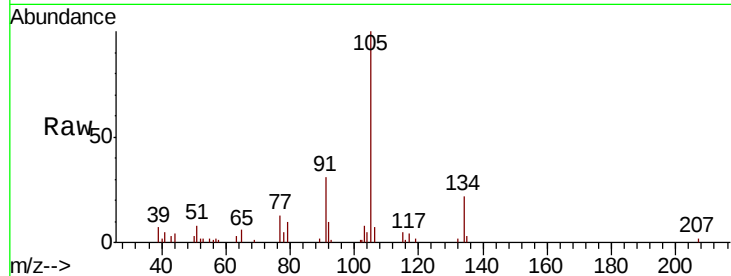




#85
 sec-Butylbenzene
 Concen: 2.212 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

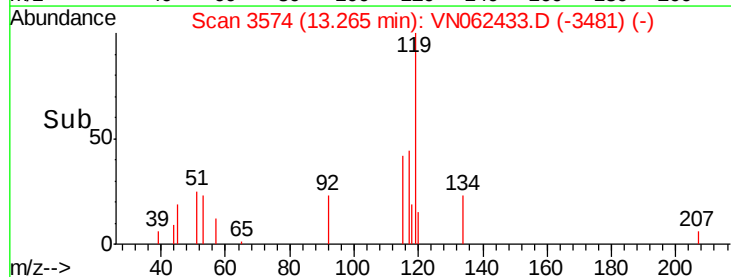
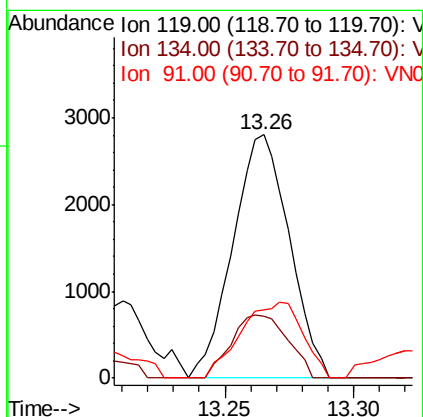
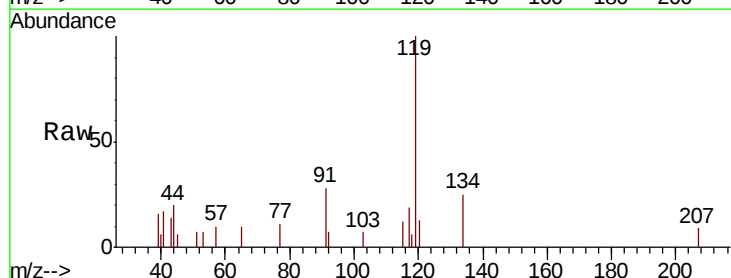
Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

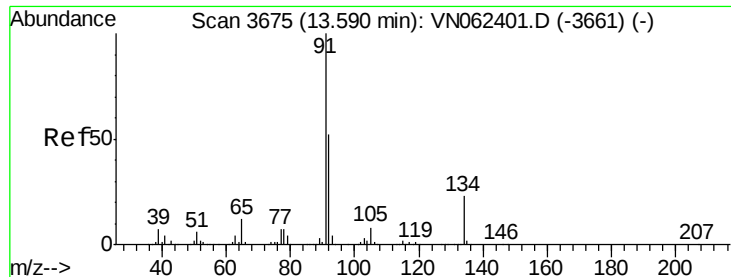
Tot Ion:105 Resp: 20097
 Ion Ratio Lower Upper
 105 100
 134 32.3 9.3 28.0#



#86
 p-Isopropyltoluene
 Concen: 0.547 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062433.D
 Acq: 9 Jul 2020 2:47

Tgt Ion:119 Resp: 4291
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.4 37.0#
 91 0.0 12.4 37.4#





#89

n-Butylbenzene

Concen: 2.418 ug/l

RT: 13.57 min Scan# 3668

Delta R.T. -0.02 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampleId :

MW-5

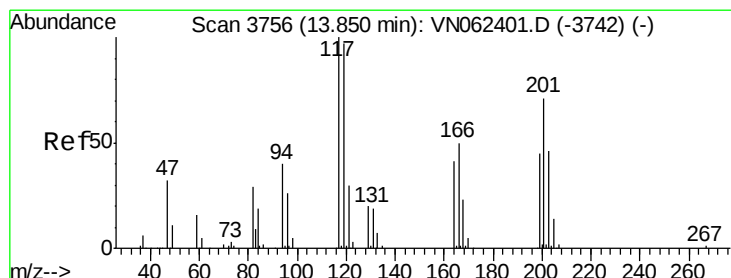
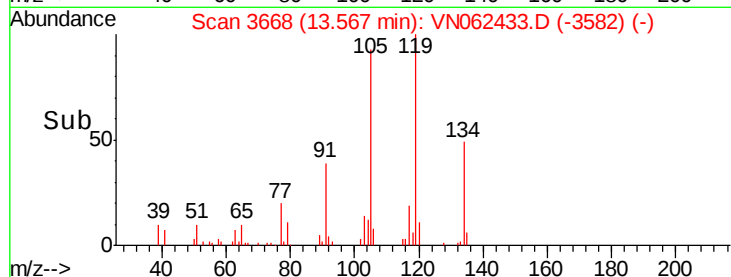
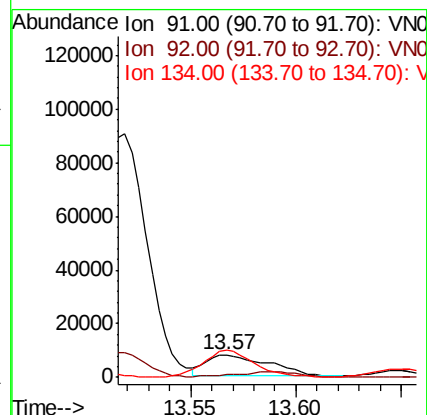
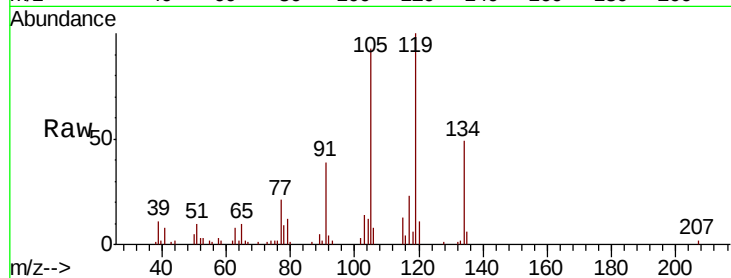
Tot Ion: 91 Resp: 16745

Ion Ratio Lower Upper

91 100

92 0.0 25.9 77.7#

134 102.8 11.6 34.8#



#90

Hexachloroethane

Concen: 13.813 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN062433.D

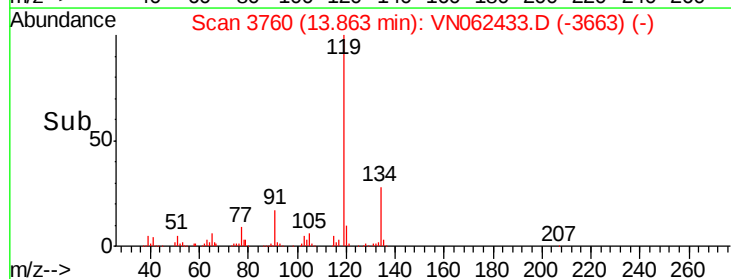
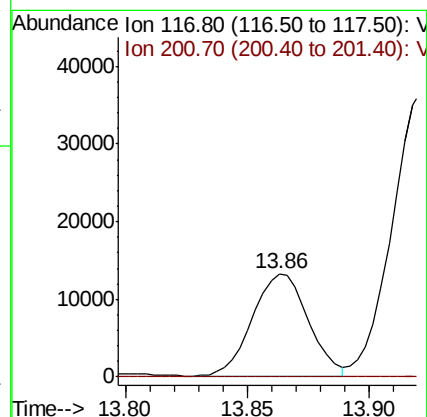
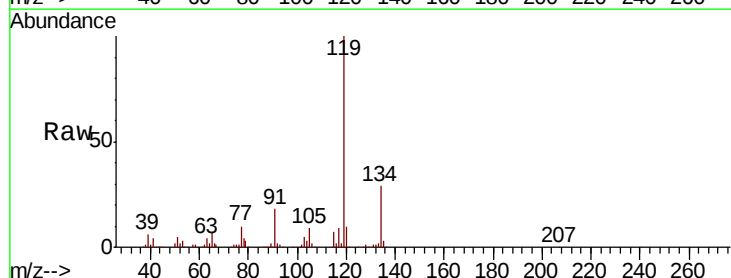
Acq: 9 Jul 2020 2:47

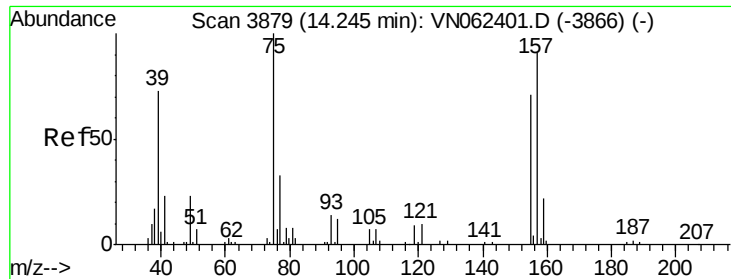
Tgt Ion: 117 Resp: 21309

Ion Ratio Lower Upper

117 100

201 0.0 35.4 106.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.844 ug/l

RT: 14.18 min Scan# 3860

Delta R.T. -0.06 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

Instrument :

MSVOA_N

ClientSampled :

MW-5

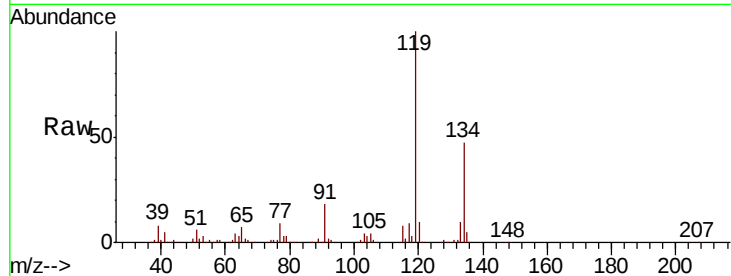
Tot Ion: 75 Resp: 1115

Ion Ratio Lower Upper

75 100

155 0.0 35.2 105.6#

157 0.0 45.8 137.3#



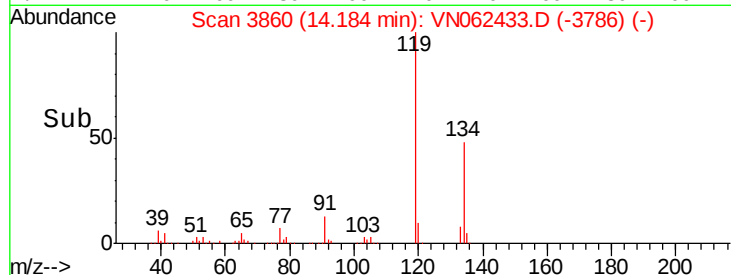
Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3866) (-)

Ion 154.80 (154.50 to 155.50): VN062401.D (-3866) (-)

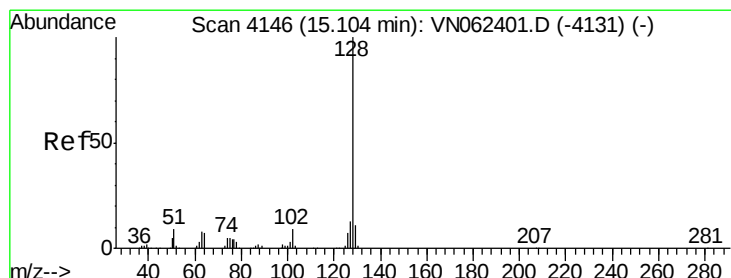
Ion 156.80 (156.50 to 157.50): VN062401.D (-3866) (-)

14.18

Time-->



Time-->



#95

Naphthalene

Concen: 1.504 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062433.D

Acq: 9 Jul 2020 2:47

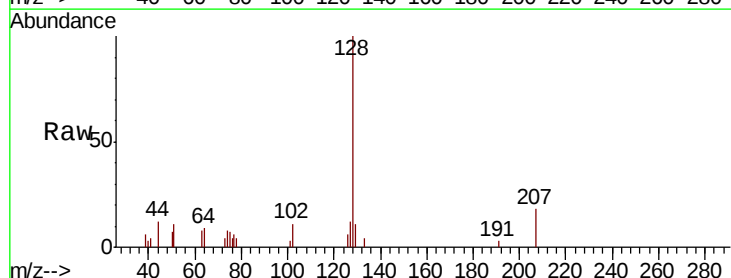
Tgt Ion:128 Resp: 10018

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.2

129 11.0 8.6 12.8



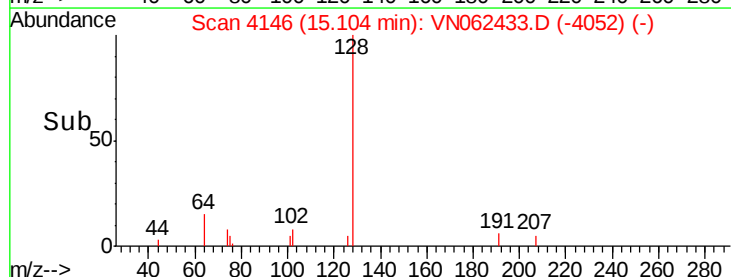
Abundance Ion 128.00 (127.70 to 128.70): VN062401.D (-4131) (-)

Ion 127.00 (126.70 to 127.70): VN062401.D (-4131) (-)

Ion 129.00 (128.70 to 129.70): VN062401.D (-4131) (-)

15.10

Time-->



Time-->