

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012021\
 Data File : VX020682.D
 Acq On : 20 Jan 2021 15:37
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 20 16:57:36 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)

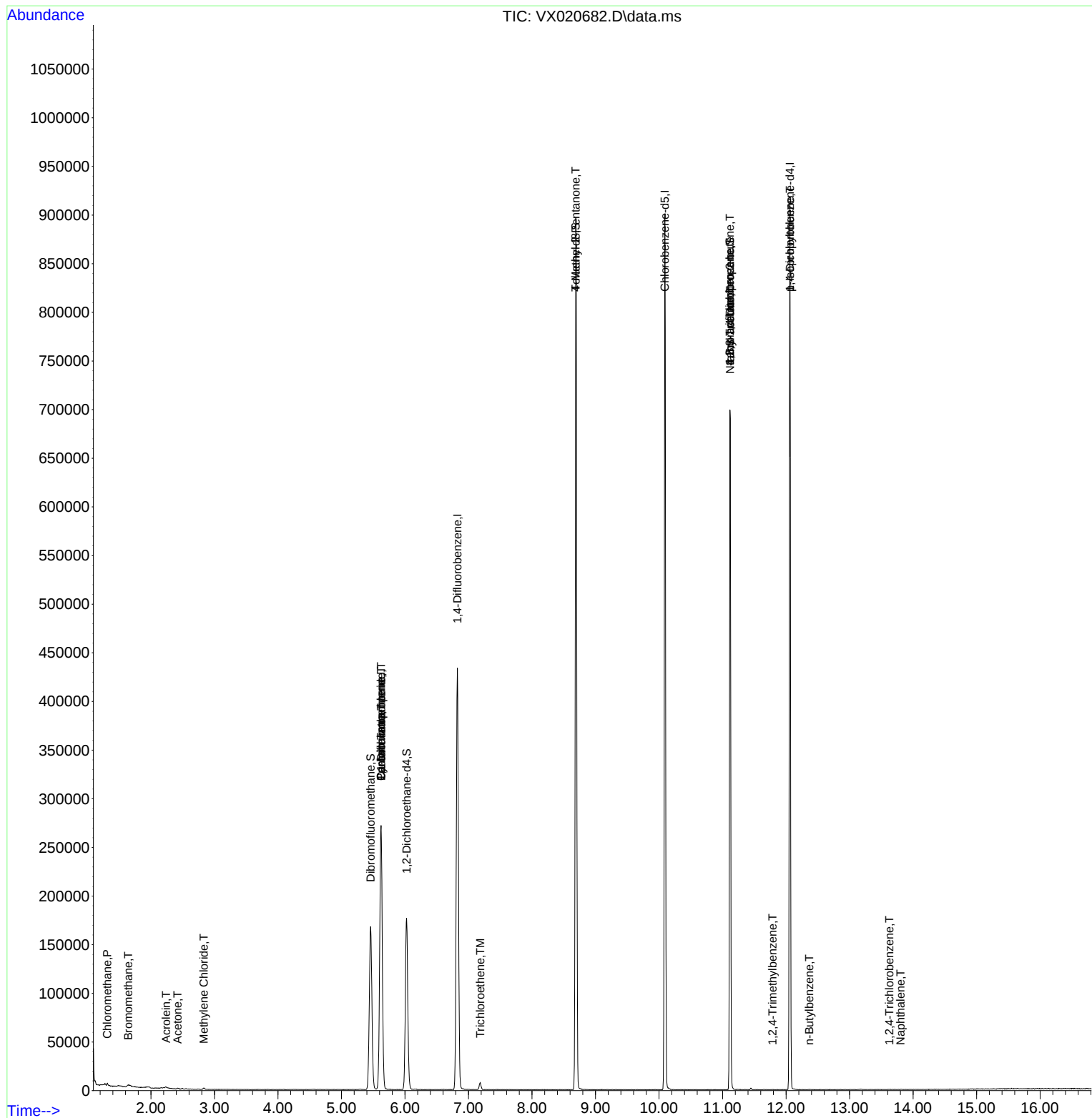
Internal Standards						
1) Pentafluorobenzene	5.623	168	257958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	446816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	415466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	183907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	173911	48.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.38%		
35) Dibromofluoromethane	5.458	113	149067	47.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.56%		
50) Toluene-d8	8.689	98	547756	49.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.24%		
62) 4-Bromofluorobenzene	11.116	95	197379	48.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.36%		
Target Compounds						Qvalue
3) Chloromethane	1.313	50	1012	0.29	ug/l	97
5) Bromomethane	1.642	94	563	0.33	ug/l	93
6) Chloroethane	1.715	64	93	Below Cal	#	43
13) Acrolein	2.239	56	42	30.41	ug/l #	14
16) Acetone	2.416	43	931	0.68	ug/l	88
20) Methylene Chloride	2.831	84	675	0.20	ug/l	87
31) Cyclohexane	5.623	56	4976	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20144	4.47	ug/l #	49
38) Carbon Tetrachloride	5.623	117	26206	5.45	ug/l #	18
44) Trichloroethene	7.183	130	2803	0.78	ug/l	100
51) 4-Methyl-2-Pentanone	8.689	43	1986	0.50	ug/l #	1
74) N-amyl acetate	11.122	43	139	1.96	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	96153	21.79	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	96153	59.38	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.786	105	25	0.40	ug/l #	31
86) p-Isopropyltoluene	12.061	119	211	0.90	ug/l #	1
89) n-Butylbenzene	12.365	91	131	1.44	ug/l #	32
93) 1,2,4-Trichlorobenzene	13.627	180	140	2.27	ug/l #	12
95) Naphthalene	13.804	128	204	1.96	ug/l #	69

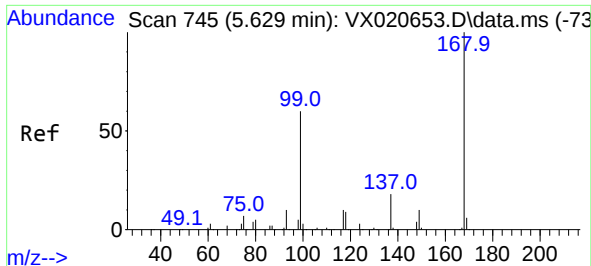
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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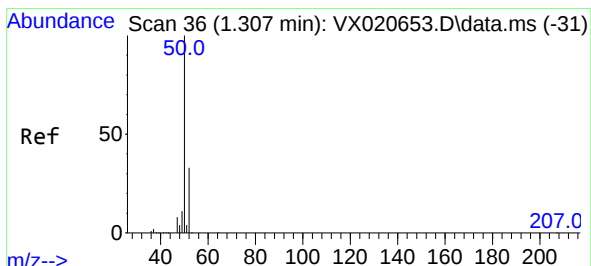
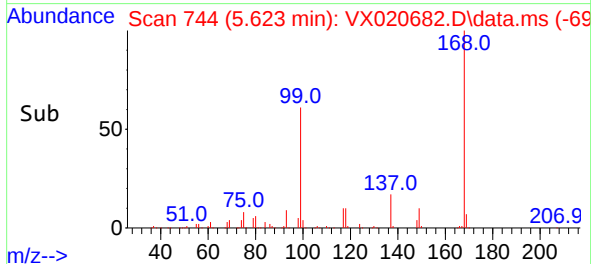
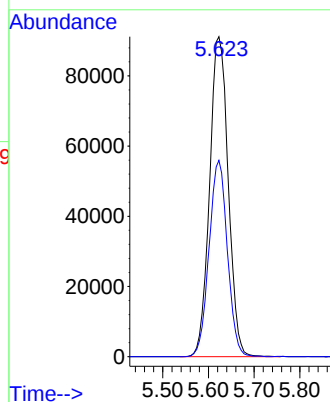
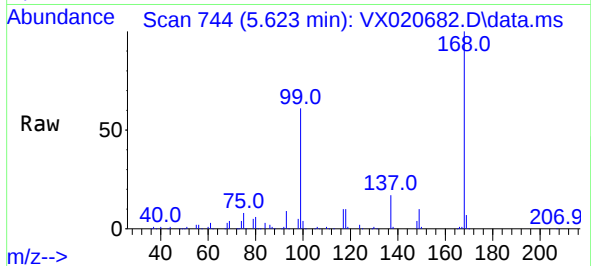




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

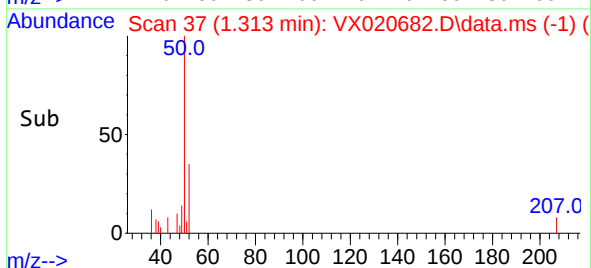
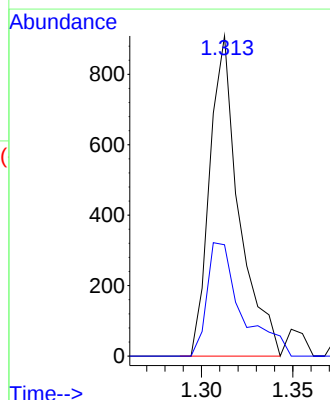
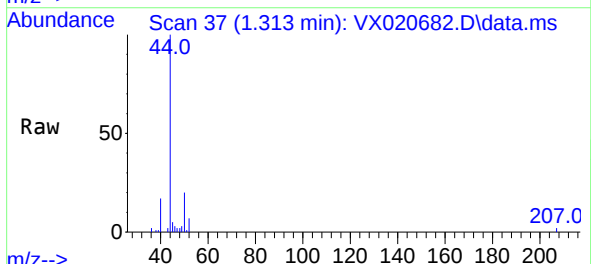
Instrument :
MSVOA_X
ClientSampleId :
IBLK

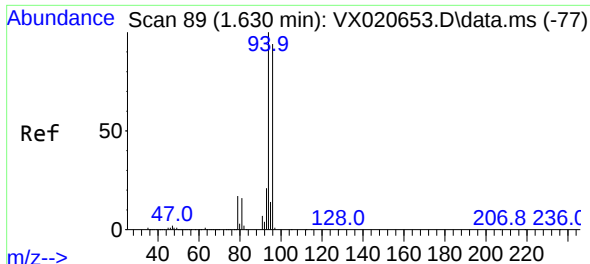
Tgt Ion:168 Resp: 257958
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#3
Chloromethane
Concen: 0.29 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Tgt Ion: 50 Resp: 1012
Ion Ratio Lower Upper
50 100
52 34.8 26.4 39.6

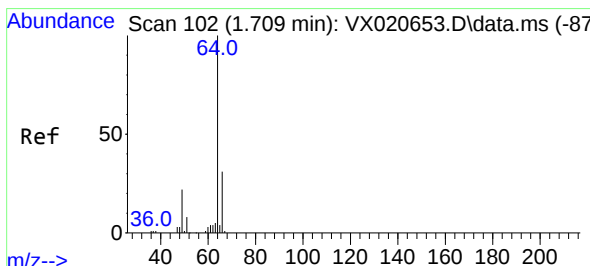
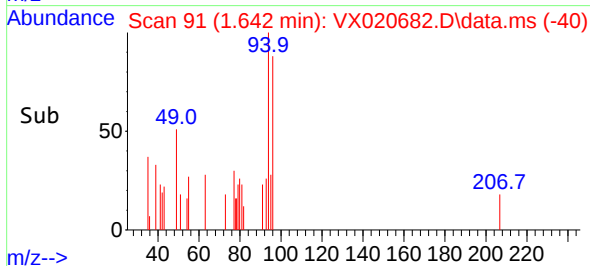
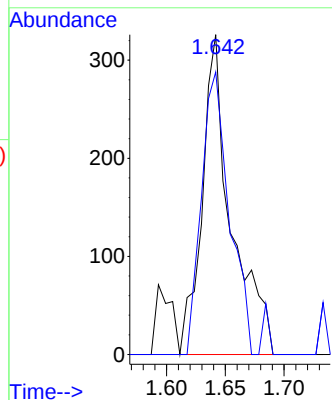
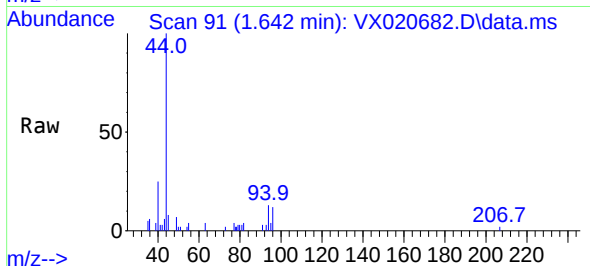




#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

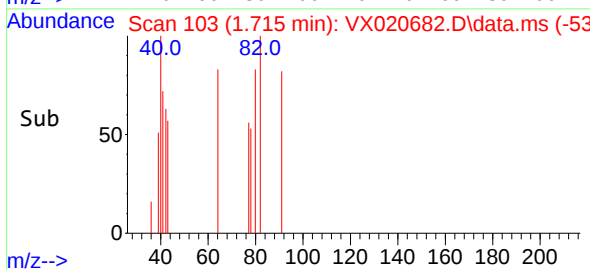
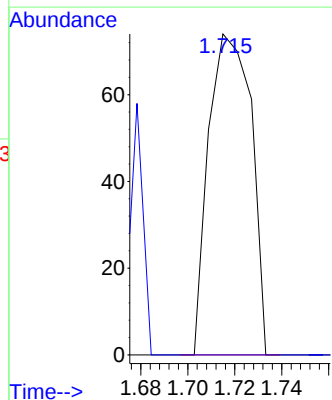
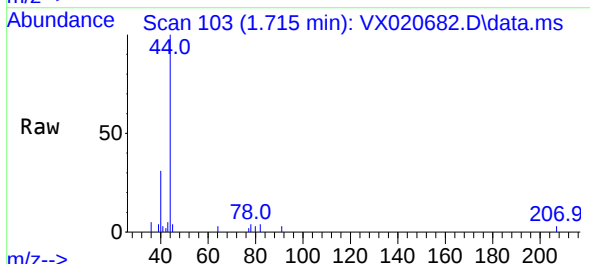
Instrument :
MSVOA_X
ClientSampleId :
IBLK

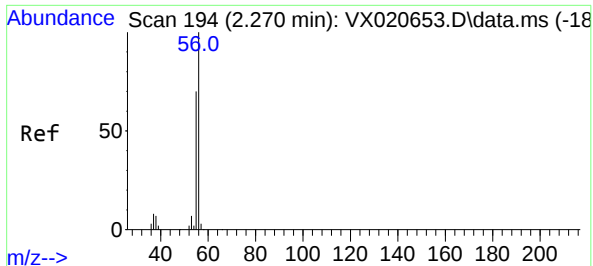
Tgt Ion: 94 Resp: 563
Ion Ratio Lower Upper
94 100
96 88.3 76.4 114.6



#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.006 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

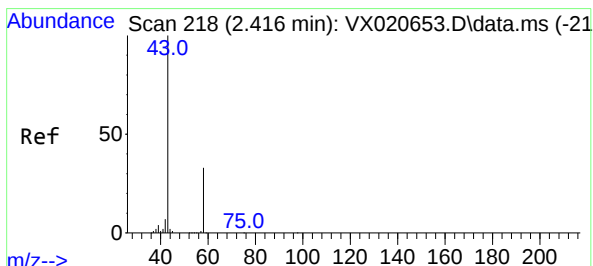
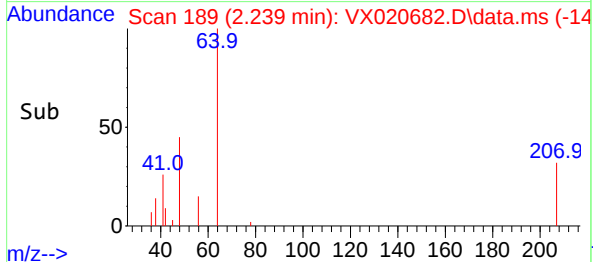
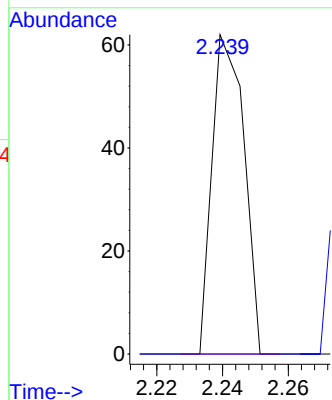
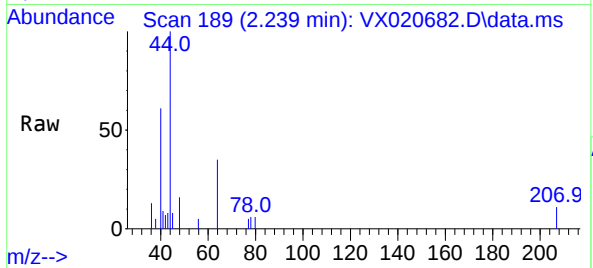




#13
Acrolein
Concen: 30.41 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.031 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

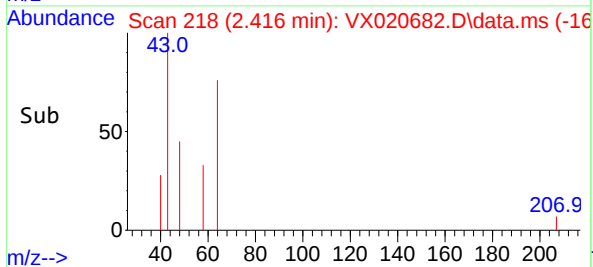
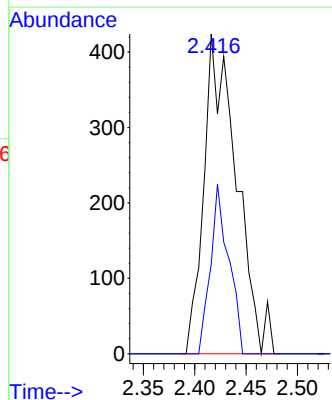
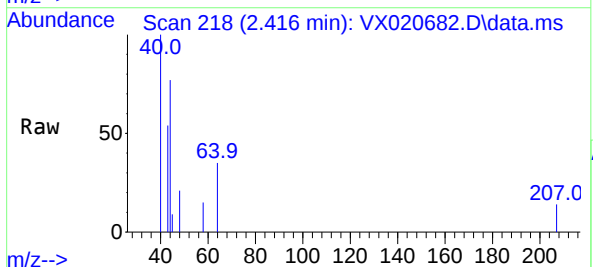
Instrument :
MSVOA_X
ClientSampleId :
IBLK

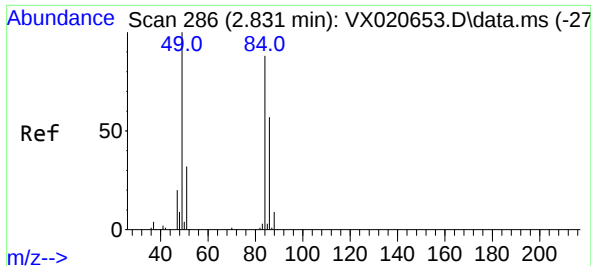
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.68 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8



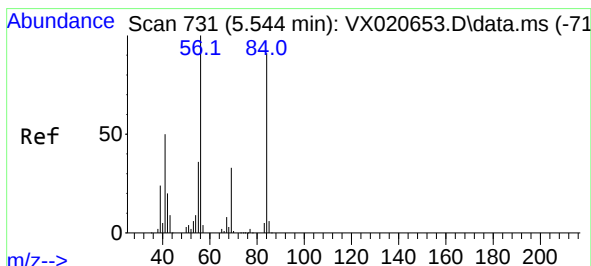
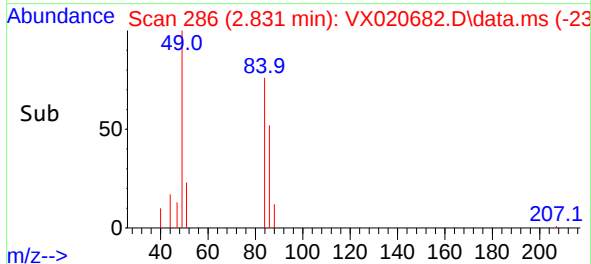
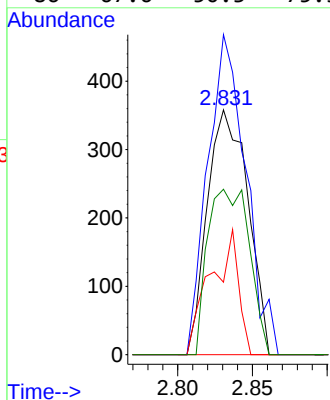
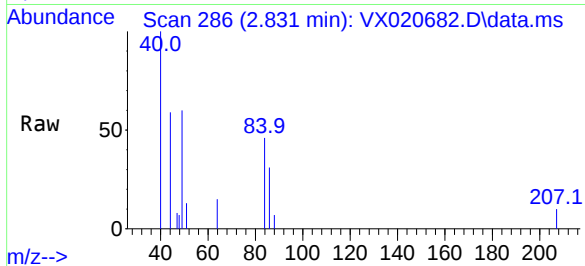


#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 84 Resp: 675

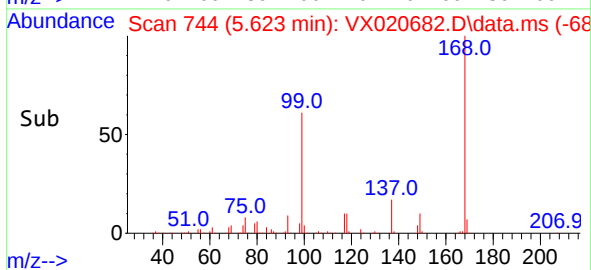
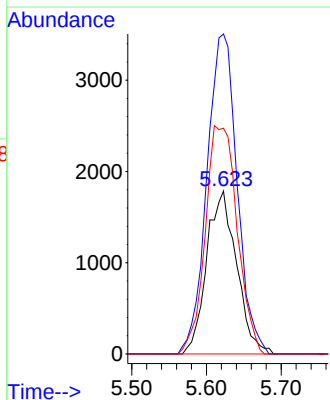
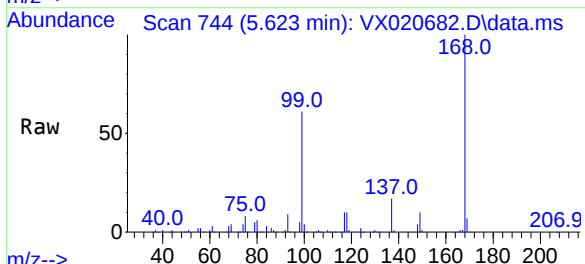
Ion	Ratio	Lower	Upper
84	100		
49	130.7	88.6	132.8
51	29.6	27.0	40.6
86	67.6	50.3	75.5

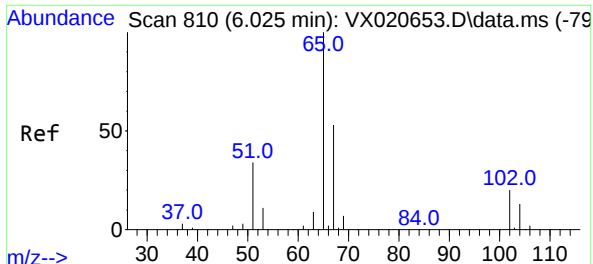


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Tgt Ion: 56 Resp: 4976

Ion	Ratio	Lower	Upper
56	100		
69	196.4	25.3	37.9#
84	138.6	71.4	107.0#

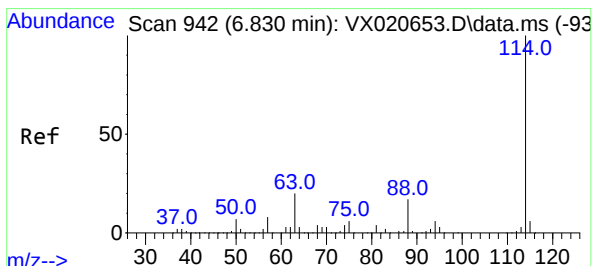
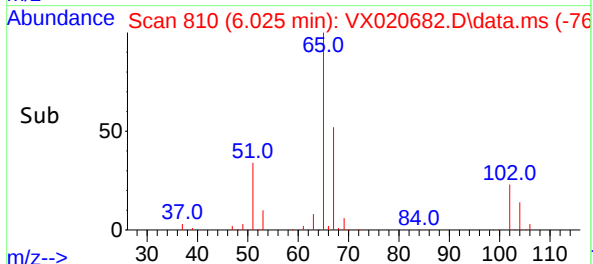
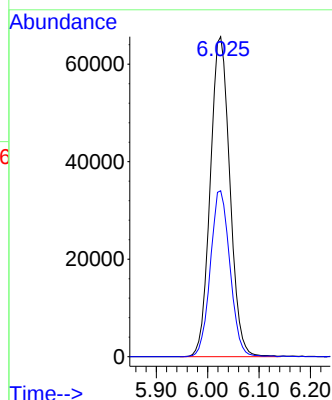
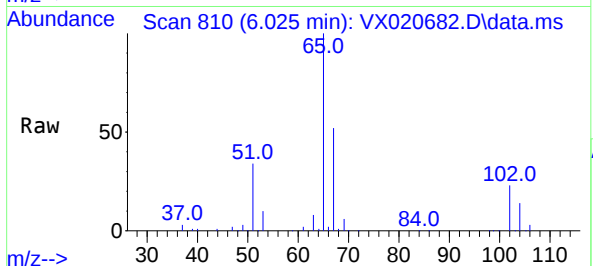




#33
1,2-Dichloroethane-d4
Concen: 48.19 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

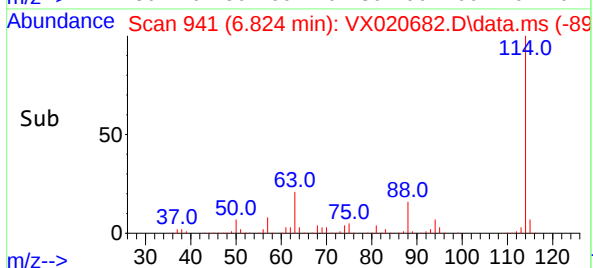
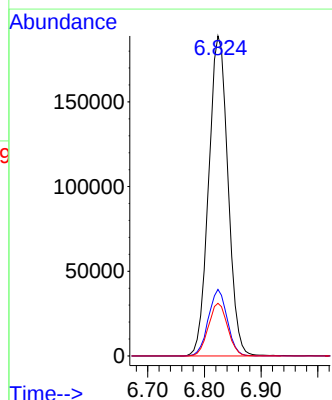
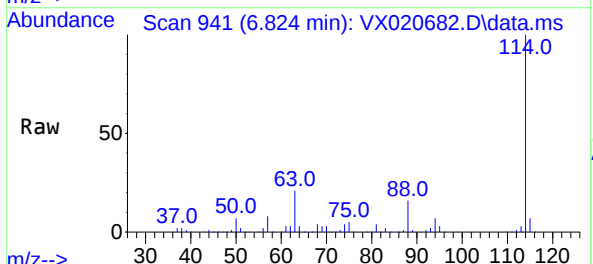
Instrument :
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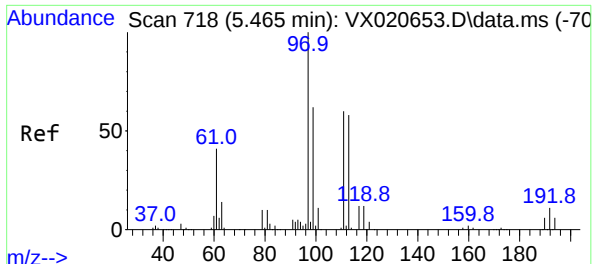
Tgt Ion: 65 Resp: 173911
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Tgt Ion: 114 Resp: 446816
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.5 0.0 32.8



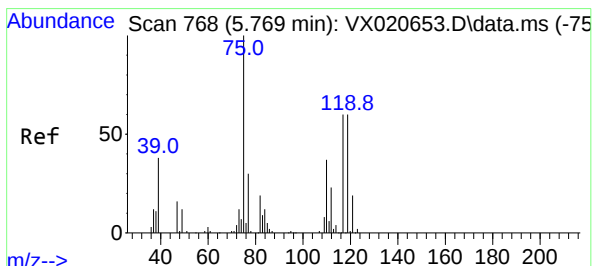
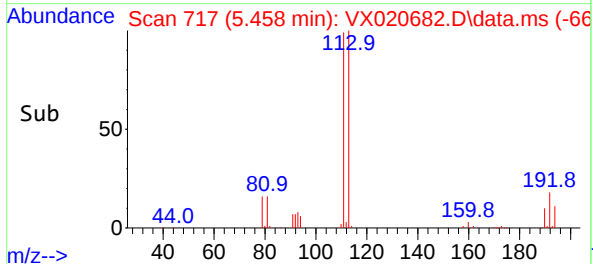
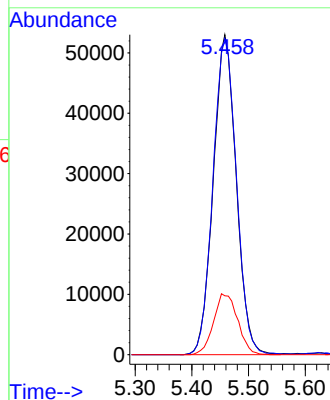
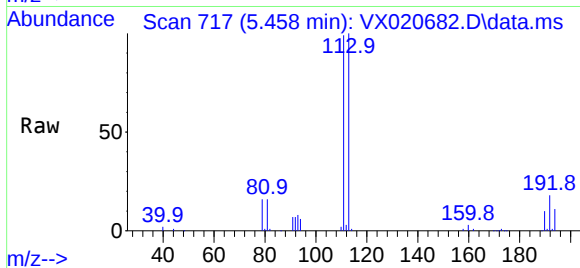


#35
Dibromofluoromethane
Concen: 47.28 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 113 Resp: 149067

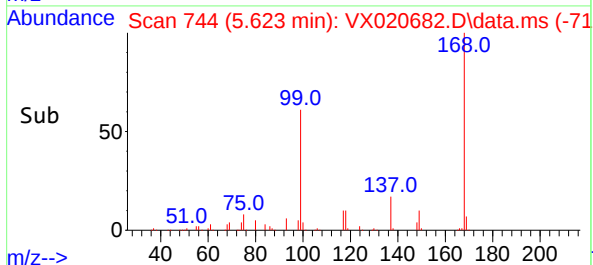
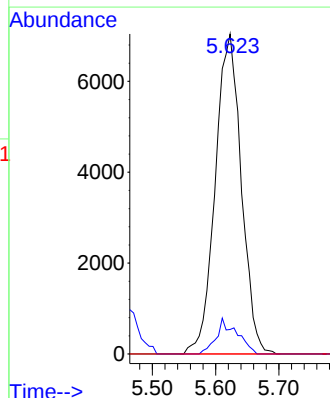
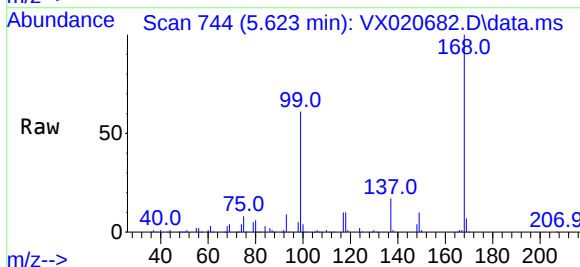
Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.9	122.9
192	19.9	16.7	25.1

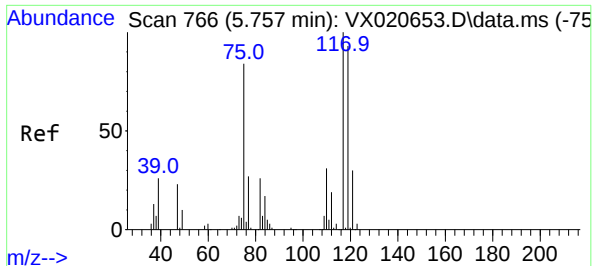


#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Tgt Ion: 75 Resp: 20144

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#

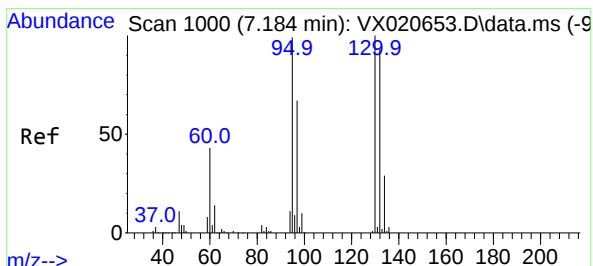
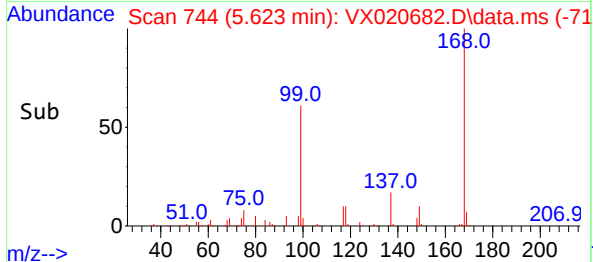
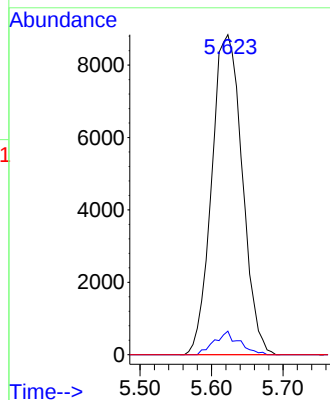
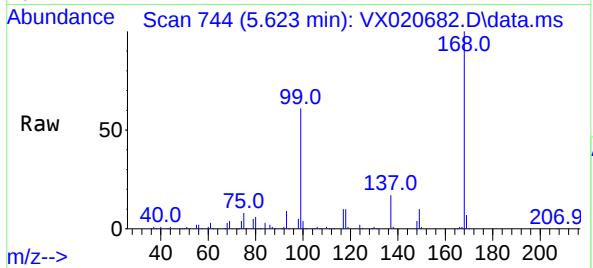




#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.134 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

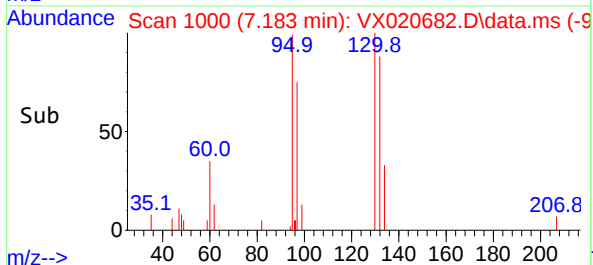
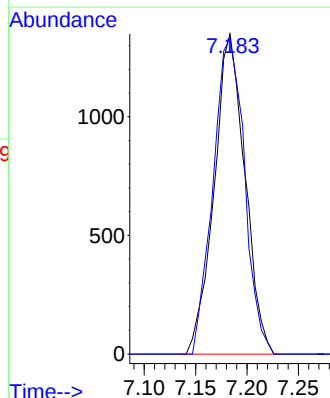
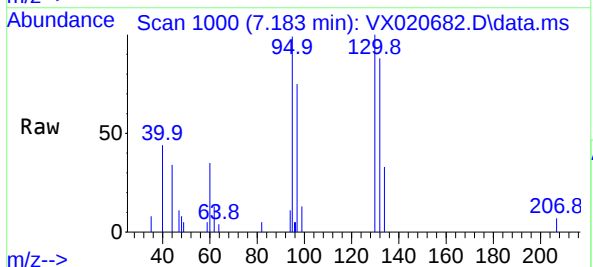
Instrument :
MSVOA_X
ClientSampled :
IBLK

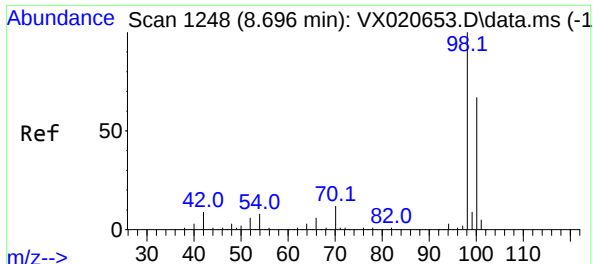
Tgt Ion:117 Resp: 26206
Ion Ratio Lower Upper
117 100
119 7.3 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.78 ug/l
RT: 7.183 min Scan# 1000
Delta R.T. -0.001 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Tgt Ion:130 Resp: 2803
Ion Ratio Lower Upper
130 100
95 98.8 0.0 198.0





#50

Toluene-d8

Concen: 49.62 ug/l

RT: 8.689 min Scan# 1247

Delta R.T. -0.007 min

Lab File: VX020682.D

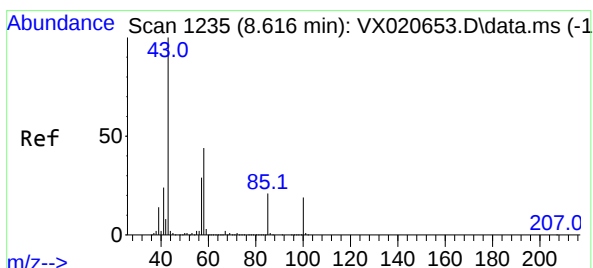
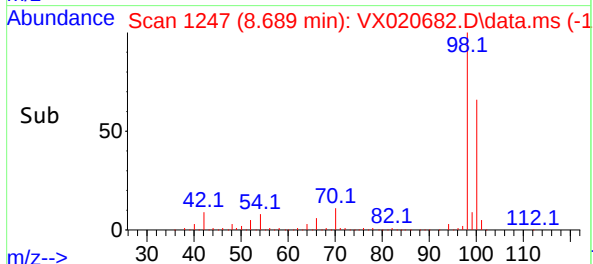
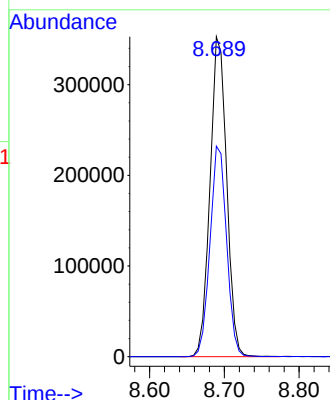
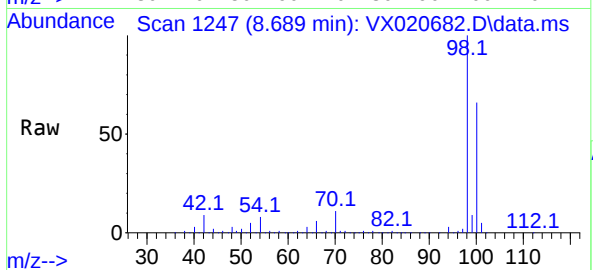
Acq: 20 Jan 2021 15:37

Tgt Ion: 98 Resp: 547756

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.50 ug/l

RT: 8.689 min Scan# 1247

Delta R.T. 0.073 min

Lab File: VX020682.D

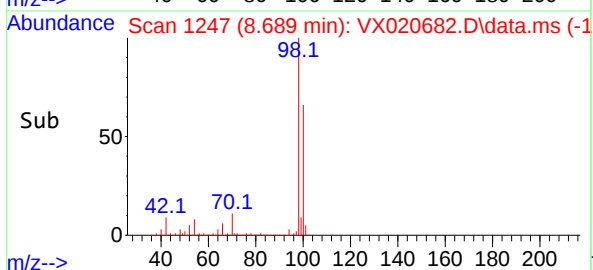
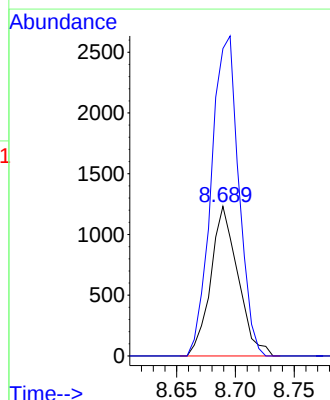
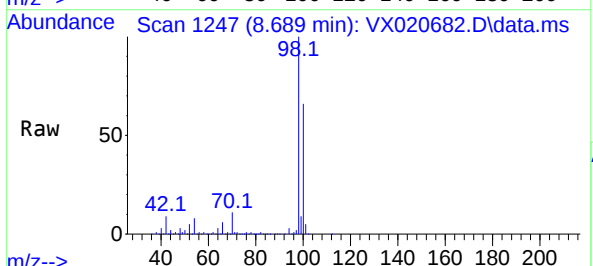
Acq: 20 Jan 2021 15:37

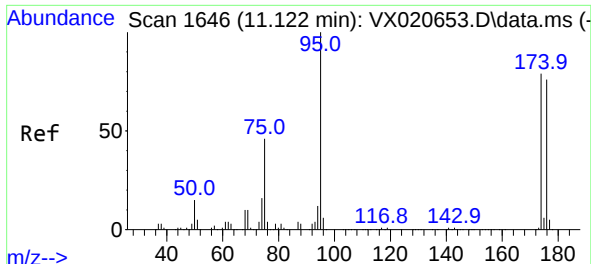
Tgt Ion: 43 Resp: 1986

Ion Ratio Lower Upper

43 100

58 215.9 35.4 53.0#

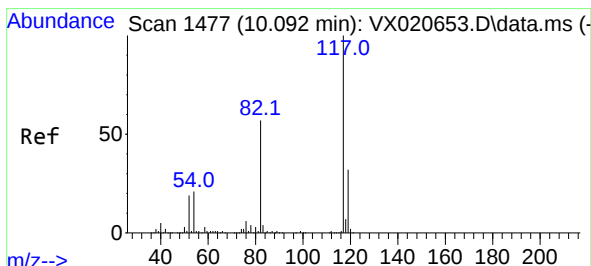
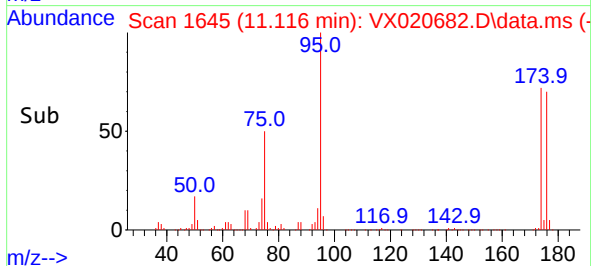
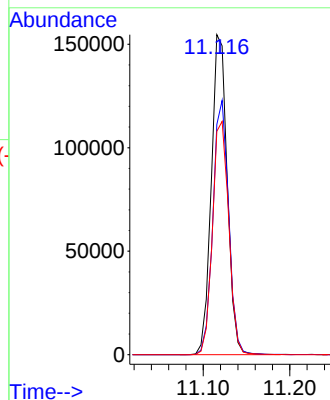
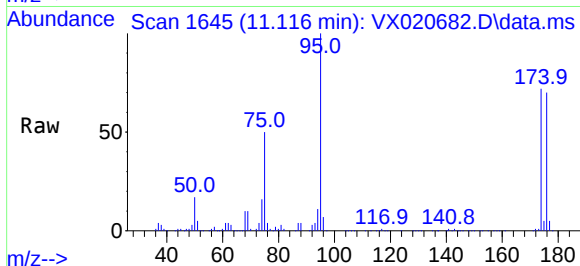




#62
4-Bromofluorobenzene
Concen: 48.68 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

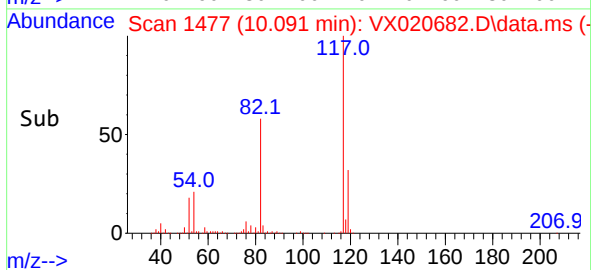
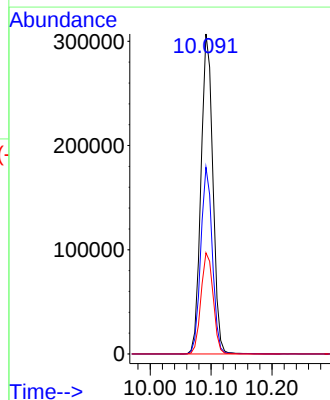
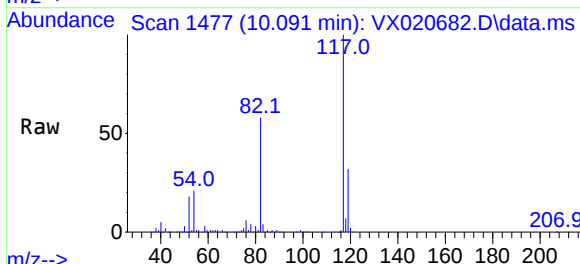
Instrument :
MSVOA_X
ClientSampled :
IBLK

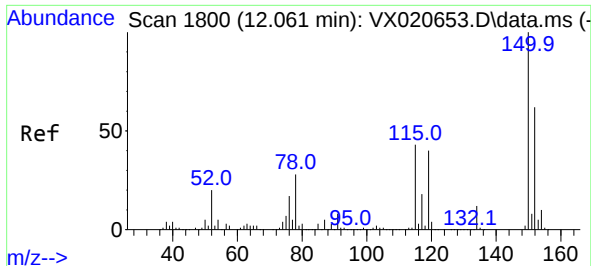
Tgt Ion: 95 Resp: 197379
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 74.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. -0.001 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Tgt Ion: 117 Resp: 415466
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.6 26.6 39.8

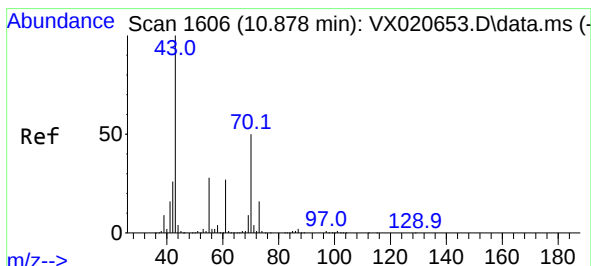
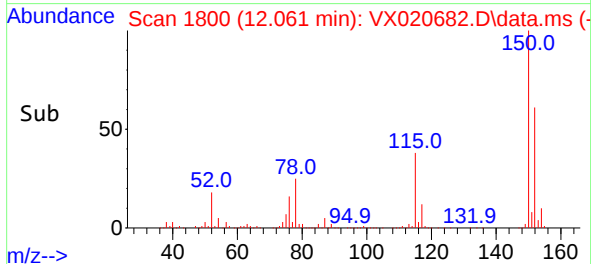
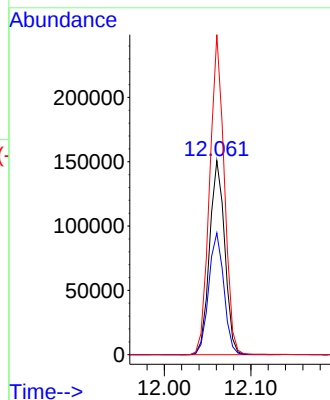
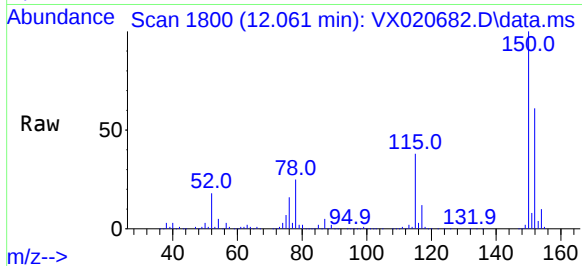




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

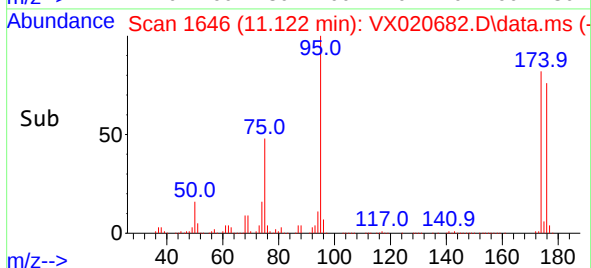
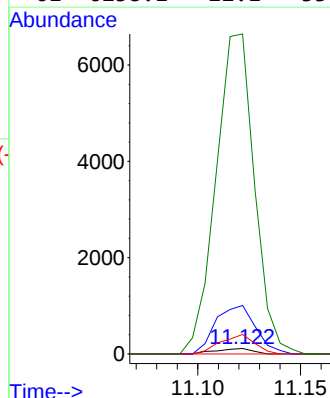
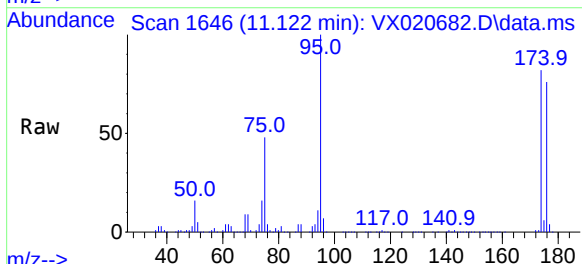
Instrument :
MSVOA_X
ClientSampled :
IBLK

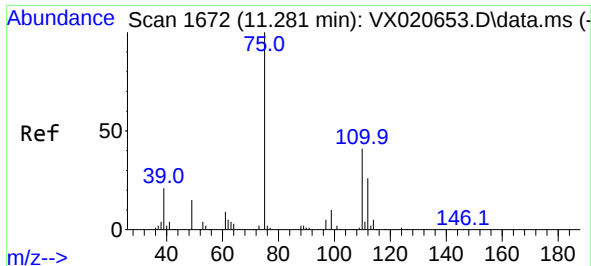
Tgt Ion:152 Resp: 183907
Ion Ratio Lower Upper
152 100
115 62.4 41.1 123.3
150 158.8 0.0 349.0



#74
N-ethyl acetate
Concen: 1.96 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
70 985.6 39.0 58.6#
55 339.6 21.5 32.3#
61 6238.1 22.1 33.1#

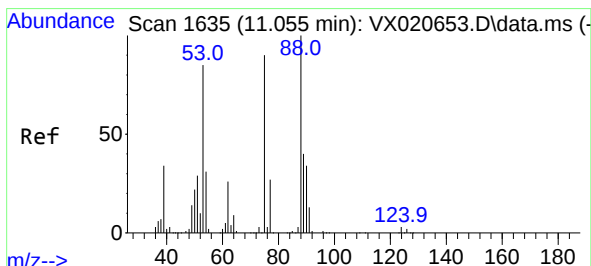
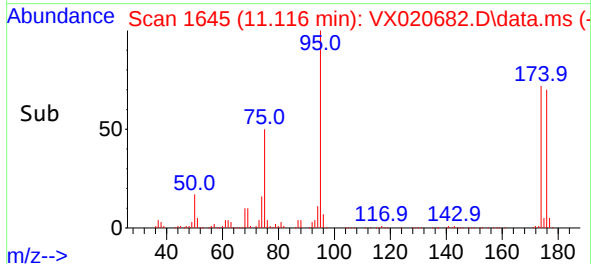
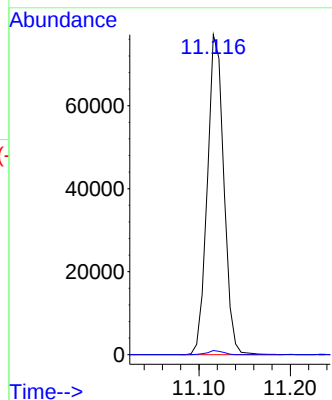
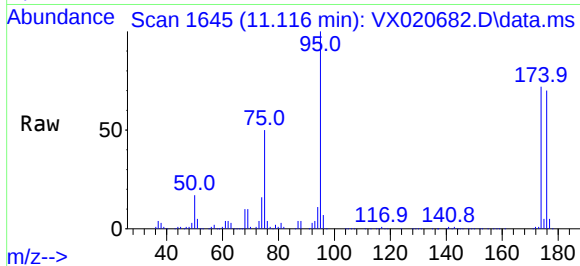




#76
1,2,3-Trichloropropane
Concen: 21.79 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

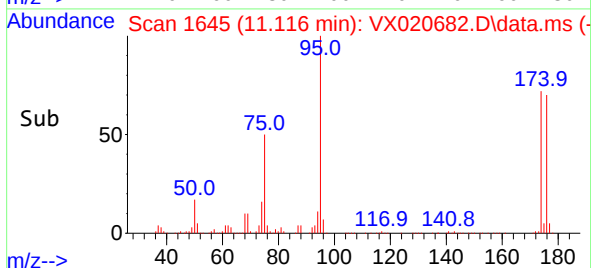
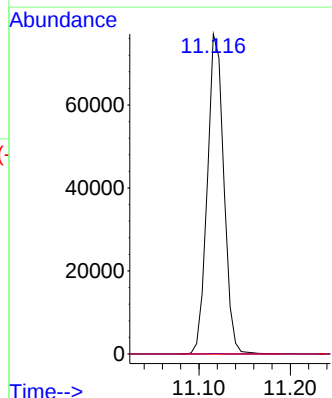
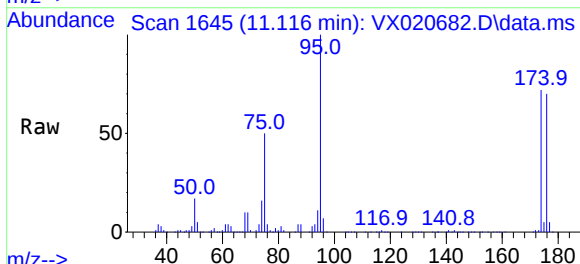
Instrument :
MSVOA_X
ClientSampled :
IBLK

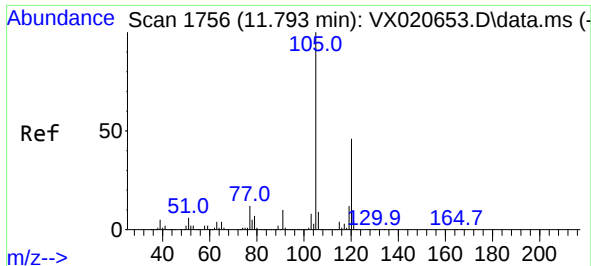
Tgt Ion: 75 Resp: 96153
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.38 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Tgt Ion: 75 Resp: 96153
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

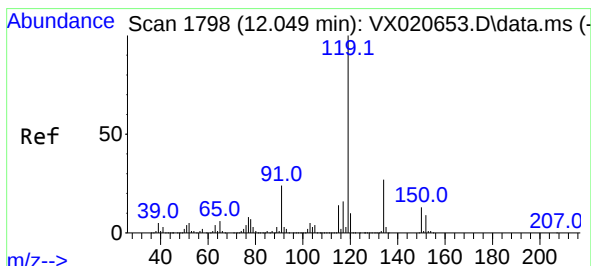
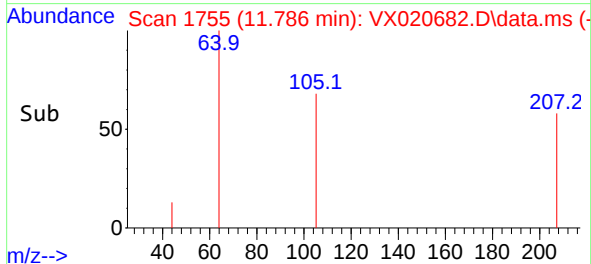
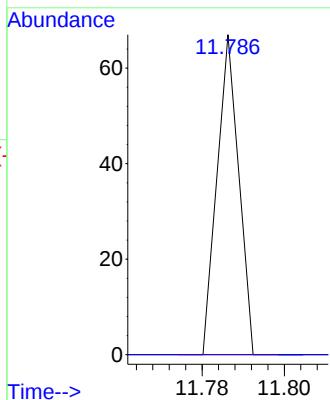
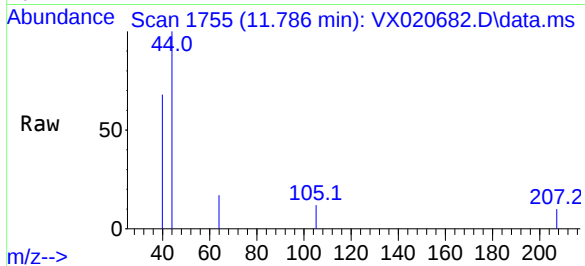




#84
1,2,4-Trimethylbenzene
Concen: 0.40 ug/l
RT: 11.786 min Scan# 1755
Delta R.T. -0.007 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

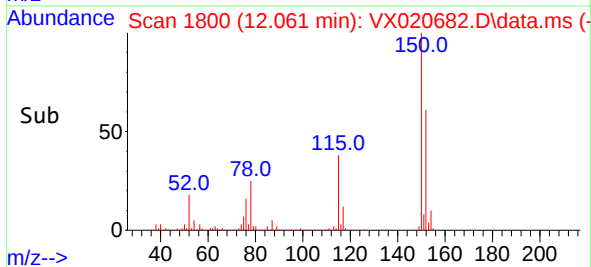
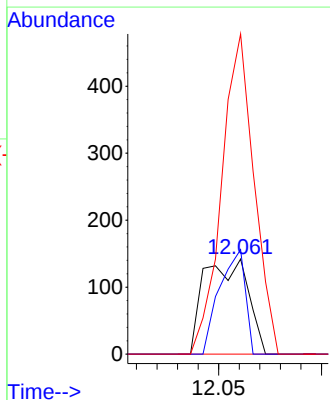
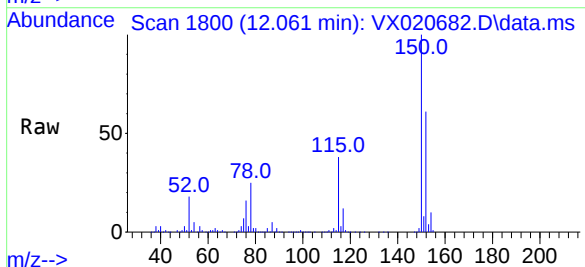
Instrument :
MSVOA_X
ClientSampled :
IBLK

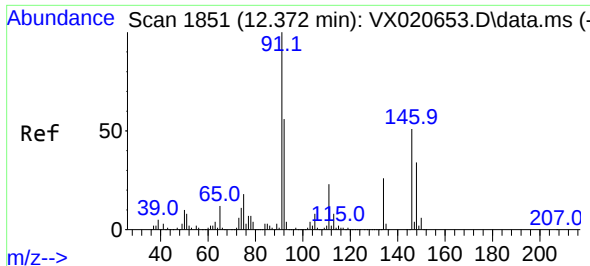
Tgt Ion:105 Resp: 25
Ion Ratio Lower Upper
105 100
120 0.0 22.4 67.3#



#86
p-Isopropyltoluene
Concen: 0.90 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. 0.012 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

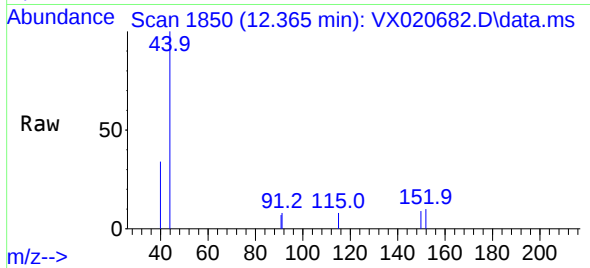
Tgt Ion:119 Resp: 211
Ion Ratio Lower Upper
119 100
134 64.0 12.9 38.7#
91 248.8 11.7 35.0#



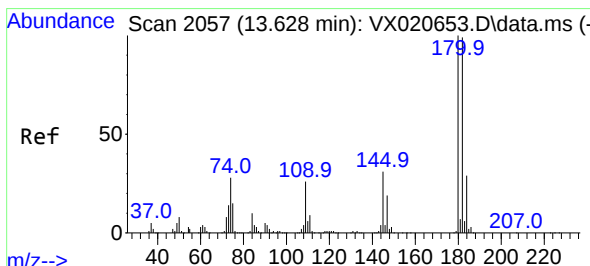
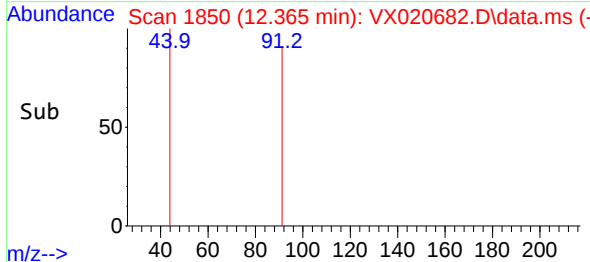
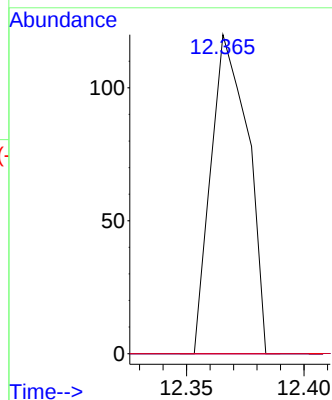


#89
n-Butylbenzene
Concen: 1.44 ug/l
RT: 12.365 min Scan# 1850
Delta R.T. -0.007 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Instrument :
MSVOA_X
ClientSampled :
IBLK

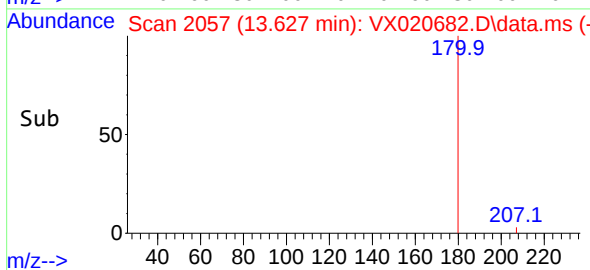
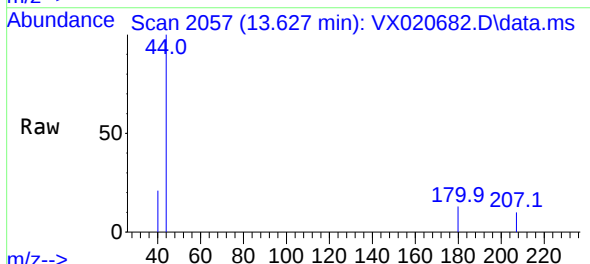
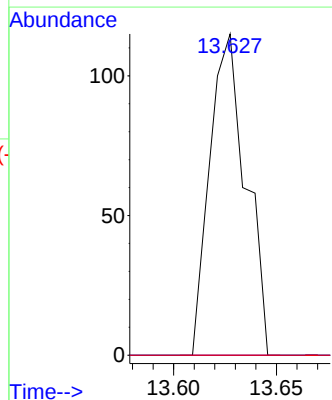


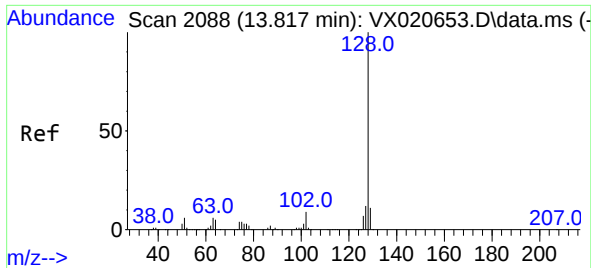
Tgt Ion: 91 Resp: 131
Ion Ratio Lower Upper
91 100
92 0.0 27.4 82.0#
134 0.0 13.2 39.5#



#93
1,2,4-Trichlorobenzene
Concen: 2.27 ug/l
RT: 13.627 min Scan# 2057
Delta R.T. -0.001 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

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





#95
Naphthalene
Concen: 1.96 ug/l
RT: 13.804 min Scan# 2086
Delta R.T. -0.013 min
Lab File: VX020682.D
Acq: 20 Jan 2021 15:37

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	204
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

