

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022189.D
 Acq On : 26 May 2021 11:54
 Operator : JC/MD
 Sample : VX0527MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527MBL01

Quant Time: May 26 13:11:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

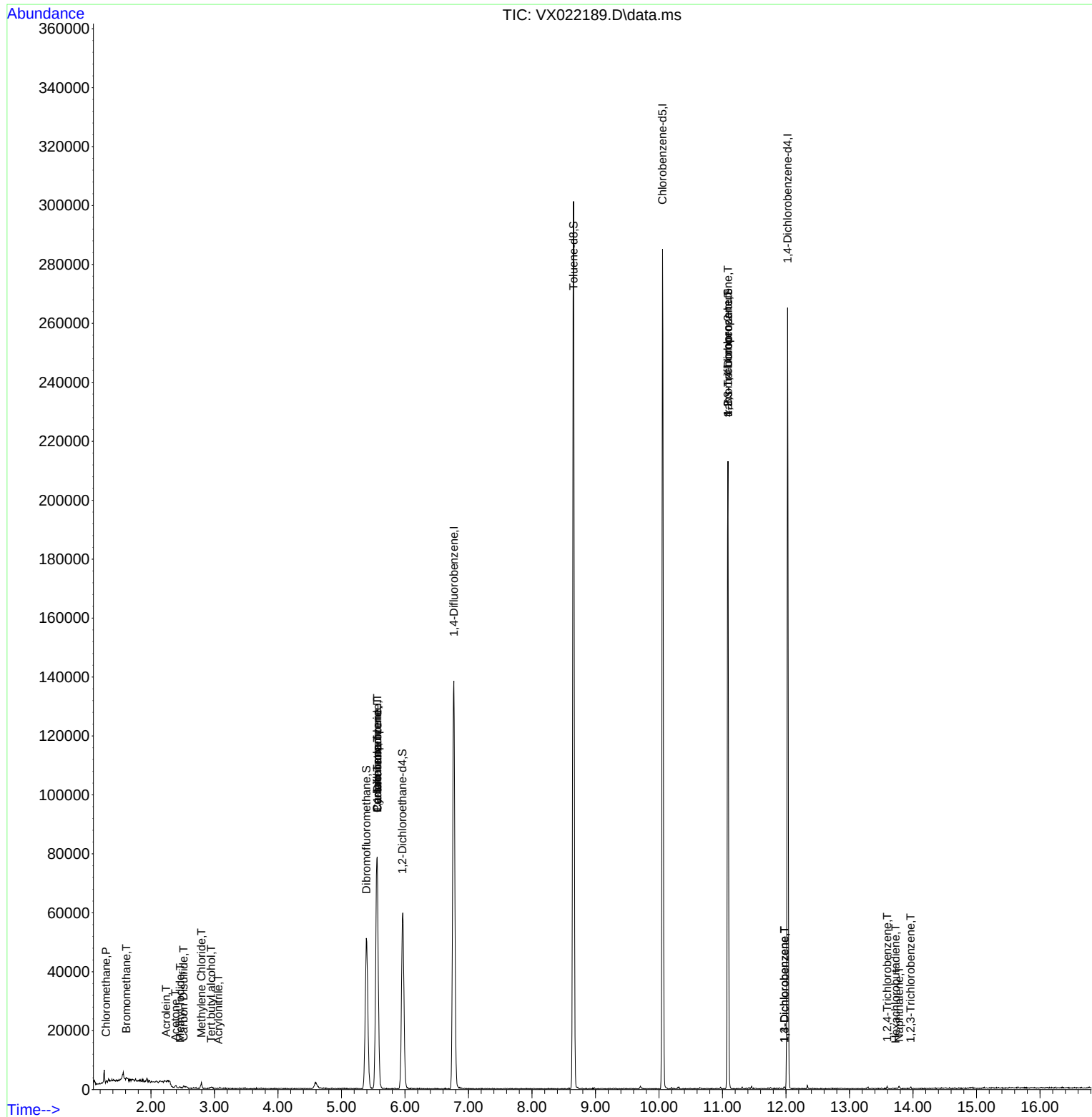
Internal Standards						
1) Pentafluorobenzene	5.562	168	67848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	141453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54837	52.40	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.80%			
35) Dibromofluoromethane	5.391	113	43970	49.02	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.04%			
50) Toluene-d8	8.653	98	172529	49.93	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.86%			
62) 4-Bromofluorobenzene	11.085	95	58517	45.82	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.64%			
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	366	0.41	ug/l #	66
5) Bromomethane	1.612	94	412	0.75	ug/l #	46
10) Methyl Iodide	2.459	142	338	0.39	ug/l #	79
11) Tert butyl alcohol	2.947	59	208	0.87	ug/l #	73
13) Acrolein	2.240	56	181	1.14	ug/l	92
15) Acrylonitrile	3.063	53	109	0.23	ug/l #	18
16) Acetone	2.386	43	756	1.66	ug/l #	70
17) Carbon Disulfide	2.514	76	859	0.42	ug/l #	75
20) Methylene Chloride	2.794	84	769	0.76	ug/l #	79
31) Cyclohexane	5.562	56	1869	1.42	ug/l #	45
36) 1,1-Dichloropropene	5.562	75	6249	4.78	ug/l #	50
38) Carbon Tetrachloride	5.562	117	8085	6.32	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	30710	26.54	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30710	62.87	ug/l #	12
87) 1,3-Dichlorobenzene	11.976	146	368	0.23	ug/l	73
88) 1,4-Dichlorobenzene	11.976	146	368	0.22	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	283	0.30	ug/l #	85
94) Hexachlorobutadiene	13.725	225	76	0.21	ug/l #	19
95) Naphthalene	13.780	128	772	0.21	ug/l #	78
96) 1,2,3-Trichlorobenzene	13.963	180	260	0.27	ug/l #	72

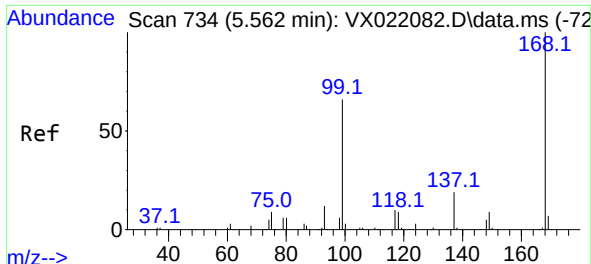
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0527MBL01

Quant Time: May 26 13:11:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

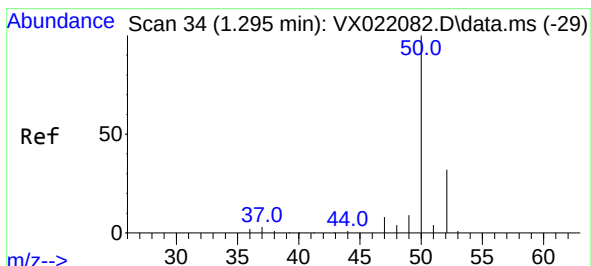
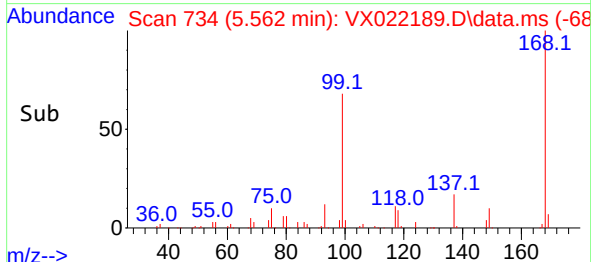
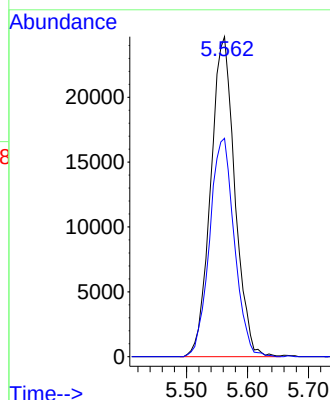
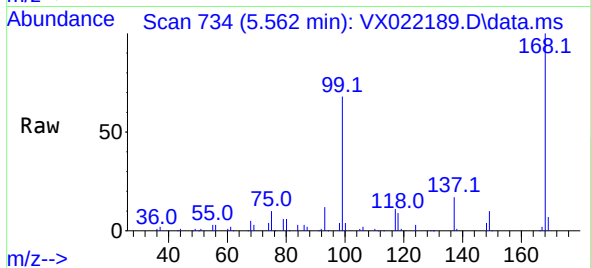




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

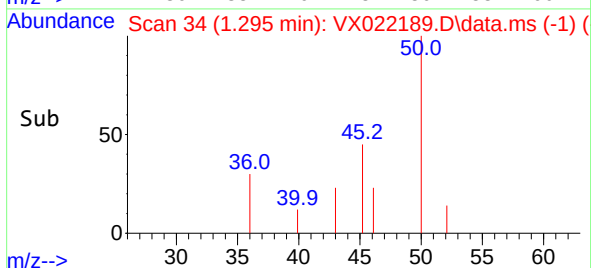
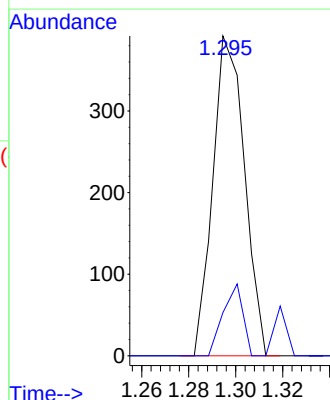
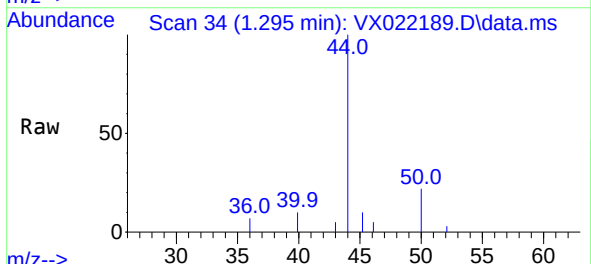
Instrument :
MSVOA_X
ClientSampleId :
VX0527MBL01

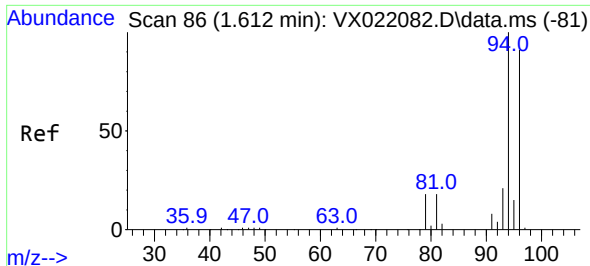
Tgt Ion:168 Resp: 67848
Ion Ratio Lower Upper
168 100
99 68.3 45.8 68.6



#3
Chloromethane
Concen: 0.41 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

Tgt Ion: 50 Resp: 366
Ion Ratio Lower Upper
50 100
52 13.5 26.4 39.6#

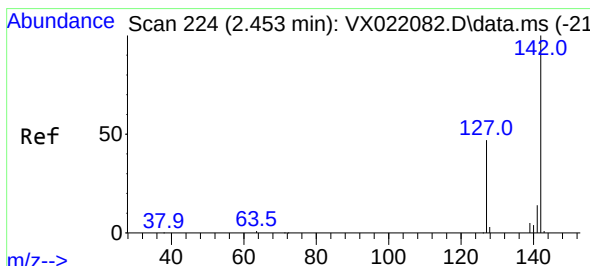
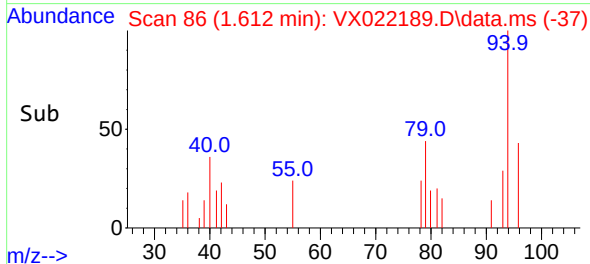
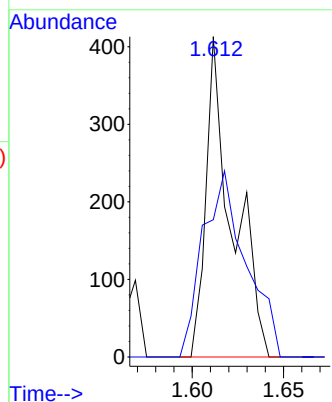
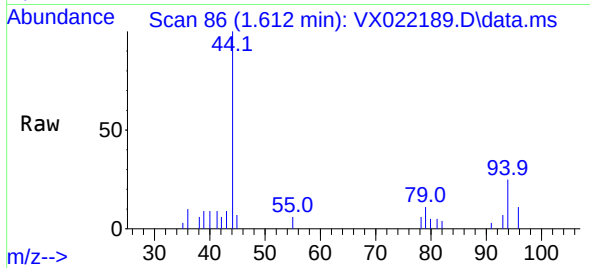




#5
Bromomethane
Concen: 0.75 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

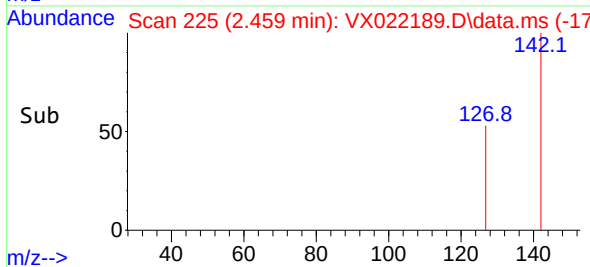
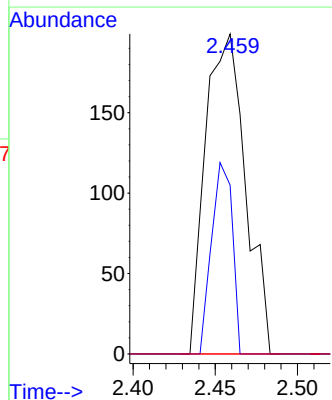
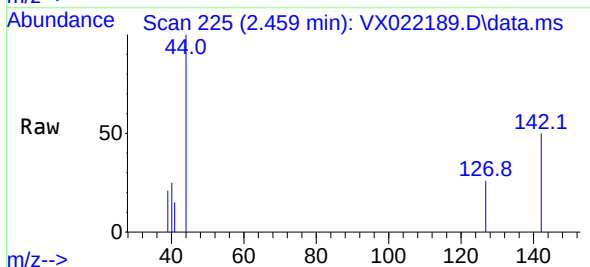
Instrument :
MSVOA_X
ClientSampleId :
VX0527MBL01

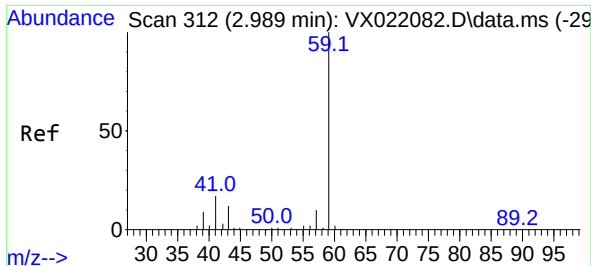
Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 42.9 76.4 114.6#



#10
Methyl Iodide
Concen: 0.39 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

Tgt Ion: 142 Resp: 338
Ion Ratio Lower Upper
142 100
127 31.1 33.3 49.9#
141 0.0 11.4 17.0#

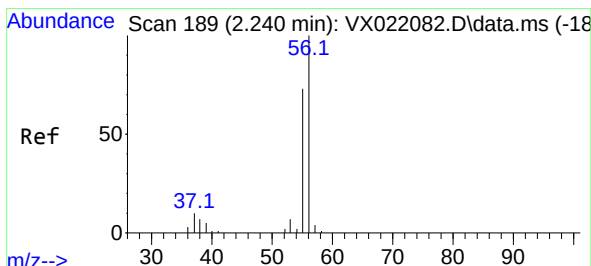
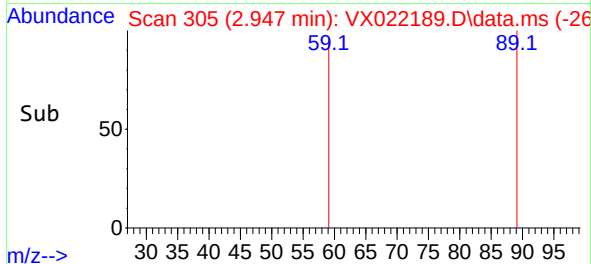
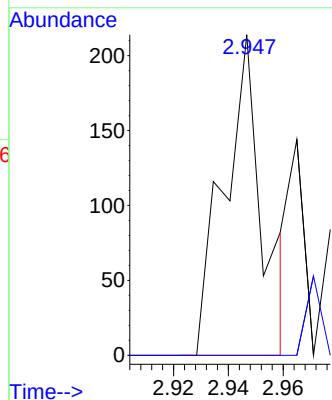
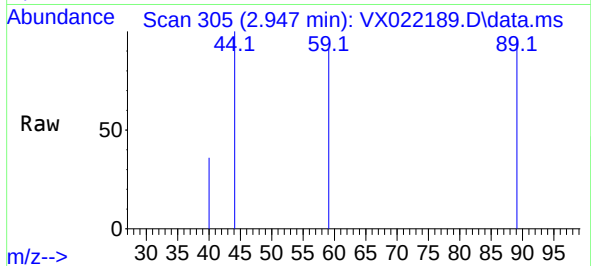




#11
Tert butyl alcohol
Concen: 0.87 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

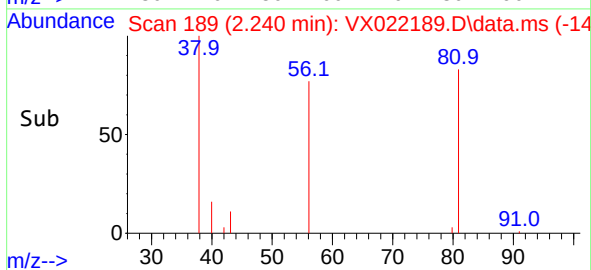
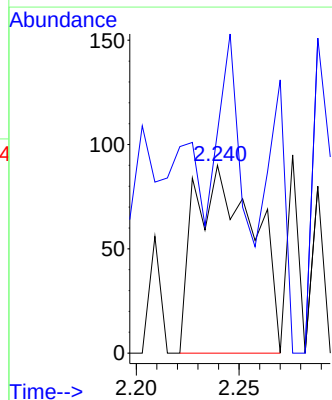
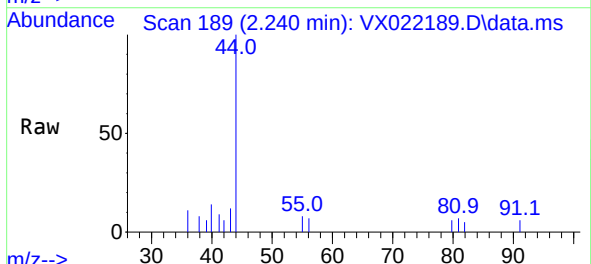
Instrument :
MSVOA_X
ClientSampleId :
VX0527MBL01

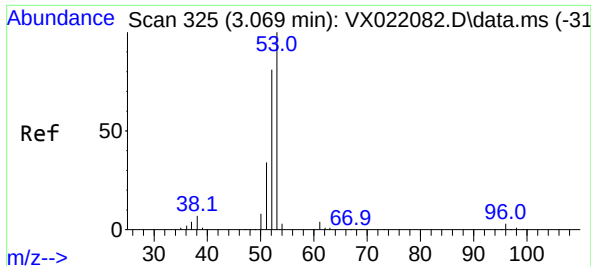
Tgt Ion: 59 Resp: 208
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 1.14 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 76.8 56.4 84.6

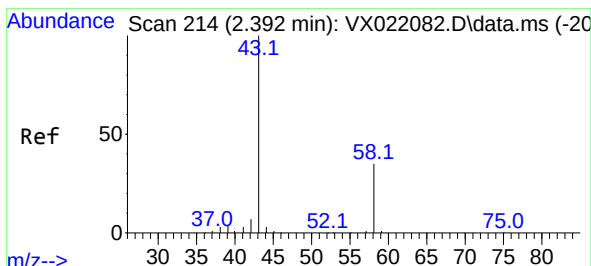
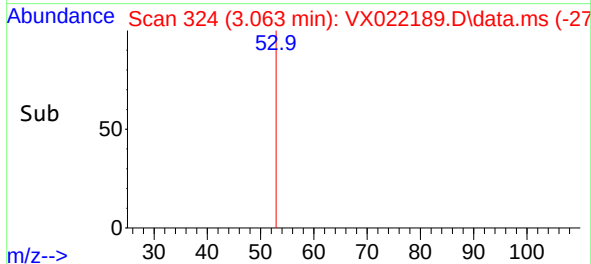
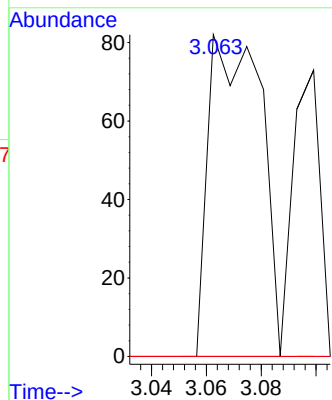
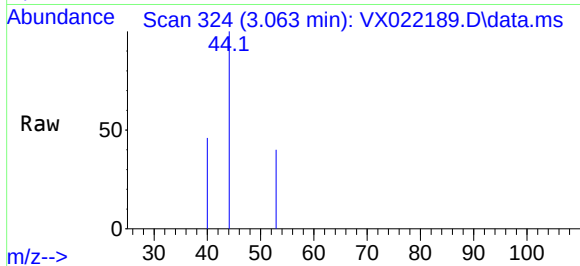




#15
Acrylonitrile
Concen: 0.23 ug/l
RT: 3.063 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

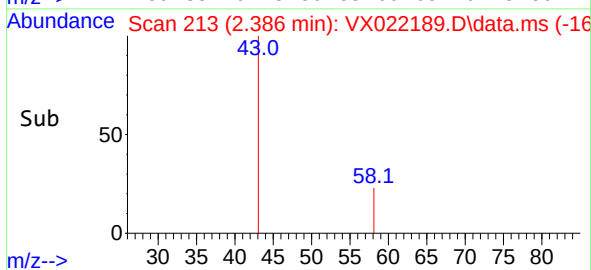
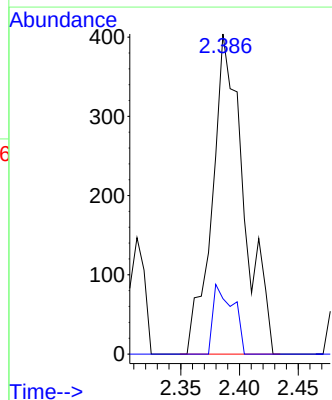
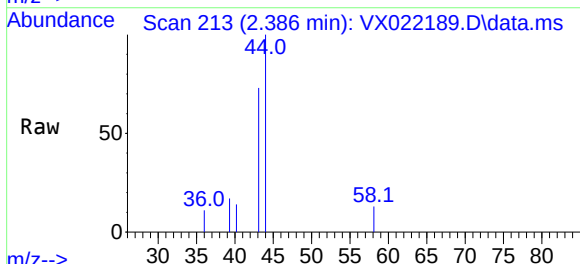
Instrument :
MSVOA_X
ClientSampleId :
VX0527MBL01

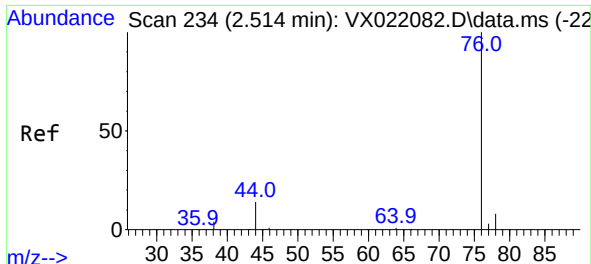
Tgt Ion: 53	Resp:	109
Ion	Ratio	Lower Upper
53	100	
52	0.0	65.3 97.9#
51	0.0	28.2 42.2#



#16
Acetone
Concen: 1.66 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

Tgt Ion: 43	Resp:	756
Ion	Ratio	Lower Upper
43	100	
58	17.3	27.8 41.8#

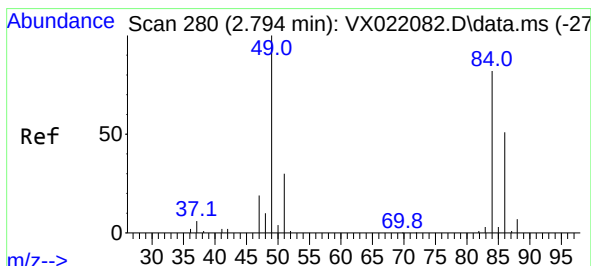
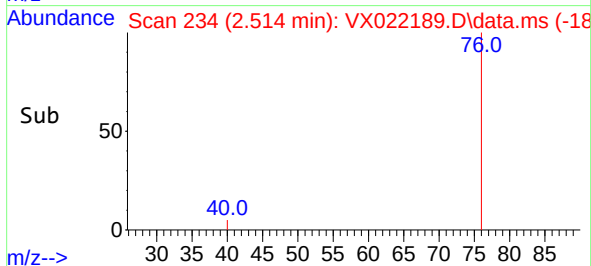
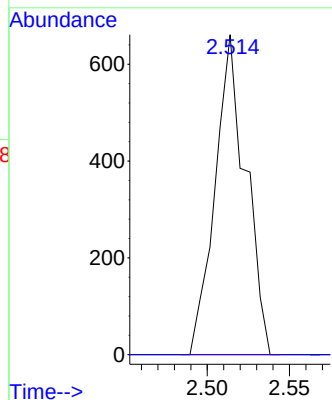
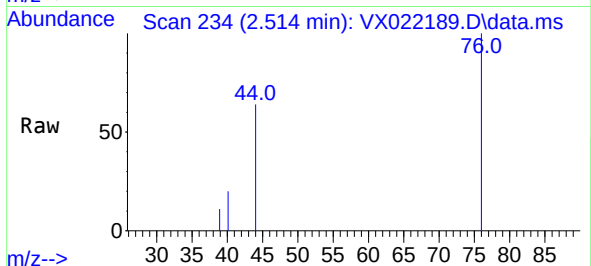




#17
Carbon Disulfide
Concen: 0.42 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

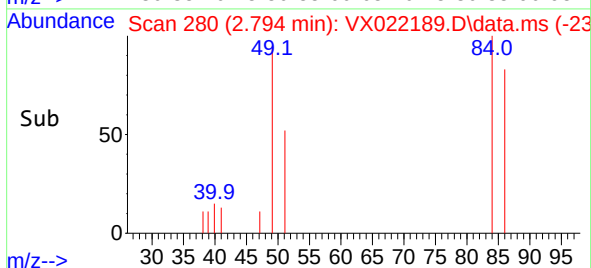
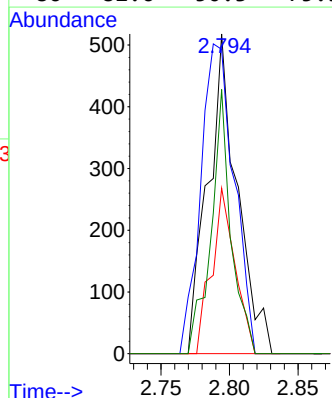
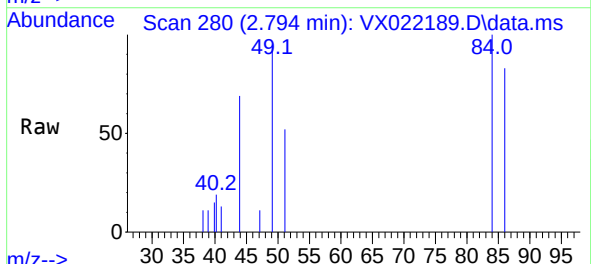
Instrument :
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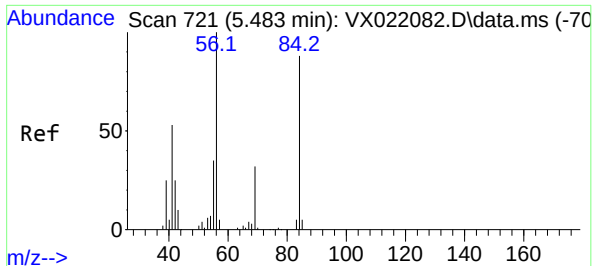
Tgt Ion: 76 Resp: 859
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.76 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

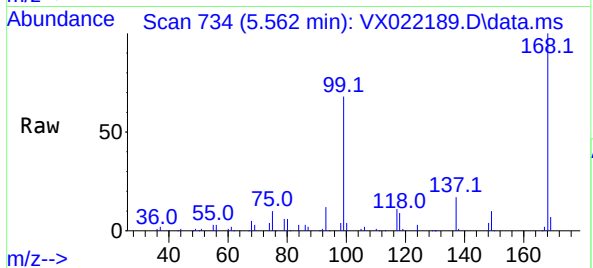
Tgt Ion: 84 Resp: 769
Ion Ratio Lower Upper
84 100
49 95.2 88.6 132.8
51 51.7 27.0 40.6#
86 82.6 50.3 75.5#



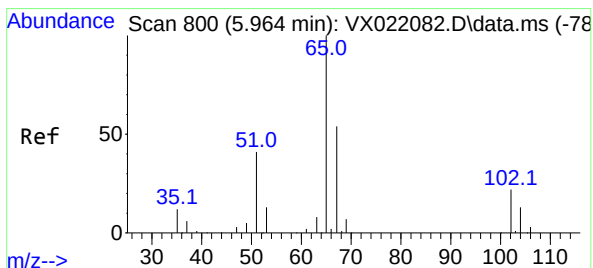
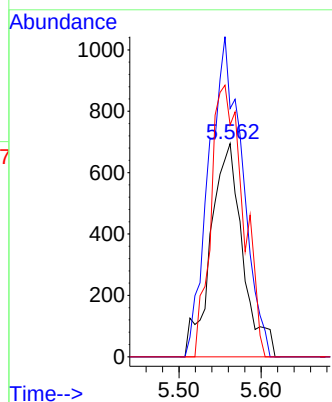
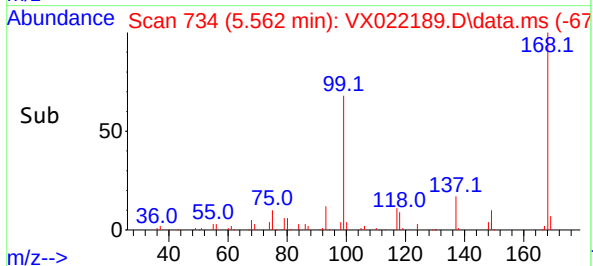


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

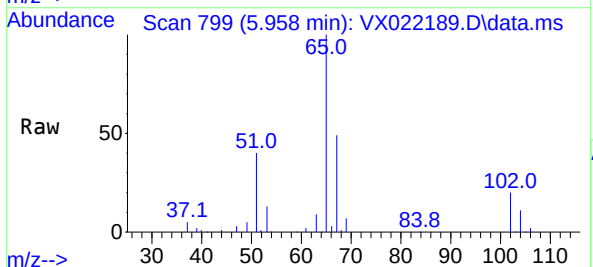
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MSVOA_X
ClientSampleId :
VX0527MBL01



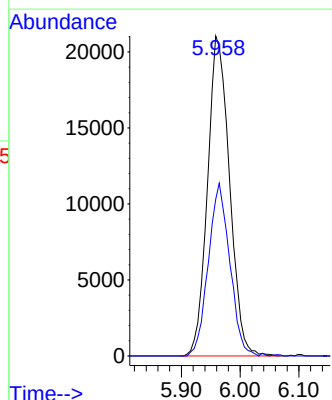
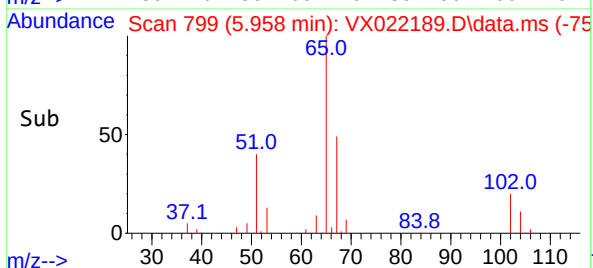
Tgt Ion: 56 Resp: 1869
Ion Ratio Lower Upper
56 100
69 116.4 25.3 37.9#
84 108.6 71.4 107.0#

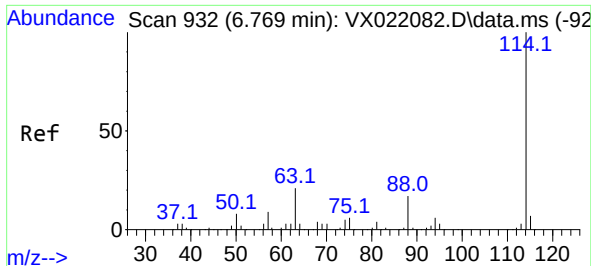


#33
1,2-Dichloroethane-d4
Concen: 52.40 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54



Tgt Ion: 65 Resp: 54837
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

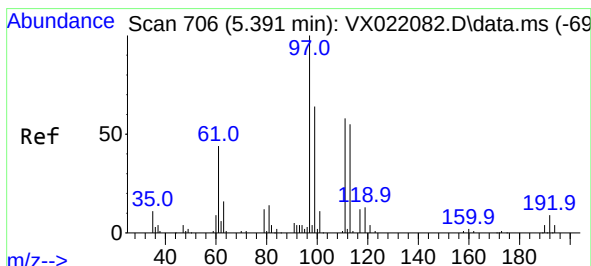
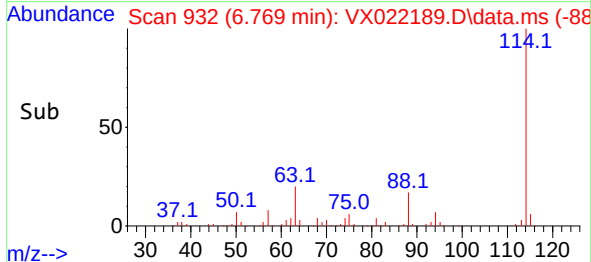
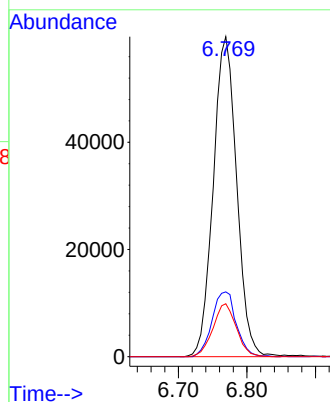
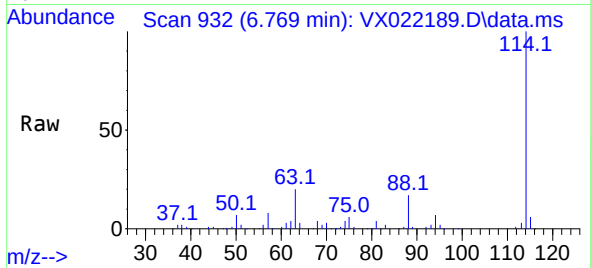




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

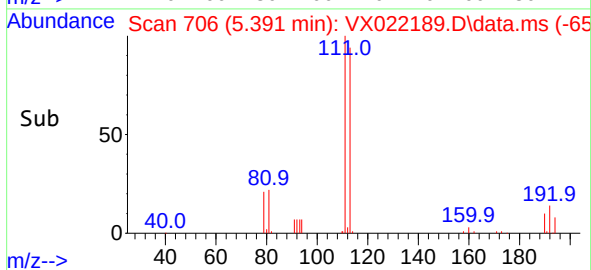
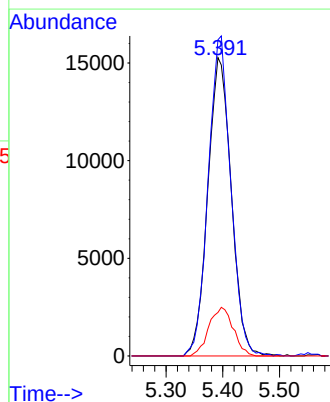
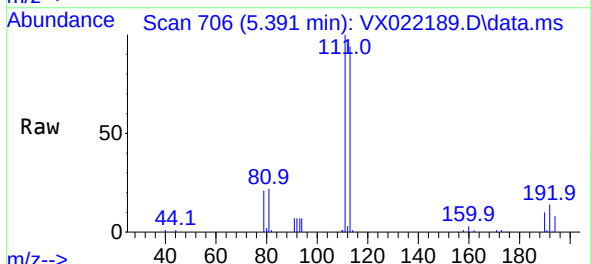
Instrument :
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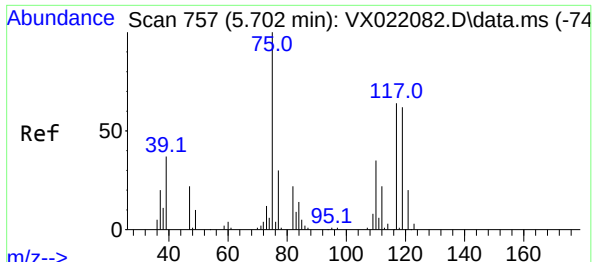
Tgt Ion:114 Resp: 141453
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.02 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

Tgt Ion:113 Resp: 43970
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 16.9 16.7 25.1

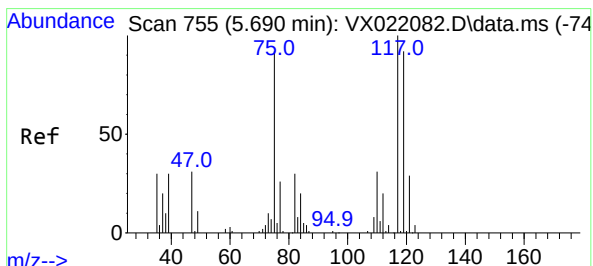
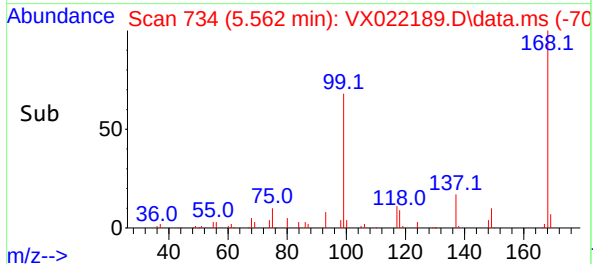
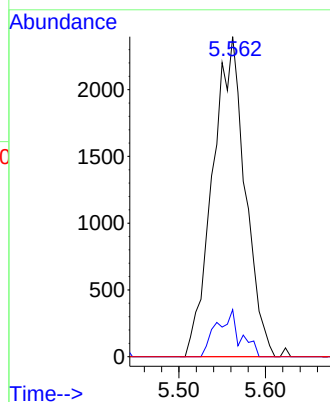
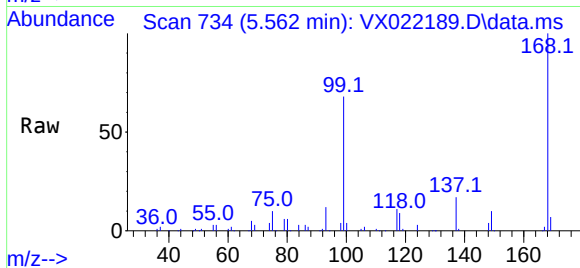




#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

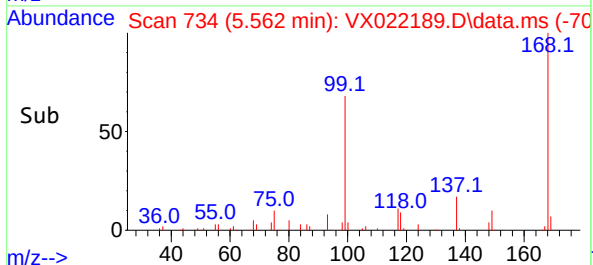
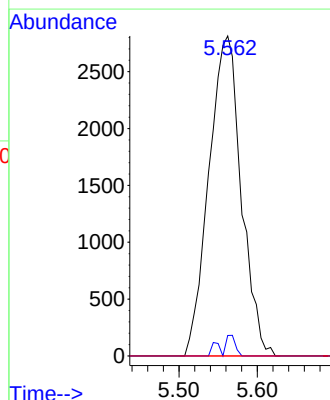
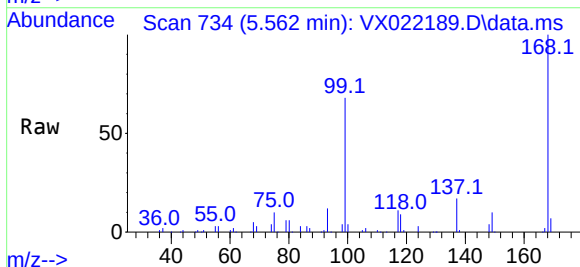
Instrument :
MSVOA_X
ClientSampleId :
VX0527MBL01

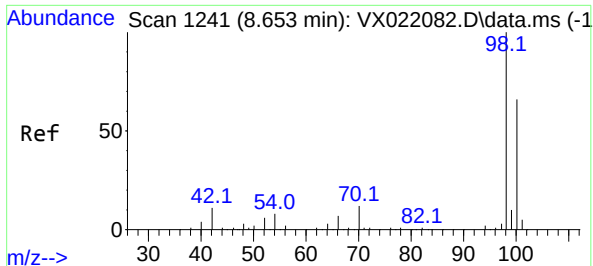
Tgt Ion: 75 Resp: 6249
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

Tgt Ion: 117 Resp: 8085
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#

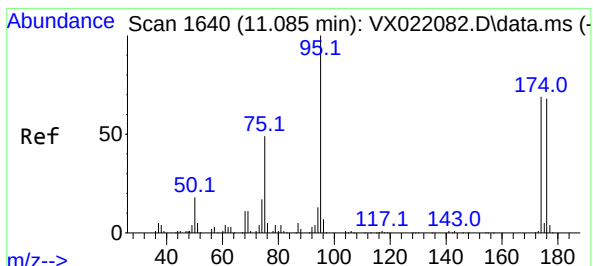
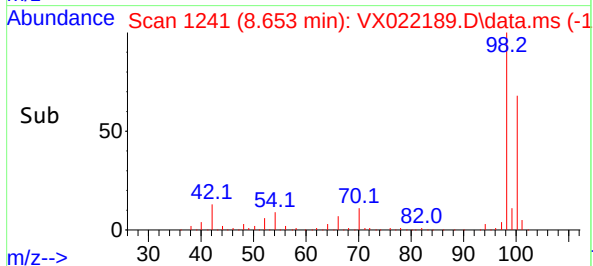
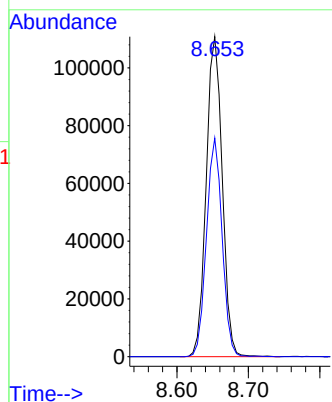
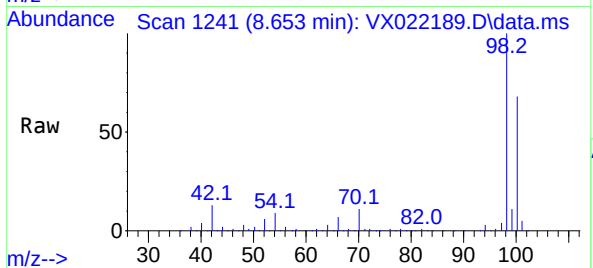




#50
Toluene-d8
Concen: 49.93 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

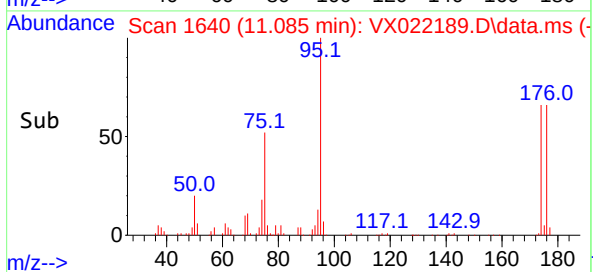
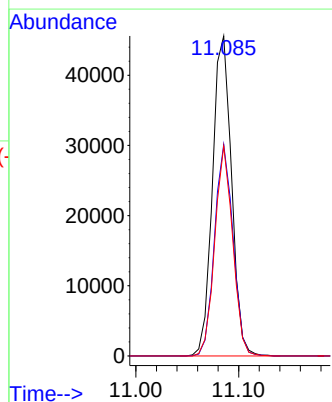
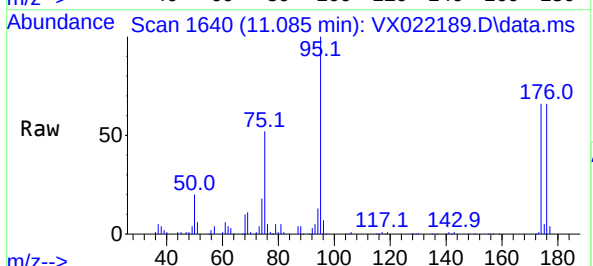
Instrument :
MSVOA_X
ClientSampleId :
VX0527MBL01

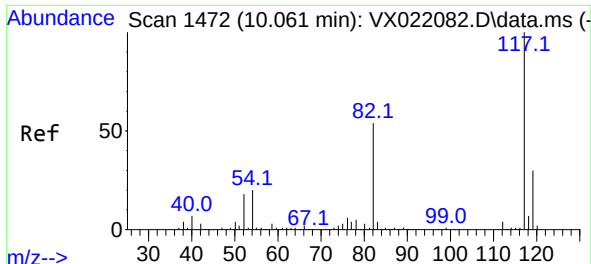
Tgt Ion: 98 Resp: 172529
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.82 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

Tgt Ion: 95 Resp: 58517
Ion Ratio Lower Upper
95 100
174 64.4 0.0 154.6
176 61.9 0.0 155.8

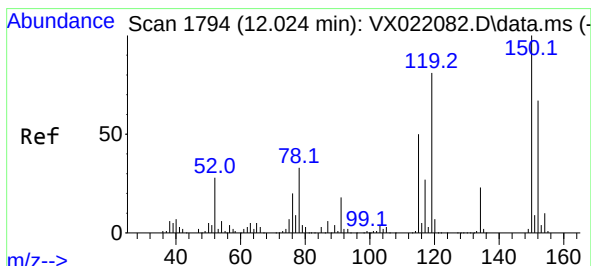
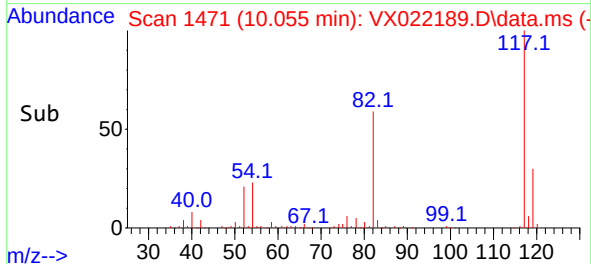
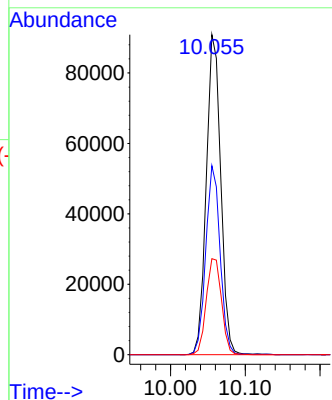
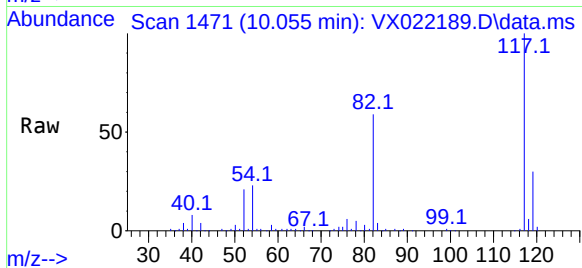




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

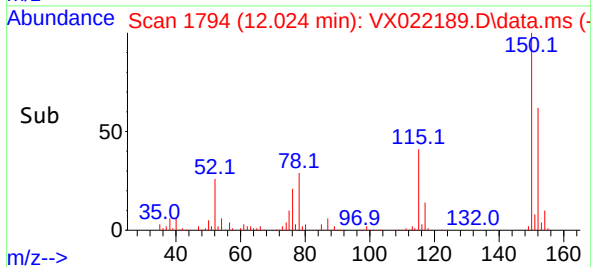
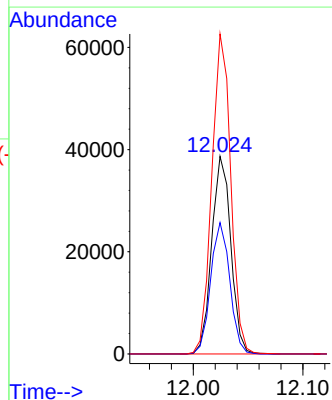
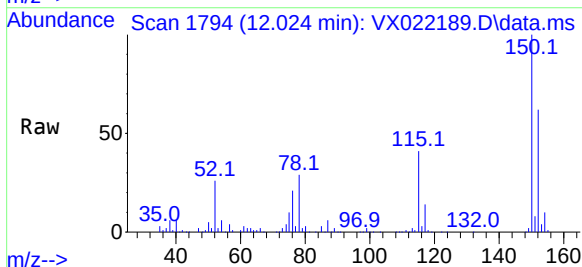
Instrument :
MSVOA_X
ClientSampleId :
VX0527MBL01

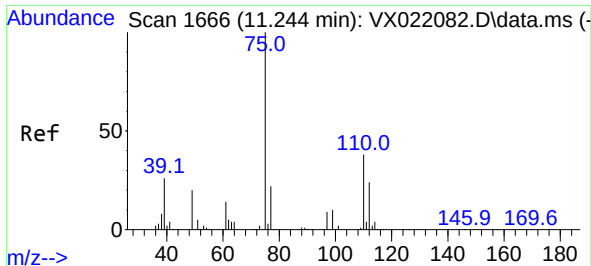
Tgt Ion:117 Resp: 121983
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 30.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

Tgt Ion:152 Resp: 46911
Ion Ratio Lower Upper
152 100
115 66.4 41.1 123.3
150 160.1 0.0 349.0

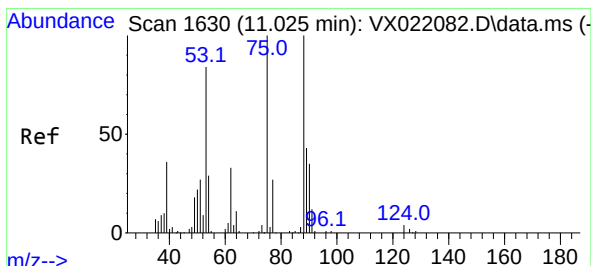
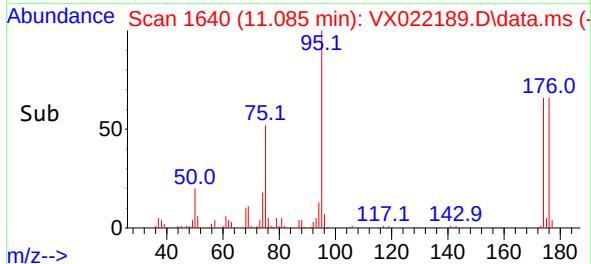
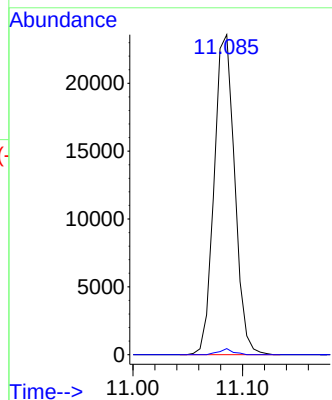
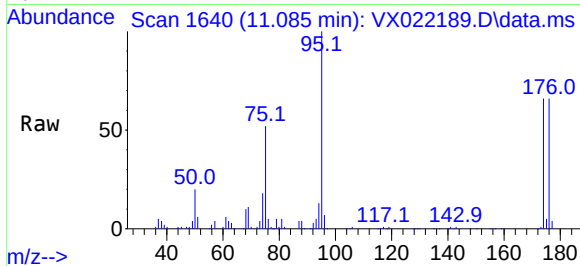




#76
1,2,3-Trichloropropane
Concen: 26.54 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

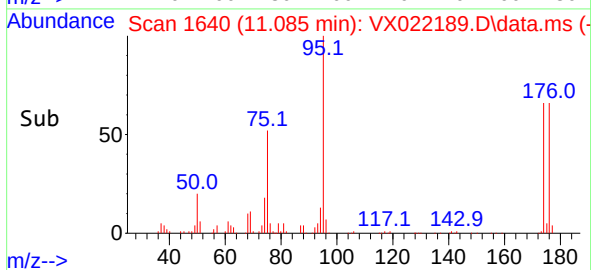
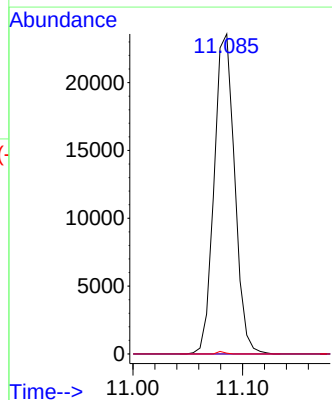
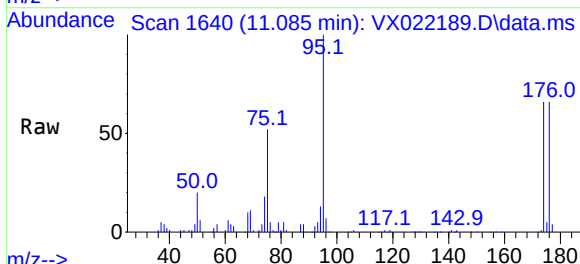
Instrument :
MSVOA_X
ClientSampleId :
VX0527MBL01

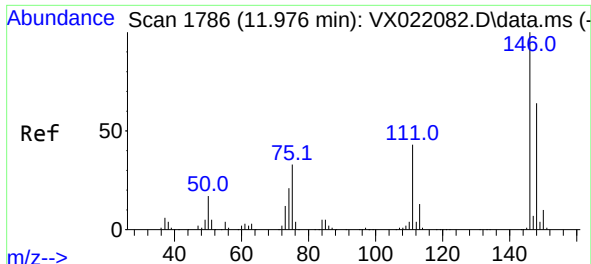
Tgt Ion: 75 Resp: 30710
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.87 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

Tgt Ion: 75 Resp: 30710
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.3 37.9 56.9#

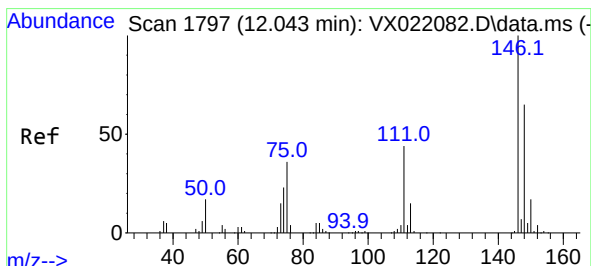
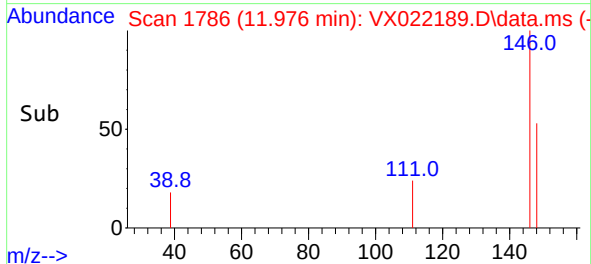
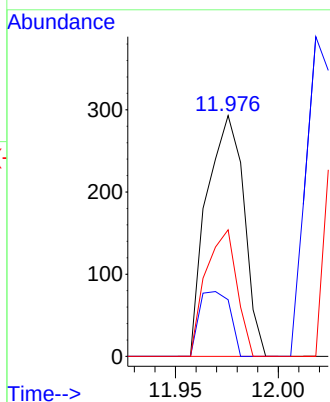
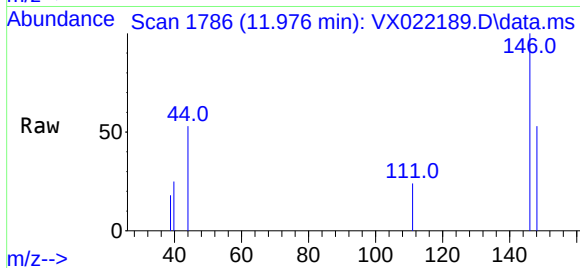




#87
1,3-Dichlorobenzene
Concen: 0.23 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. -0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

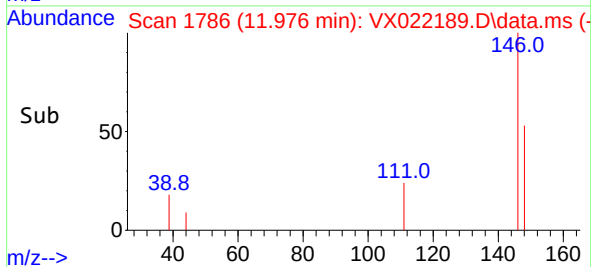
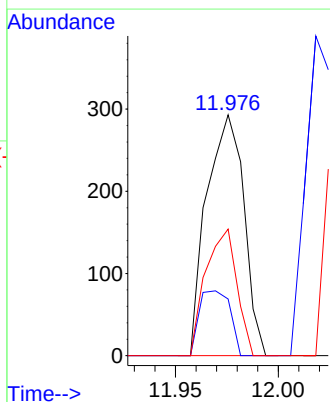
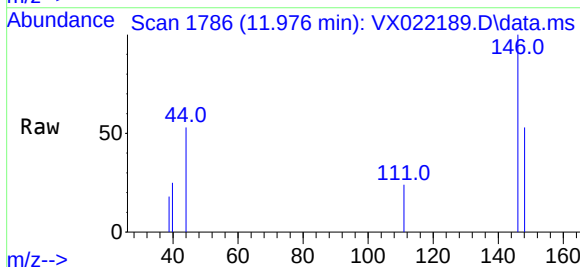
Instrument :
MSVOA_X
ClientSampled :
VX0527MBL01

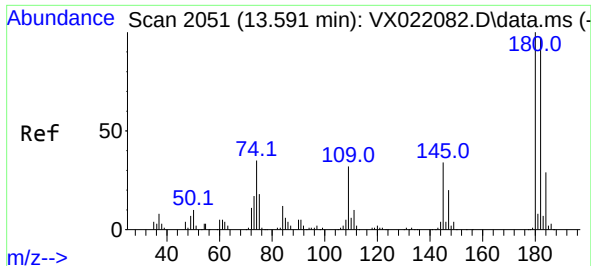
Tgt Ion:146 Resp: 368
Ion Ratio Lower Upper
146 100
111 22.3 20.2 60.5
148 44.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 0.22 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

Tgt Ion:146 Resp: 368
Ion Ratio Lower Upper
146 100
111 22.3 19.6 58.8
148 44.0 31.6 95.0

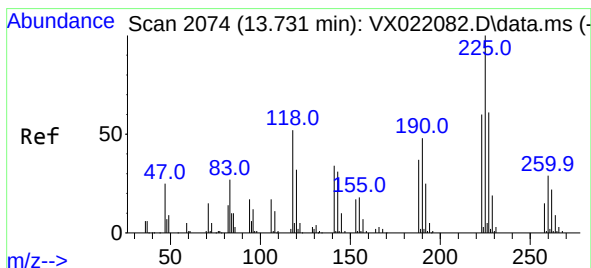
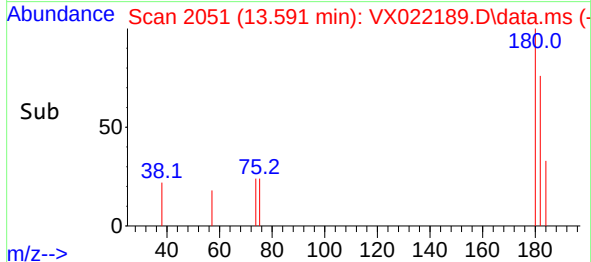
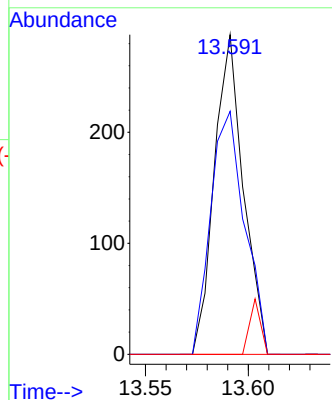
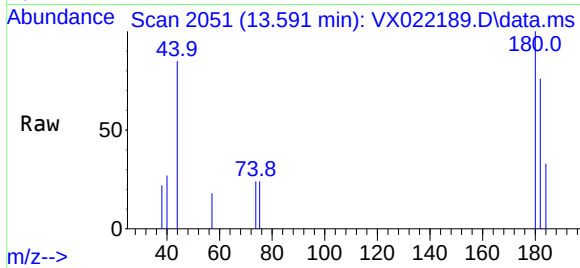




#93
1,2,4-Trichlorobenzene
Concen: 0.30 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

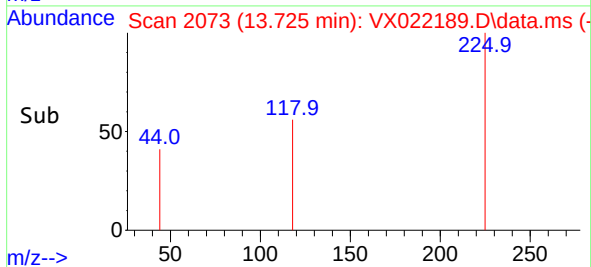
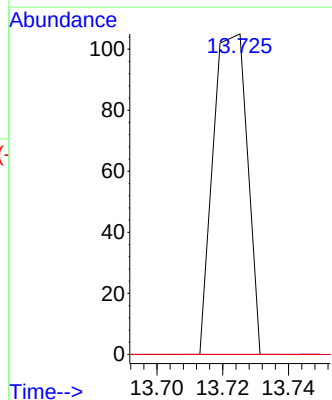
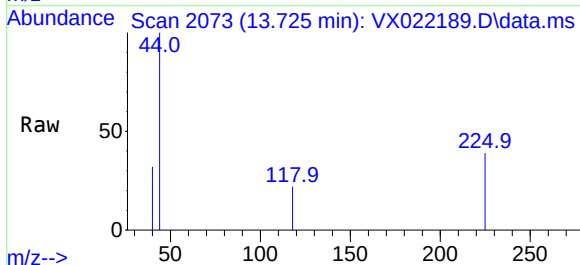
Instrument :
MSVOA_X
ClientSampleId :
VX0527MBL01

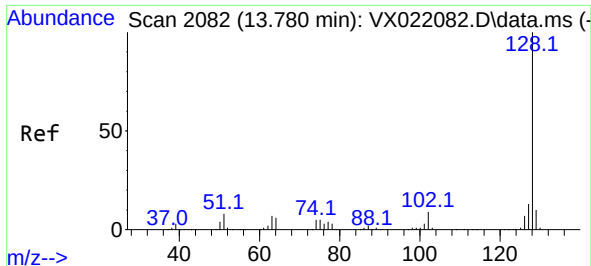
Tgt Ion:180 Resp: 283
Ion Ratio Lower Upper
180 100
182 89.0 47.7 143.1
145 6.4 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.21 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

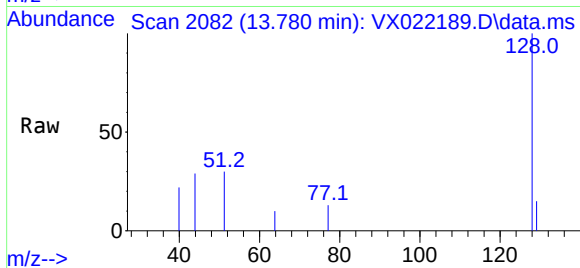
Tgt Ion:225 Resp: 76
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#



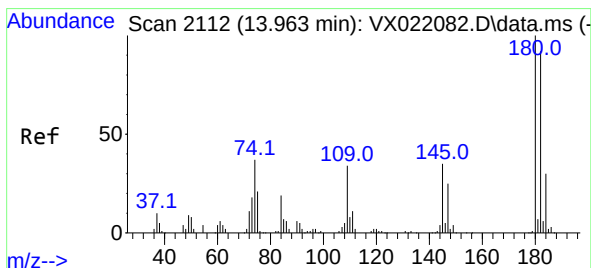
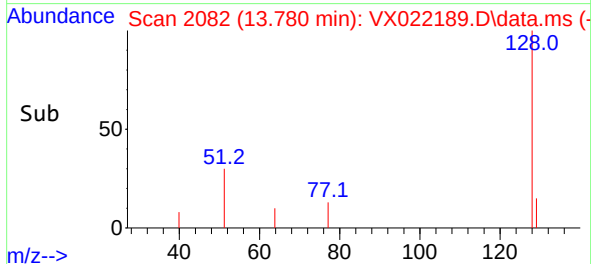
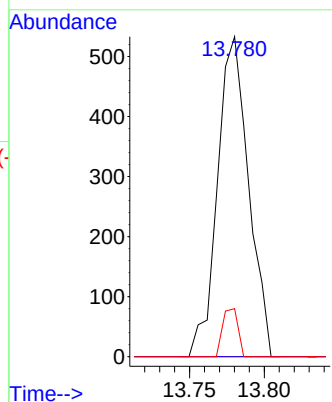


#95
Naphthalene
Concen: 0.21 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54

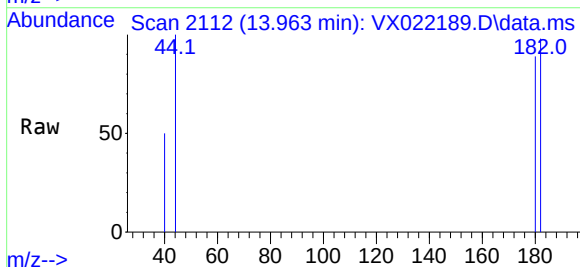
Instrument :
MSVOA_X
ClientSampleId :
VX0527MBL01



Tgt Ion:128 Resp: 772
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 7.4 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.27 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX022189.D
Acq: 26 May 2021 11:54



Tgt Ion:180 Resp: 260
Ion Ratio Lower Upper
180 100
182 113.1 47.6 142.9
145 0.0 16.1 48.3#

