

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012021\
 Data File : VX020677.D
 Acq On : 20 Jan 2021 12:51
 Operator : JC/SP
 Sample : VX0120WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBL01

Quant Time: Jan 20 16:55:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

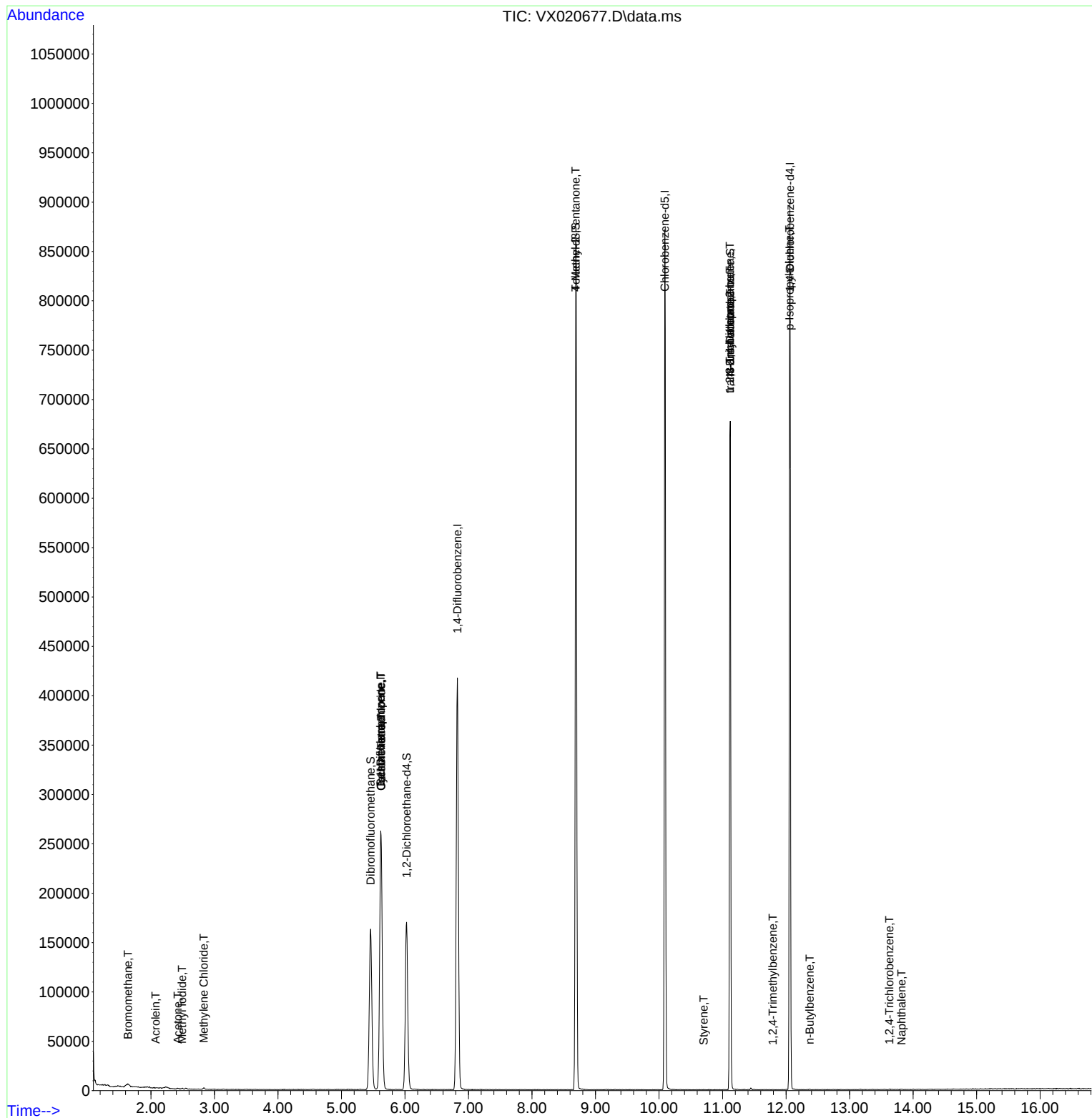
Internal Standards						
1) Pentafluorobenzene	5.617	168	249024	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.824	114	429085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	404360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	178237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	165212	48.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.04%		
35) Dibromofluoromethane	5.458	113	142265	48.12	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.24%		
50) Toluene-d8	8.689	98	522967	49.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.12%		
62) 4-Bromofluorobenzene	11.122	95	195758	48.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.18%		
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	379	0.23	ug/l	88
6) Chloroethane	1.709	64	56	Below Cal	#	43
10) Methyl Iodide	2.489	142	750	0.20	ug/l	96
13) Acrolein	2.075	56	18	30.35	ug/l #	14
16) Acetone	2.422	43	790	0.60	ug/l	91
20) Methylene Chloride	2.831	84	785	0.24	ug/l #	75
31) Cyclohexane	5.623	56	4645	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.617	75	19380	4.48	ug/l #	49
38) Carbon Tetrachloride	5.623	117	25262	5.47	ug/l #	16
51) 4-Methyl-2-Pentanone	8.689	43	1886	0.49	ug/l #	1
70) Styrene	10.701	104	57	1.42	ug/l #	55
74) N-amyl acetate	11.122	43	107	1.96	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	93067	21.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	93067	62.94	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	98	0.41	ug/l	81
86) p-Isopropyltoluene	12.055	119	187	0.90	ug/l #	1
89) n-Butylbenzene	12.372	91	256	1.45	ug/l #	66
93) 1,2,4-Trichlorobenzene	13.628	180	140	2.27	ug/l #	83
95) Naphthalene	13.817	128	340	1.97	ug/l #	69

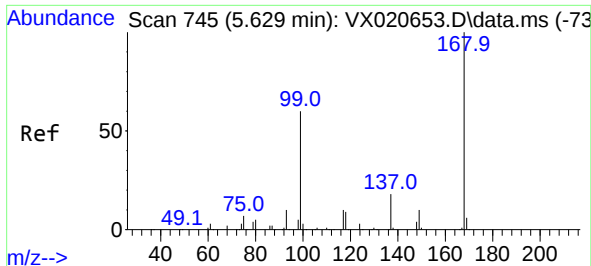
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 14:09:08 2021
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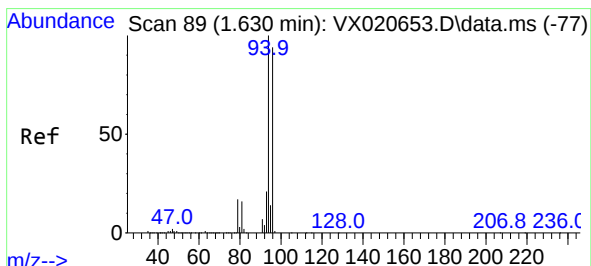
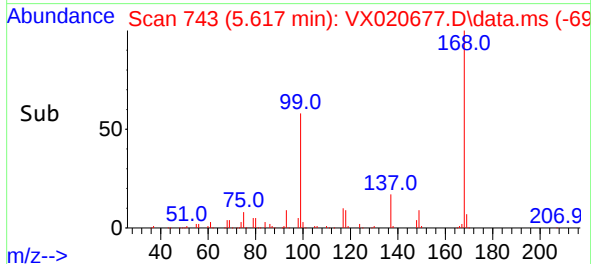
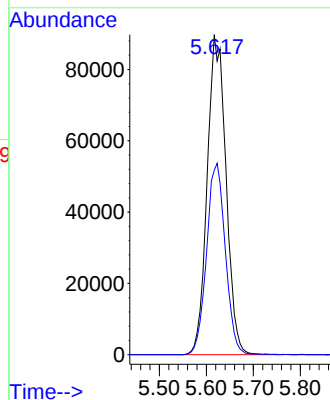
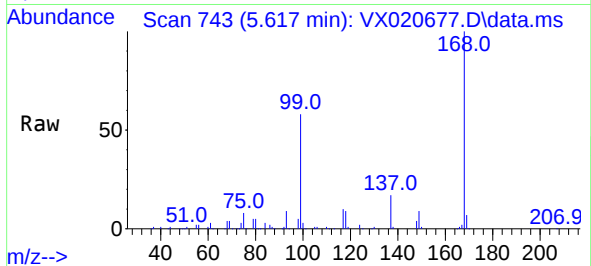




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.012 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

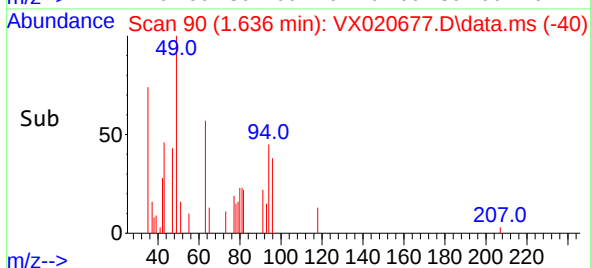
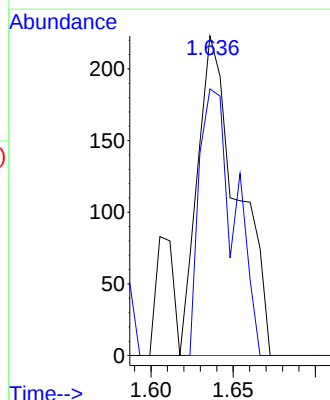
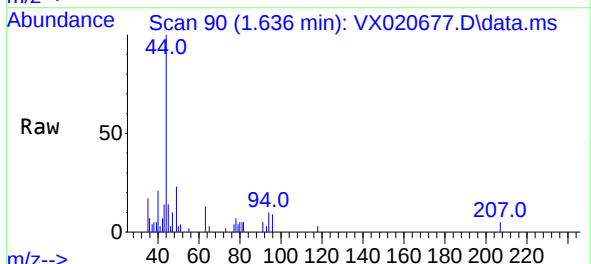
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

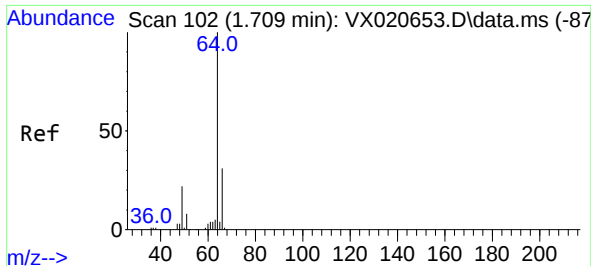
Tgt Ion:168 Resp: 249024
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 83.4 76.4 114.6

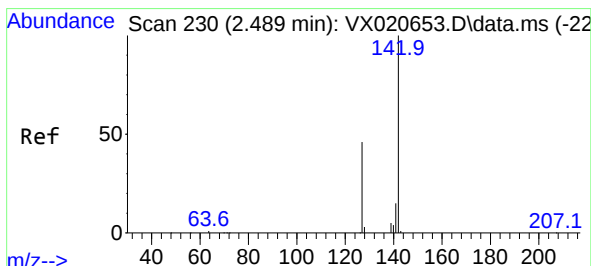
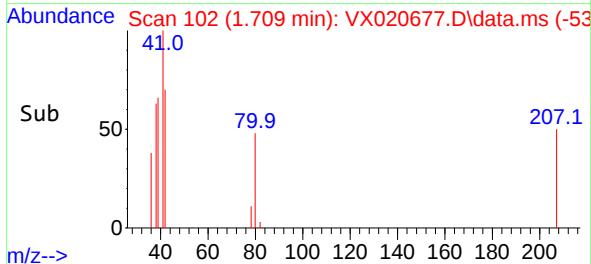
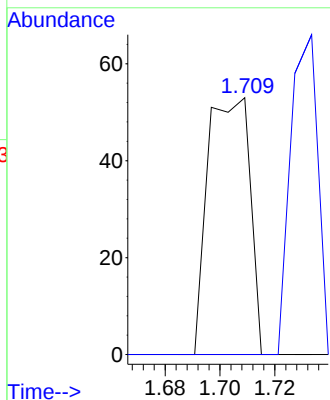
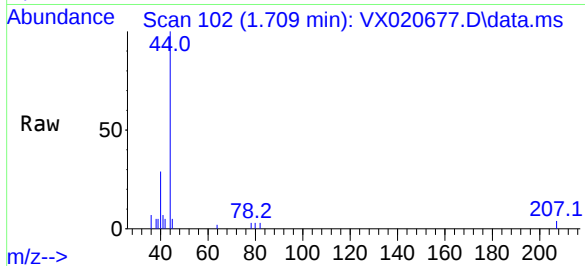




#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

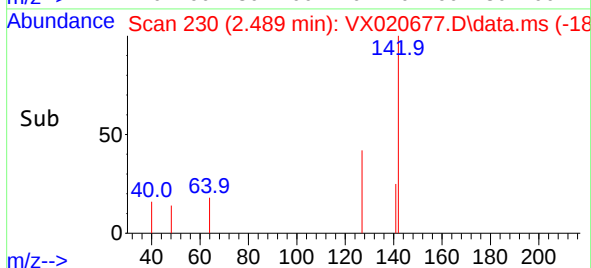
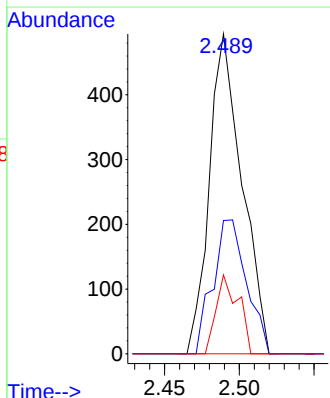
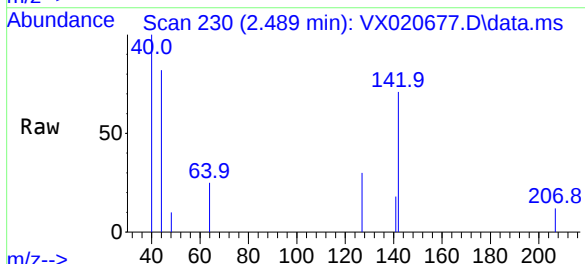
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

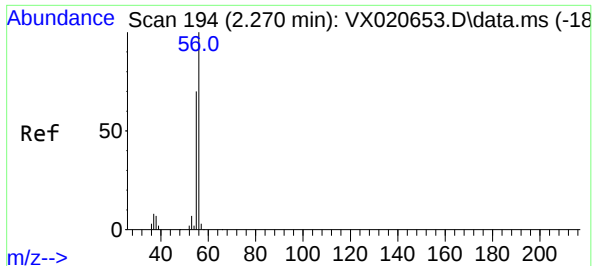
Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.20 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Tgt Ion: 142 Resp: 750
Ion Ratio Lower Upper
142 100
127 43.2 33.3 49.9
141 16.8 11.4 17.0

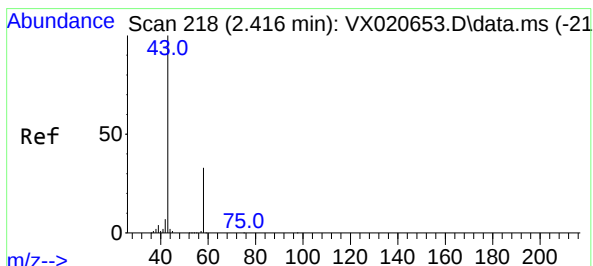
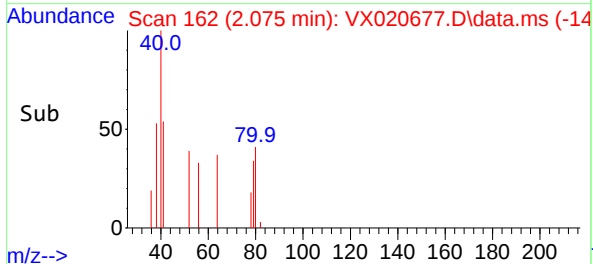
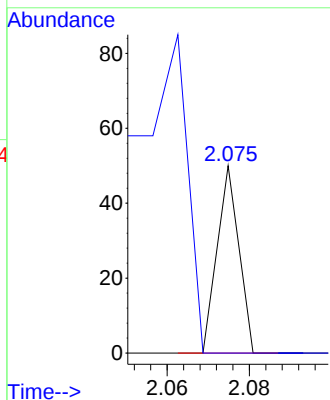
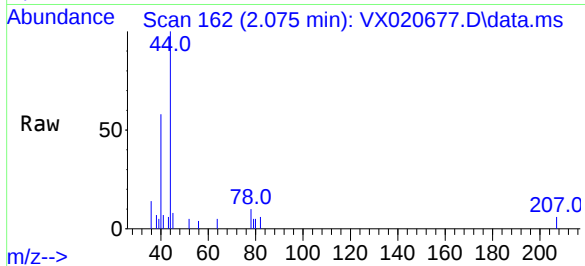




#13
Acrolein
Concen: 30.35 ug/l
RT: 2.075 min Scan# 162
Delta R.T. -0.195 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

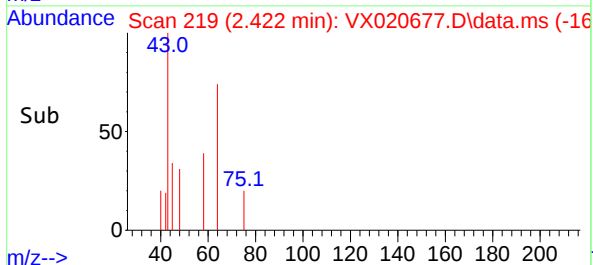
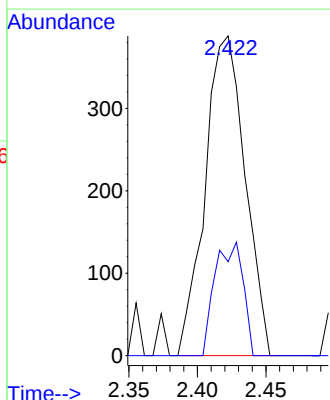
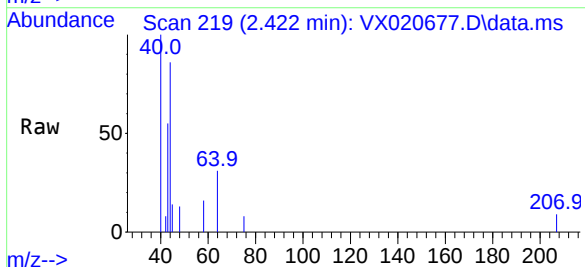
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

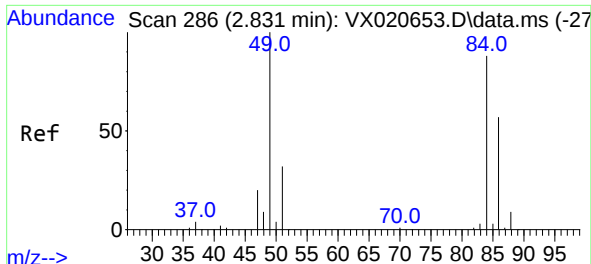
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.60 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8





#20

Methylene Chloride

Concen: 0.24 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

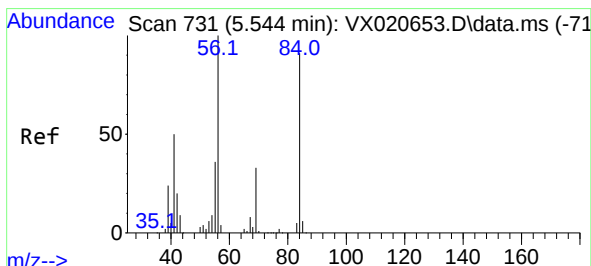
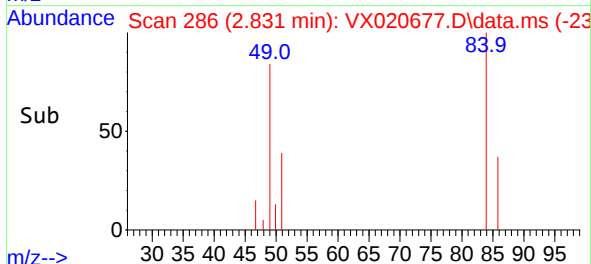
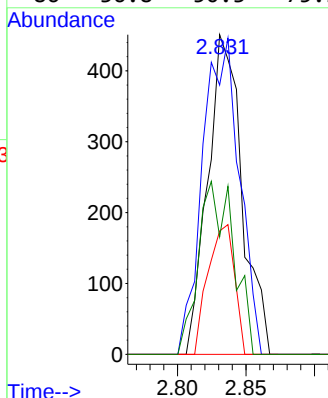
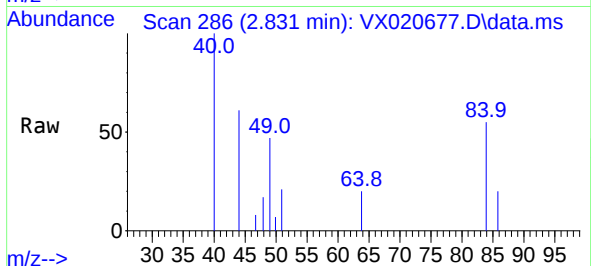
Lab File: VX020677.D

Acq: 20 Jan 2021 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

Tgt Ion: 84 Resp: 785

Ion	Ratio	Lower	Upper
84	100		
49	84.3	88.6	132.8#
51	38.6	27.0	40.6
86	36.8	50.3	75.5#



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 5.623 min Scan# 744

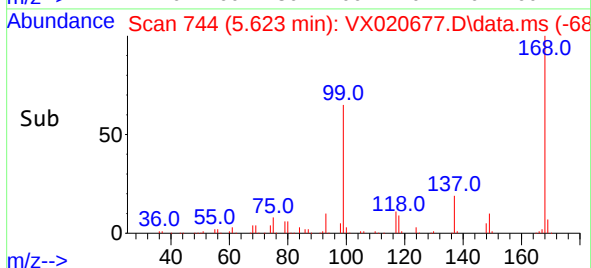
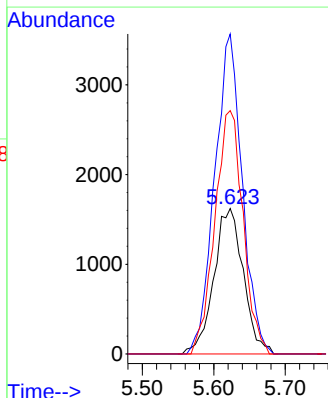
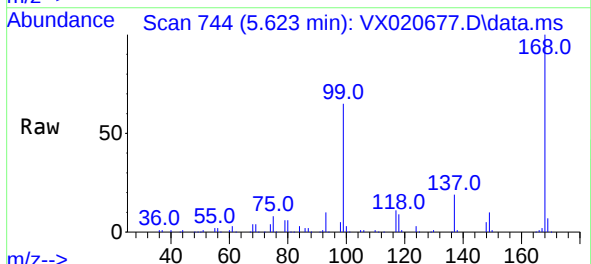
Delta R.T. 0.079 min

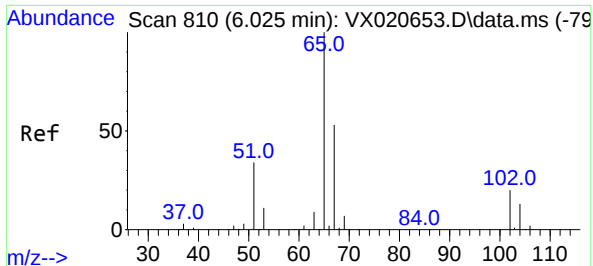
Lab File: VX020677.D

Acq: 20 Jan 2021 12:51

Tgt Ion: 56 Resp: 4645

Ion	Ratio	Lower	Upper
56	100		
69	220.0	25.3	37.9#
84	167.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.52 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020677.D

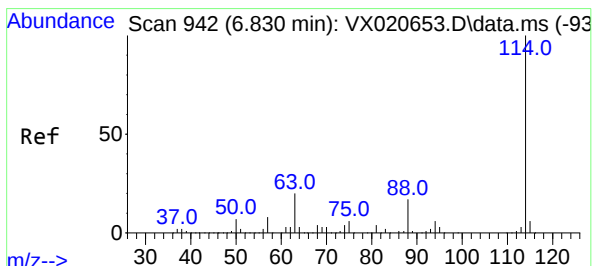
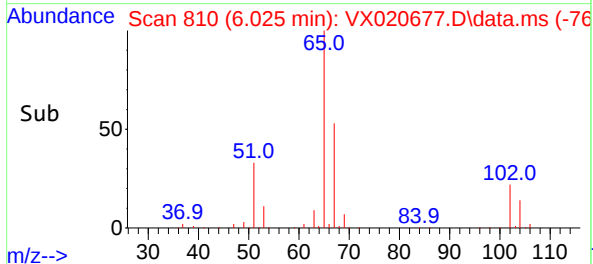
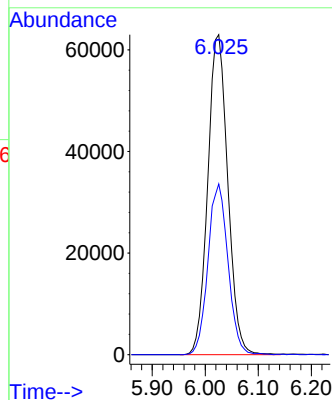
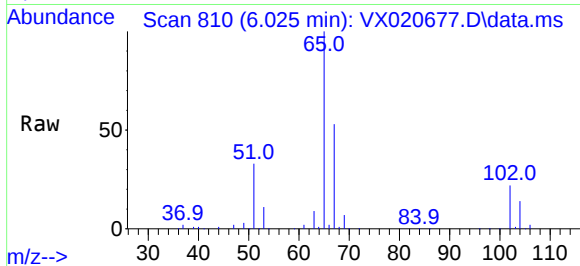
Acq: 20 Jan 2021 12:51

Tgt Ion: 65 Resp: 165212

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.006 min

Lab File: VX020677.D

Acq: 20 Jan 2021 12:51

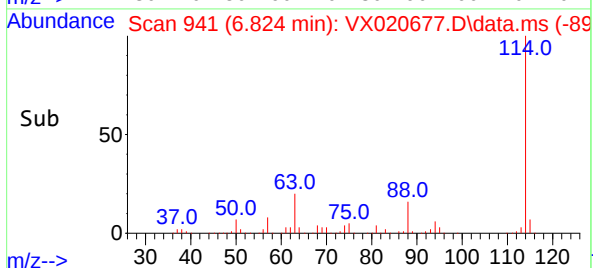
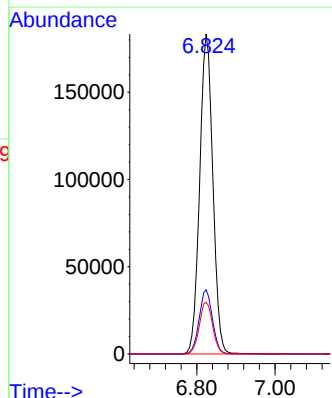
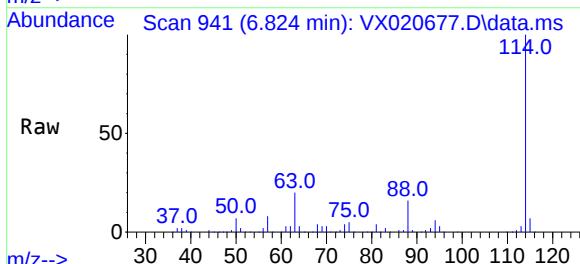
Tgt Ion: 114 Resp: 429085

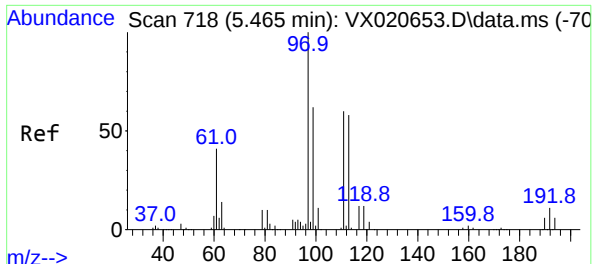
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 16.1 0.0 32.8



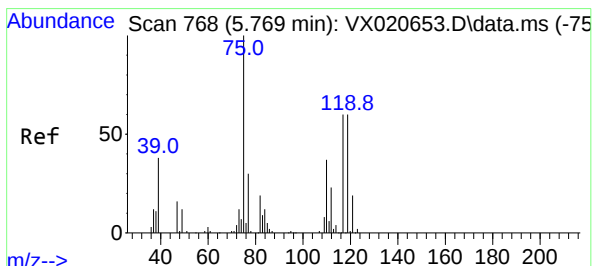
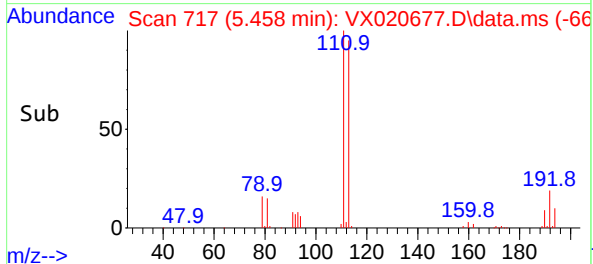
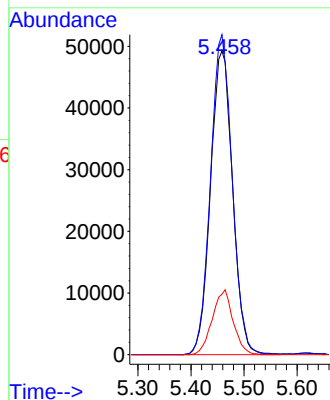
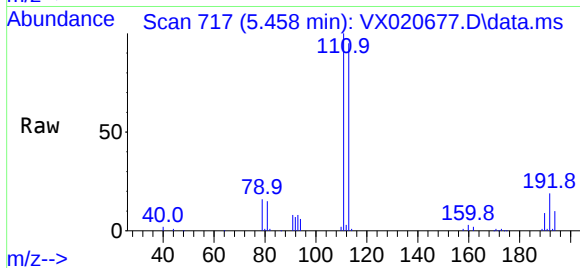


#35
Dibromofluoromethane
Concen: 48.12 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Instrument :
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Tgt Ion:113 Resp: 142265

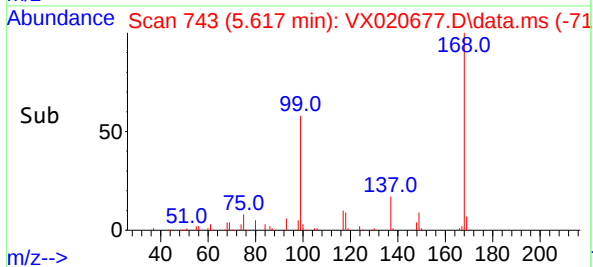
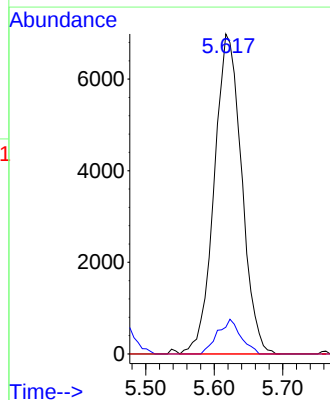
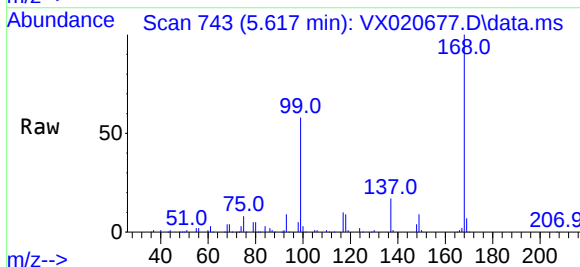
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	20.2	16.7	25.1

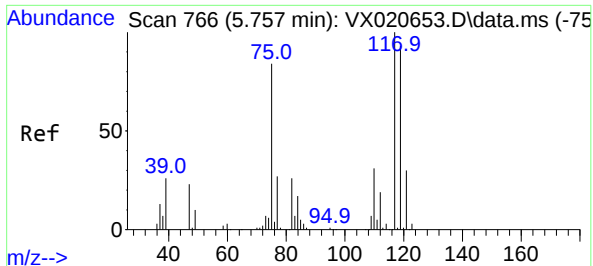


#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.152 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Tgt Ion: 75 Resp: 19380

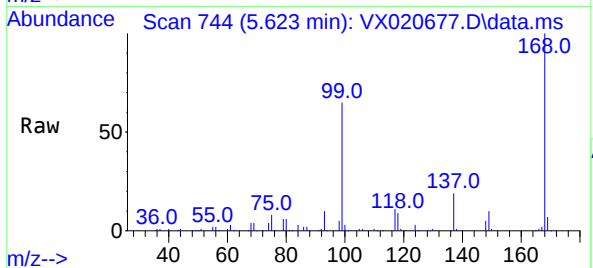
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	25.3	37.9#



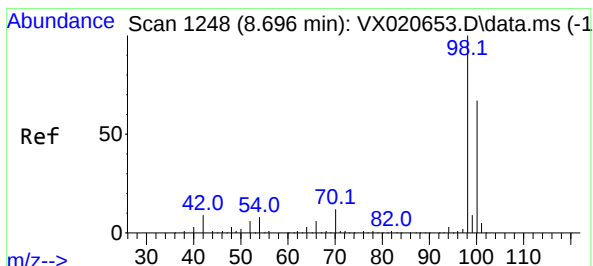
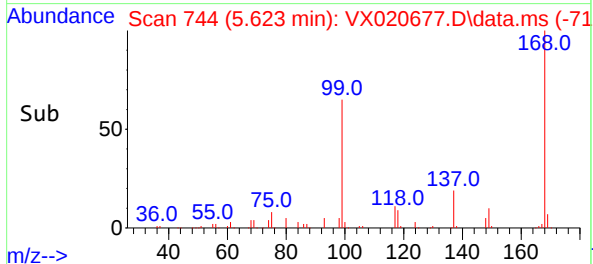
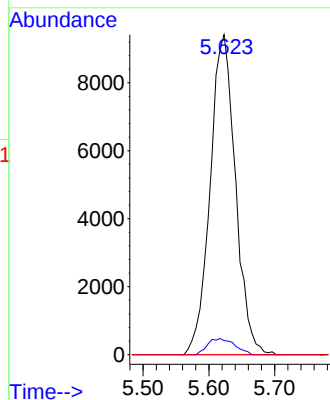


#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.134 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

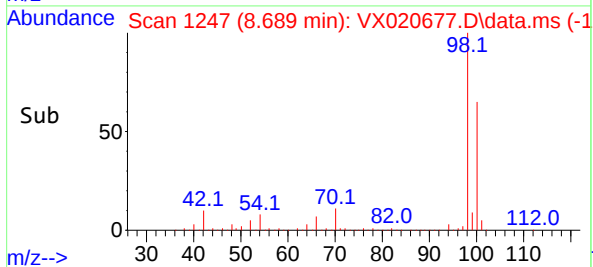
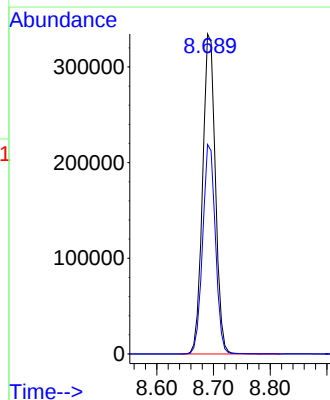
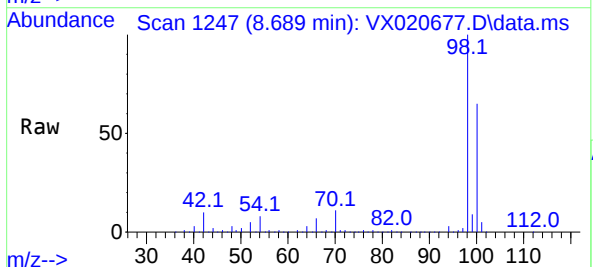


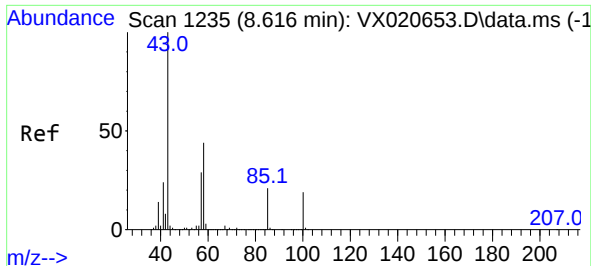
Tgt Ion:117 Resp: 25262
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.007 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Tgt Ion: 98 Resp: 522967
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

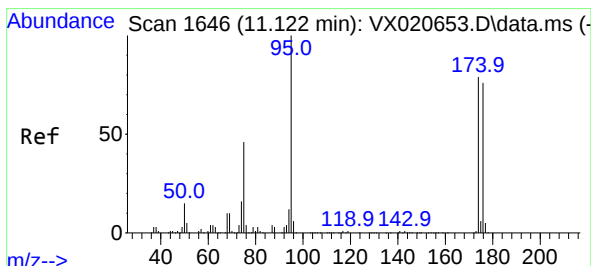
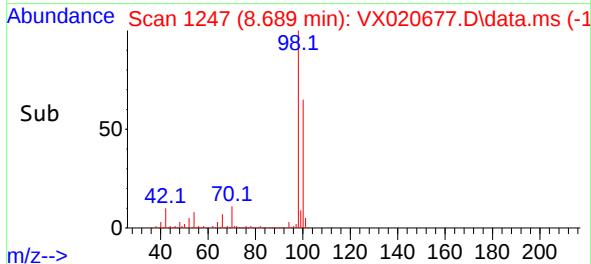
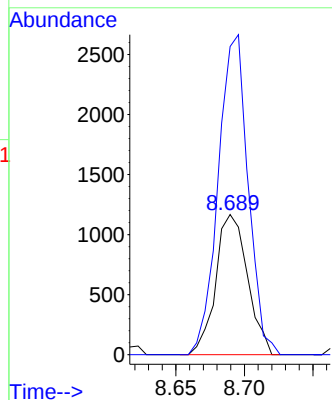
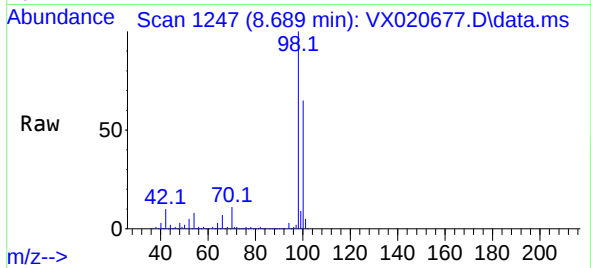




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

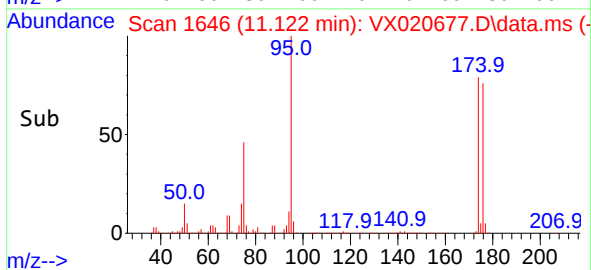
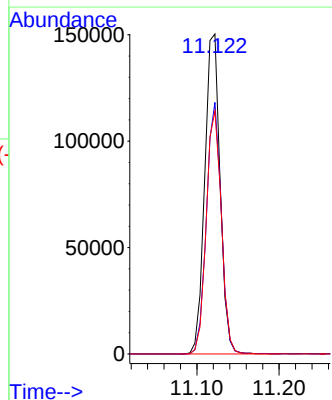
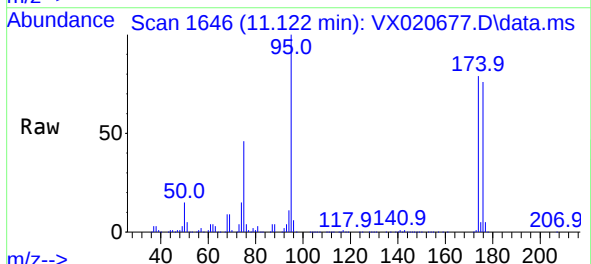
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

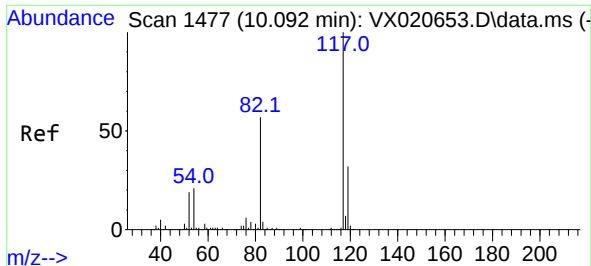
Tgt Ion: 43 Resp: 1886
Ion Ratio Lower Upper
43 100
58 214.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.59 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Tgt Ion: 95 Resp: 195758
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 74.6 0.0 155.8

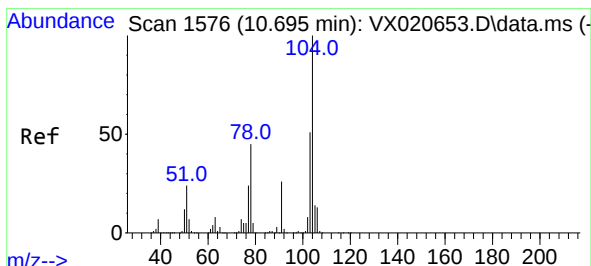
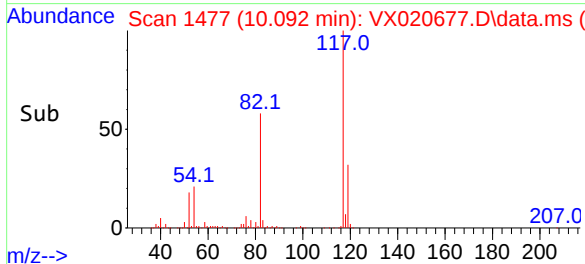
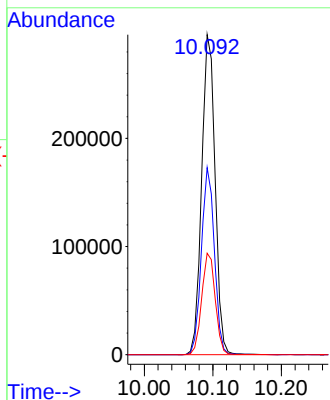
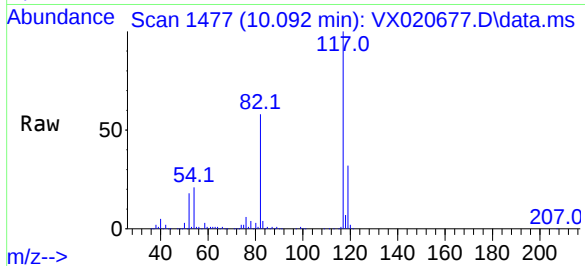




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

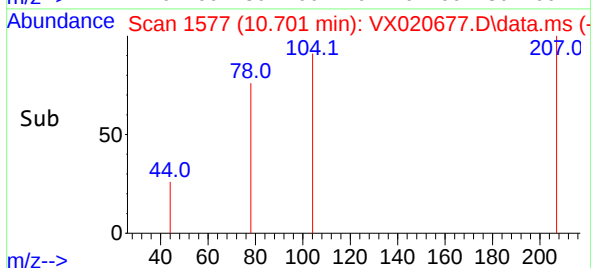
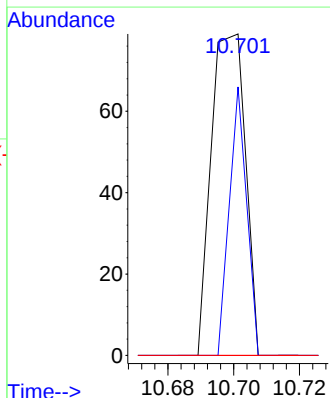
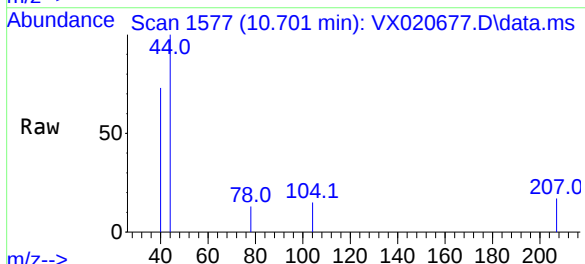
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

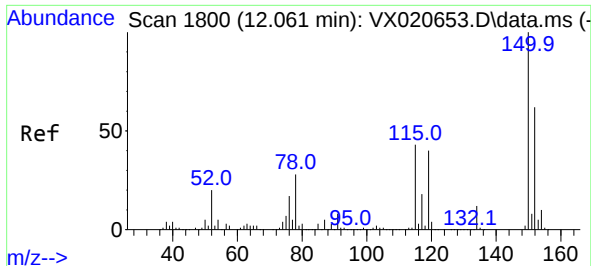
Tgt Ion:	117	Resp:	404360
Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.4	71.2
119	31.7	26.6	39.8



#70
Styrene
Concen: 1.42 ug/l
RT: 10.701 min Scan# 1577
Delta R.T. 0.006 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Tgt Ion:	104	Resp:	57
Ion	Ratio	Lower	Upper
104	100		
78	42.1	40.0	60.0
103	0.0	43.4	65.0#

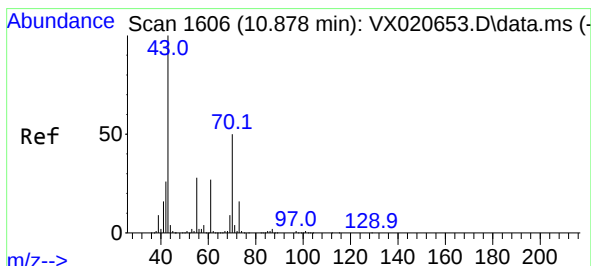
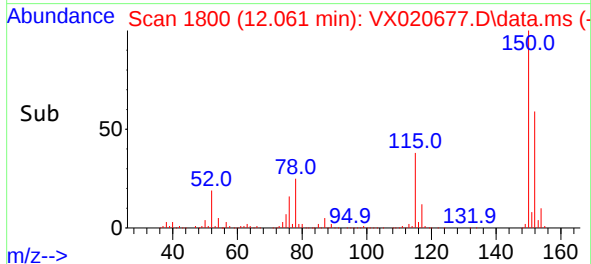
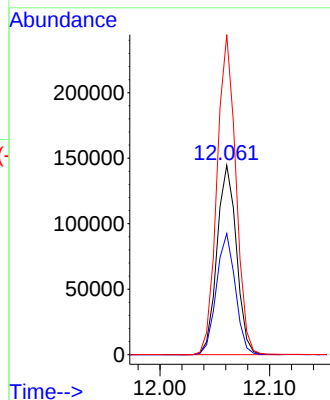
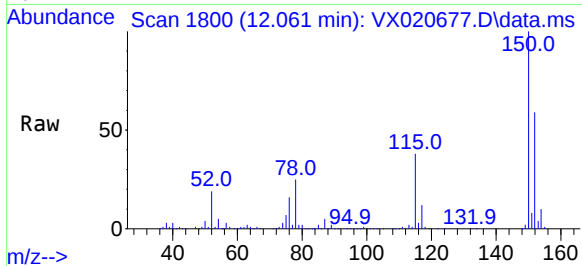




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

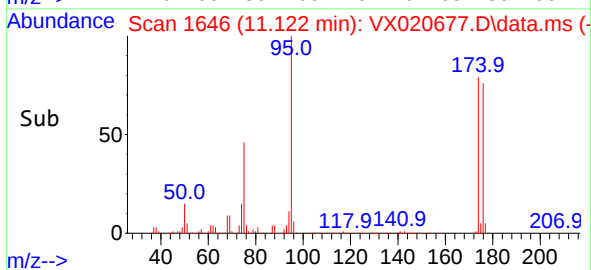
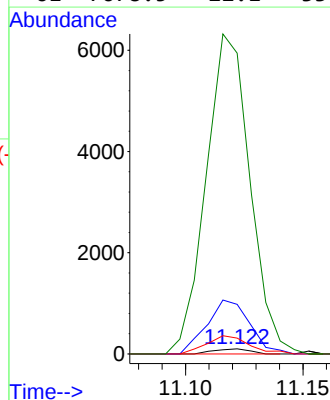
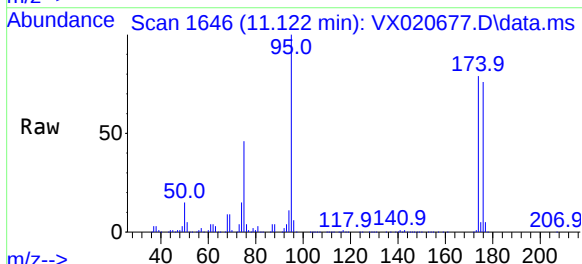
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

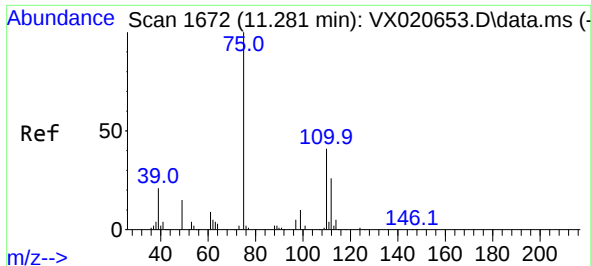
Tgt Ion:152 Resp: 178237
Ion Ratio Lower Upper
152 100
115 62.5 41.1 123.3
150 164.5 0.0 349.0



#74
N-ethyl acetate
Concen: 1.96 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
70 1266.4 39.0 58.6#
55 426.2 21.5 32.3#
61 7678.5 22.1 33.1#

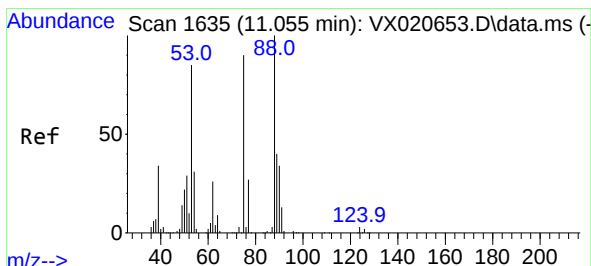
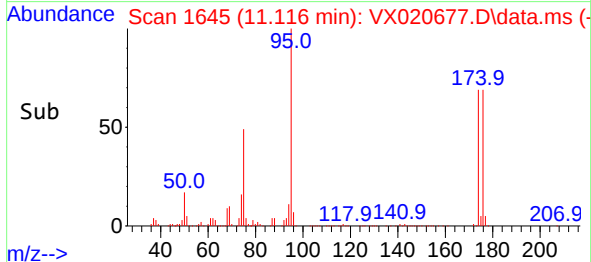
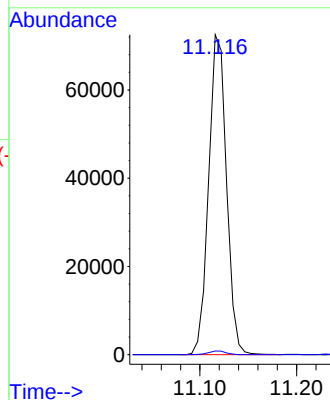
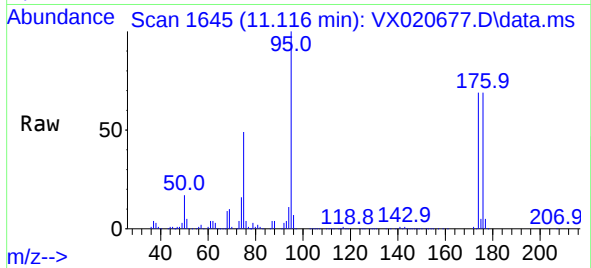




#76
1,2,3-Trichloropropane
Concen: 21.76 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

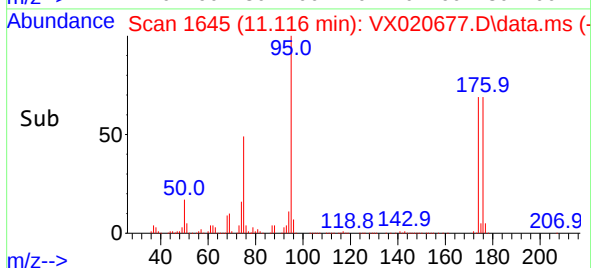
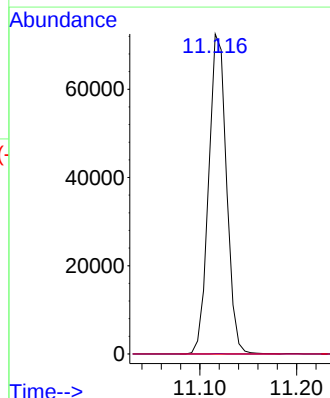
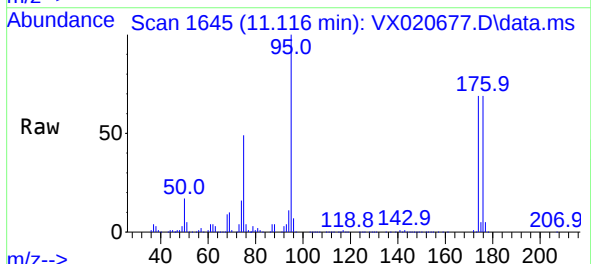
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

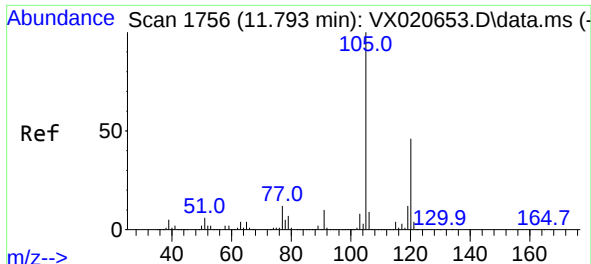
Tgt Ion: 75 Resp: 93067
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.94 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Tgt Ion: 75 Resp: 93067
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

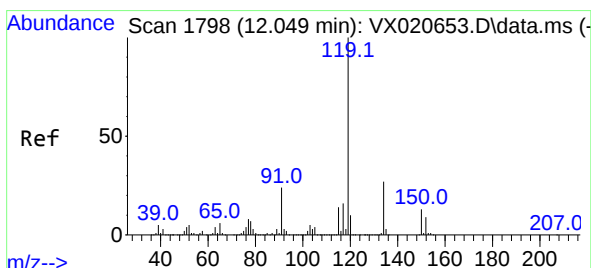
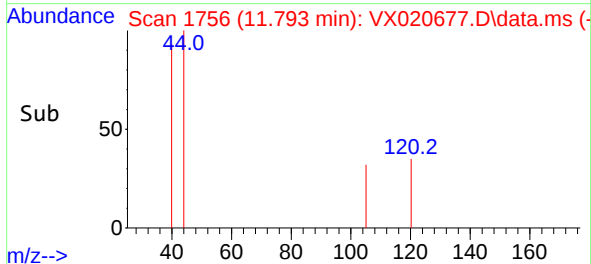
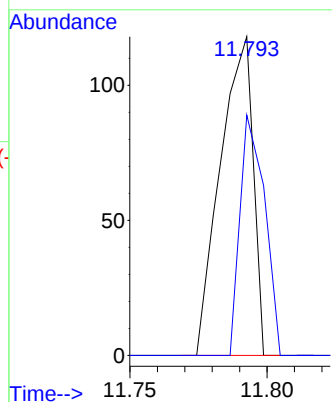
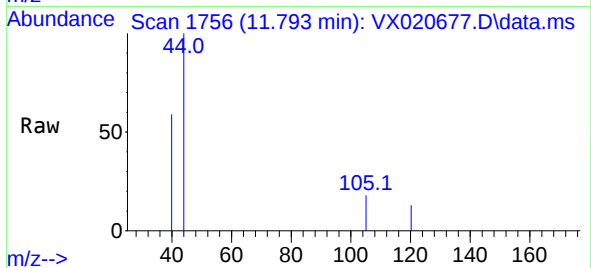




#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

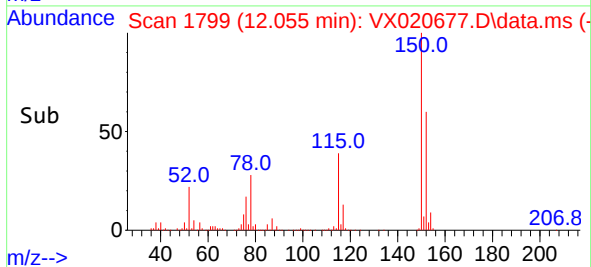
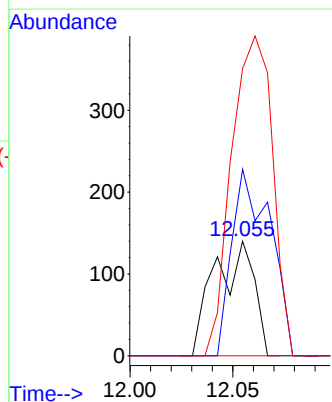
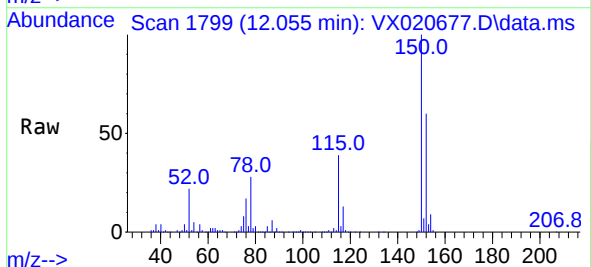
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

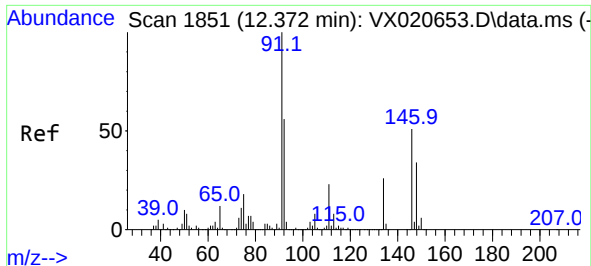
Tgt Ion:105 Resp: 98
Ion Ratio Lower Upper
105 100
120 57.1 22.4 67.3



#86
p-Isopropyltoluene
Concen: 0.90 ug/l
RT: 12.055 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

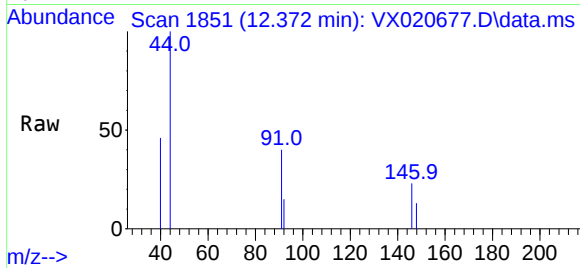
Tgt Ion:119 Resp: 187
Ion Ratio Lower Upper
119 100
134 158.8 12.9 38.7#
91 290.9 11.7 35.0#



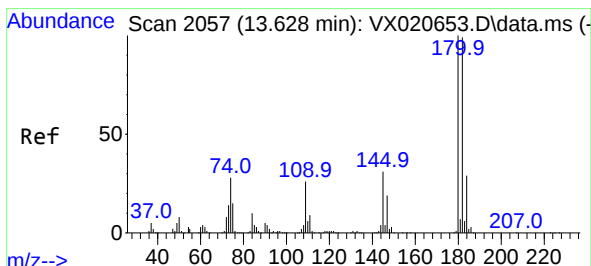
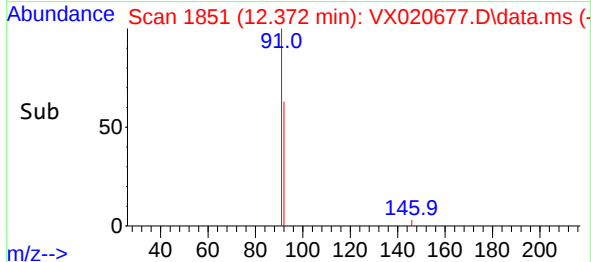
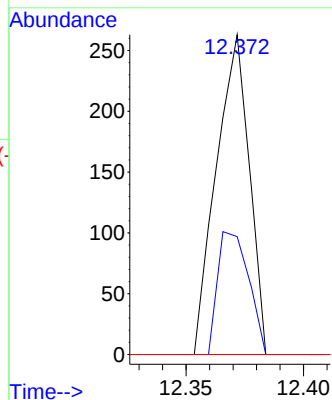


#89
n-Butylbenzene
Concen: 1.45 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

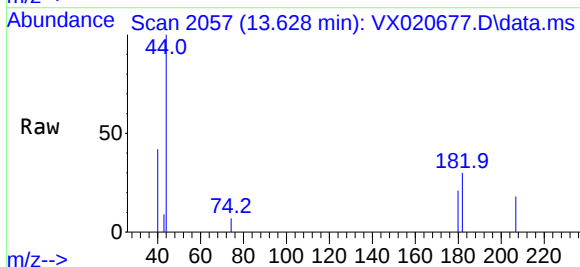
Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01



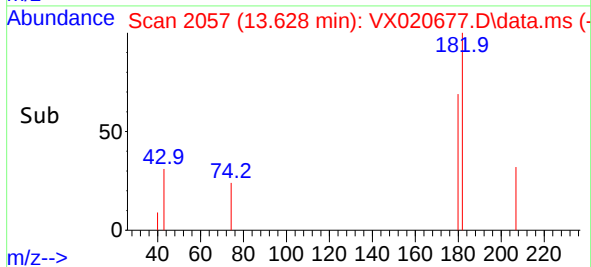
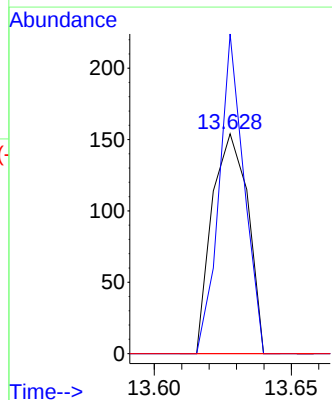
Tgt Ion: 91	Resp:	256
Ion	Ratio	Lower Upper
91	100	
92	36.3	27.4 82.0
134	0.0	13.2 39.5#

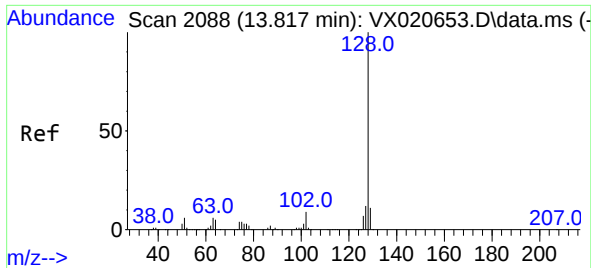


#93
1,2,4-Trichlorobenzene
Concen: 2.27 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51



Tgt Ion: 180	Resp:	140
Ion	Ratio	Lower Upper
180	100	
182	100.7	47.7 143.1
145	0.0	15.0 45.0#





#95
Naphthalene
Concen: 1.97 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020677.D
Acq: 20 Jan 2021 12:51

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBL01

Tgt Ion:	128	Resp:	340
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

