

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022479.D
 Acq On : 06 Jun 2021 15:48
 Operator : JC/MD
 Sample : VX0606WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBL01

Quant Time: Jun 07 04:24:21 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)

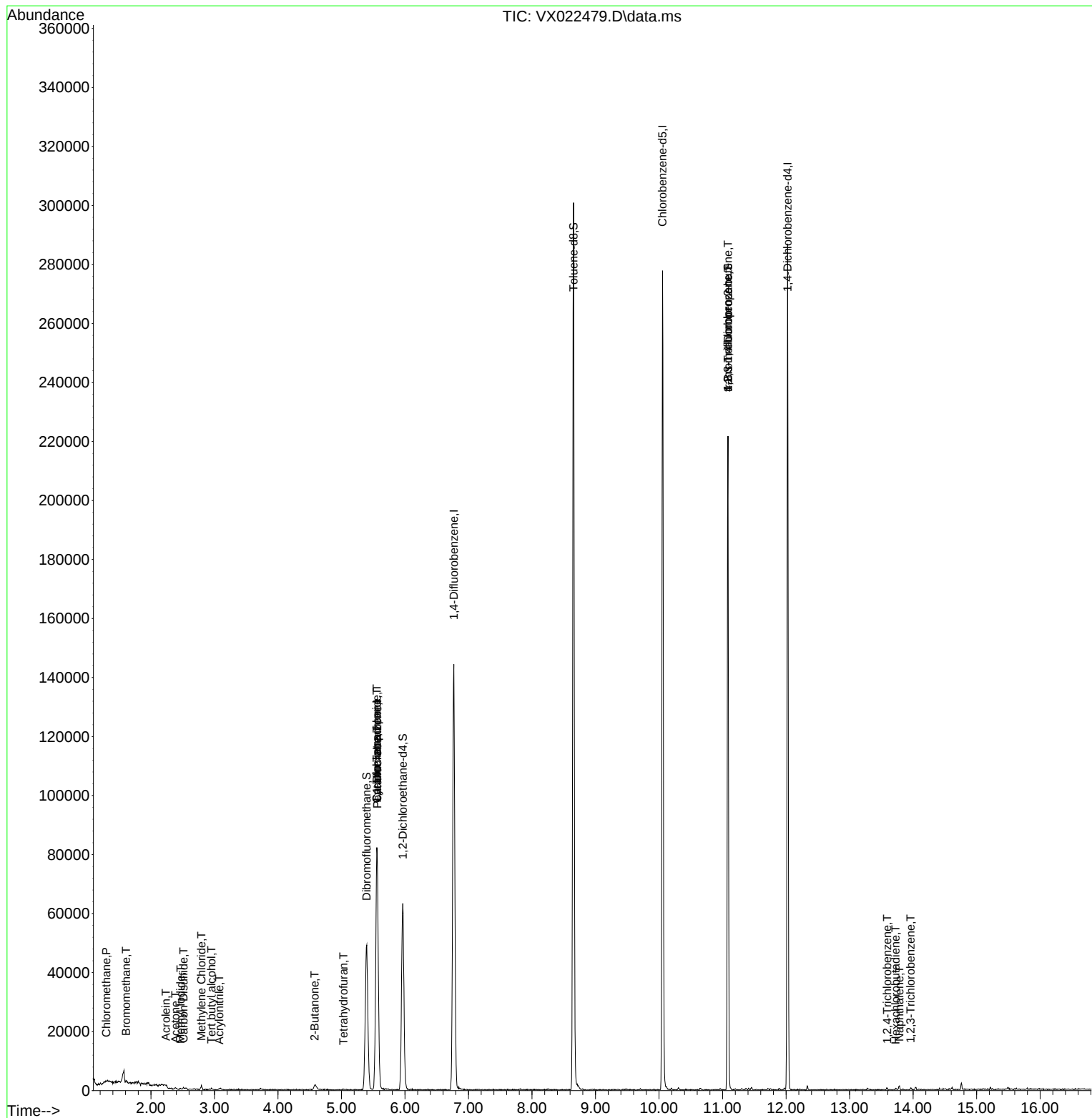
Internal Standards						
1) Pentafluorobenzene	5.562	168	69492	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	142117	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56576	52.778	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.560%			
35) Dibromofluoromethane	5.397	113	41699	46.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.540%			
50) Toluene-d8	8.653	98	172042	49.556	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.120%			
62) 4-Bromofluorobenzene	11.085	95	61098	47.614	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.220%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	239	0.262	ug/l	# 42
5) Bromomethane	1.605	94	207	0.368	ug/l	# 64
10) Methyl Iodide	2.465	142	317	0.358	ug/l	# 63
11) Tert butyl alcohol	2.952	59	295	1.203	ug/l	# 73
13) Acrolein	2.233	56	71	0.437	ug/l	# 14
15) Acrylonitrile	3.074	53	239	0.495	ug/l	# 72
16) Acetone	2.385	43	621	1.330	ug/l	96
17) Carbon Disulfide	2.513	76	869	0.417	ug/l	# 75
20) Methylene Chloride	2.794	84	543	0.524	ug/l	# 85
25) 2-Butanone	4.574	43	205	0.271	ug/l	# 45
29) Tetrahydrofuran	5.031	42	160	0.356	ug/l	# 27
31) Cyclohexane	5.556	56	2107	1.564	ug/l	# 9
36) 1,1-Dichloropropene	5.556	75	6949	5.288	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	8016	6.236	ug/l	# 16
76) 1,2,3-Trichloropropane	11.085	75	32065	25.899	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	32065	61.363	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.591	180	224	0.223	ug/l	88
94) Hexachlorobutadiene	13.725	225	132	0.336	ug/l	# 45
95) Naphthalene	13.786	128	981	0.250	ug/l	# 94
96) 1,2,3-Trichlorobenzene	13.963	180	221	0.218	ug/l	# 70

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0606WBL01

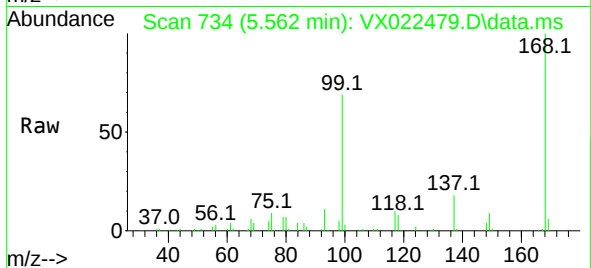
Quant Time: Jun 07 04:24:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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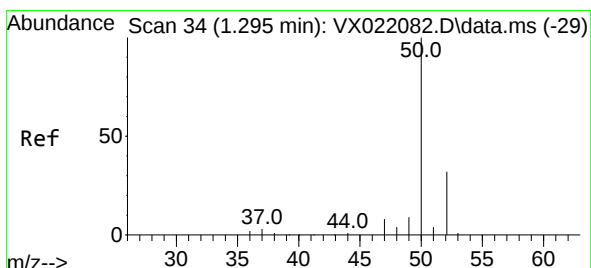
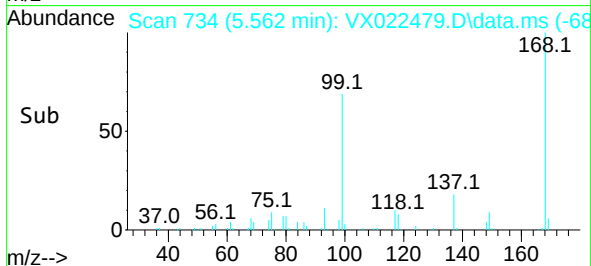
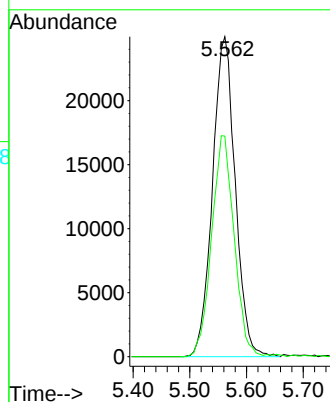


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

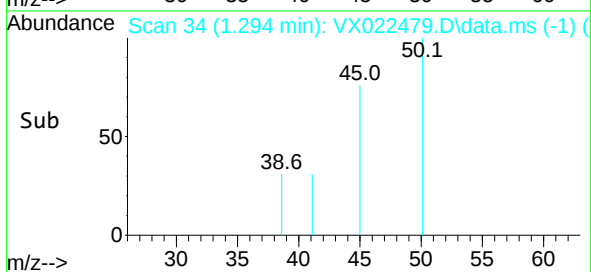
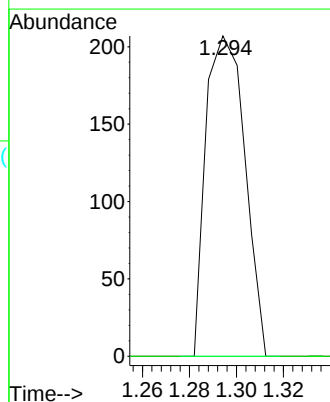
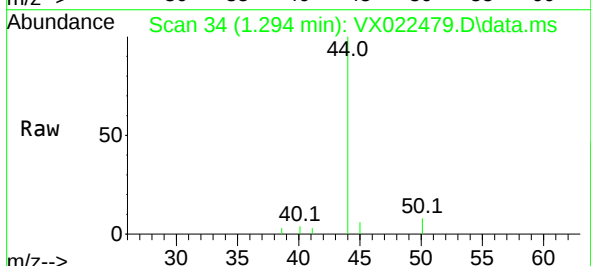


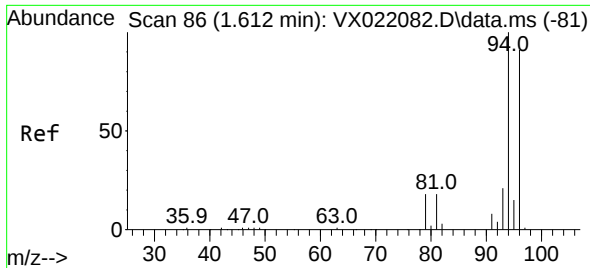
Tgt Ion:168 Resp: 69492
Ion Ratio Lower Upper
168 100
99 69.0 45.8 68.6#



#3
Chloromethane
Concen: 0.262 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion: 50 Resp: 239
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

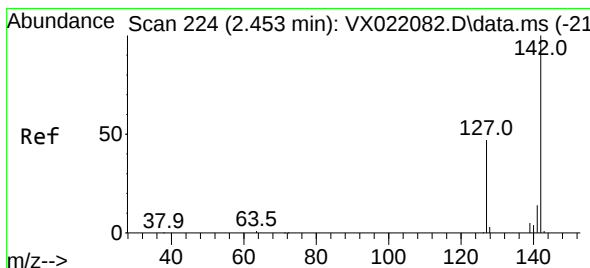
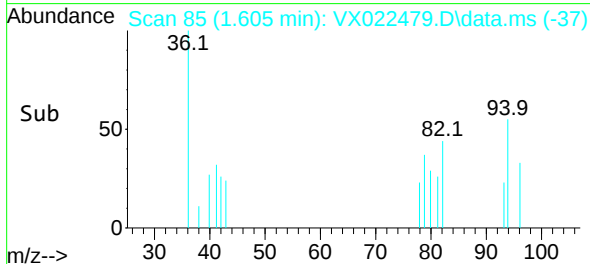
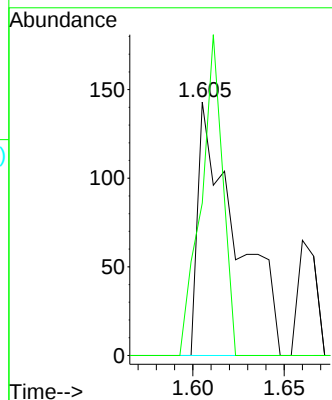
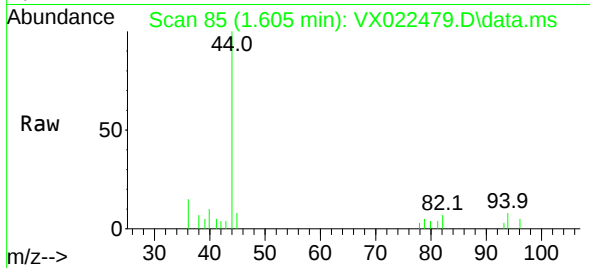




#5
Bromomethane
Concen: 0.368 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

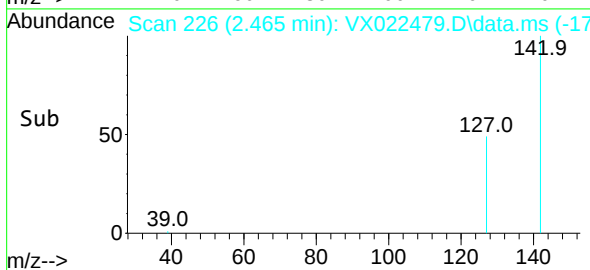
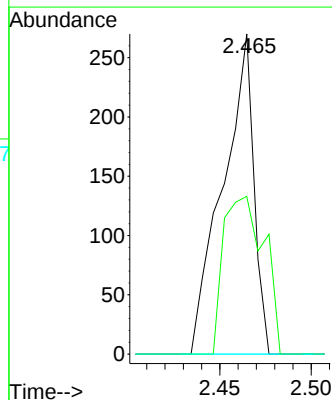
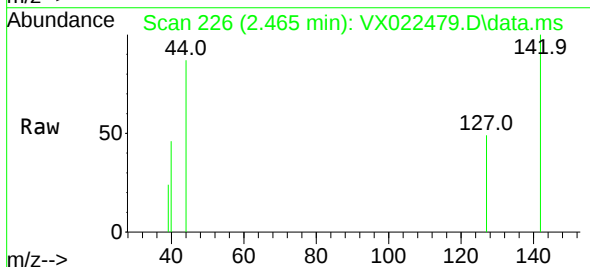
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

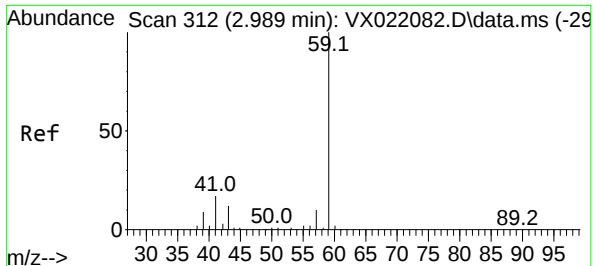
Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 60.1 76.4 114.6#



#10
Methyl Iodide
Concen: 0.358 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion: 142 Resp: 317
Ion Ratio Lower Upper
142 100
127 65.0 33.3 49.9#
141 0.0 11.4 17.0#



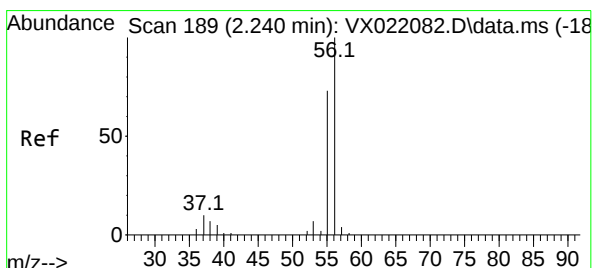
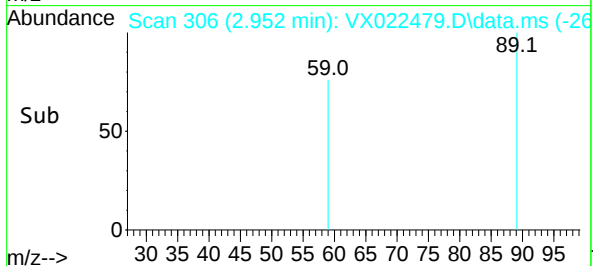
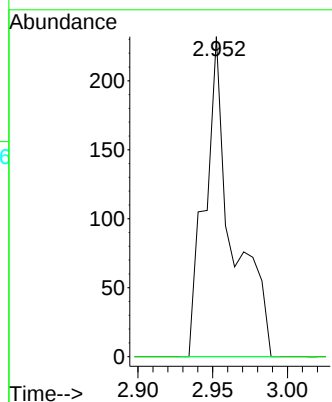
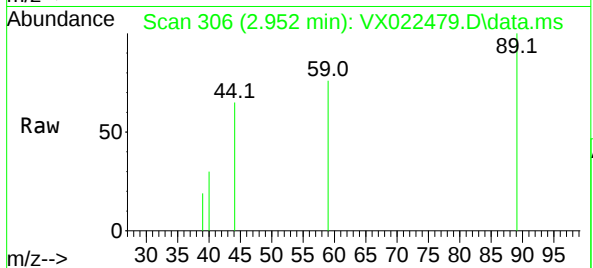


#11

Tert butyl alcohol
Concen: 1.203 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.037 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

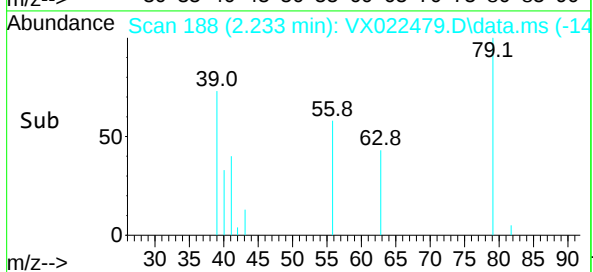
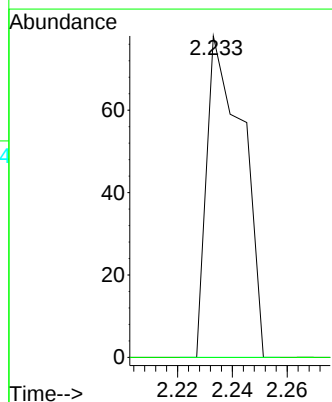
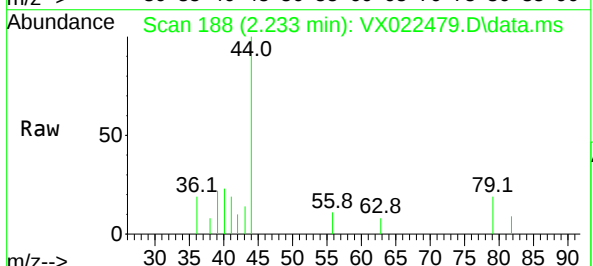
Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

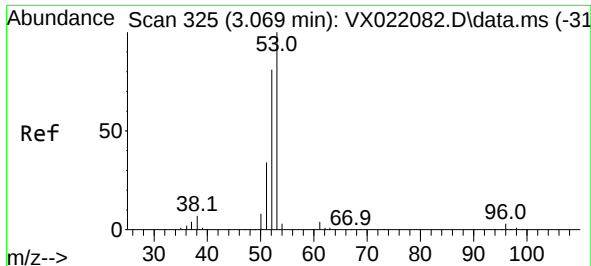


#13

Acrolein
Concen: 0.437 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

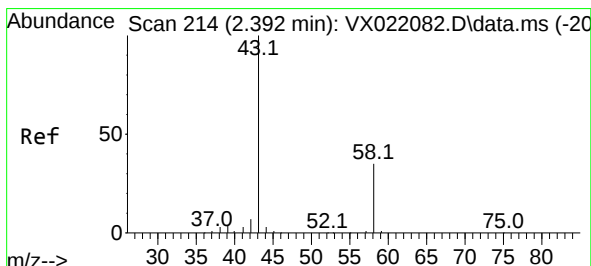
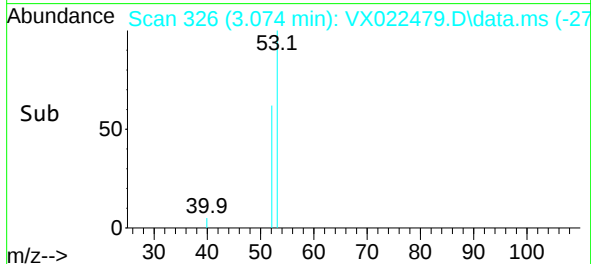
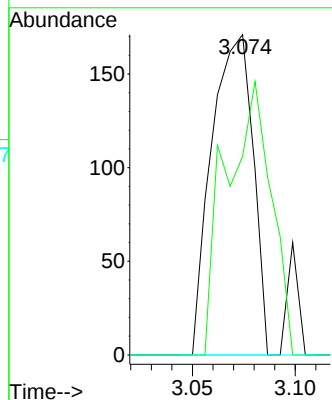
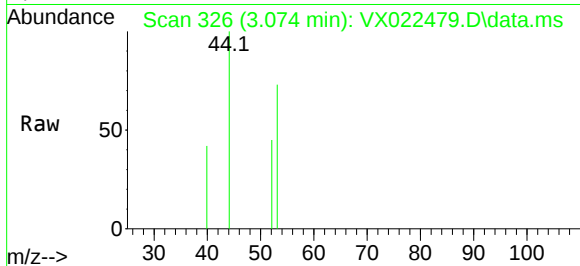




#15
Acrylonitrile
Concen: 0.495 ug/l
RT: 3.074 min Scan# 326
Delta R.T. 0.005 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

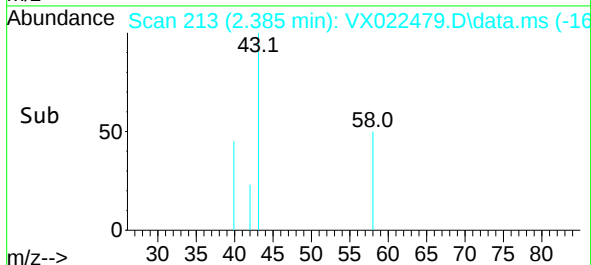
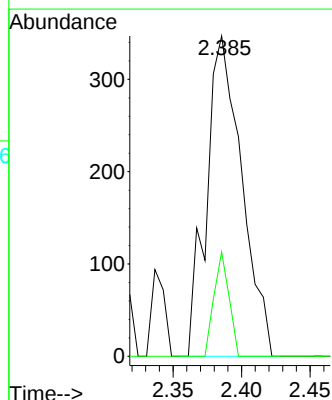
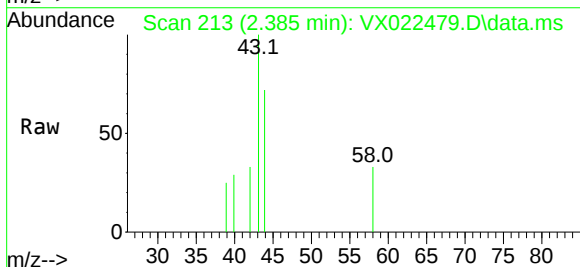
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

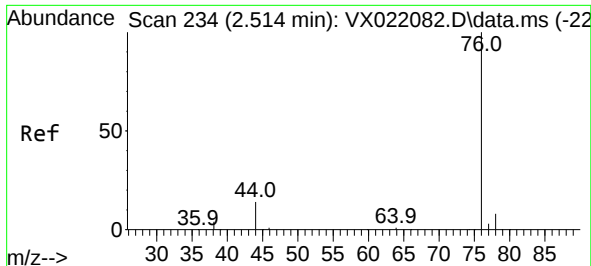
Tgt Ion: 53 Resp: 239
Ion Ratio Lower Upper
53 100
52 93.7 65.3 97.9
51 0.0 28.2 42.2#



#16
Acetone
Concen: 1.330 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8

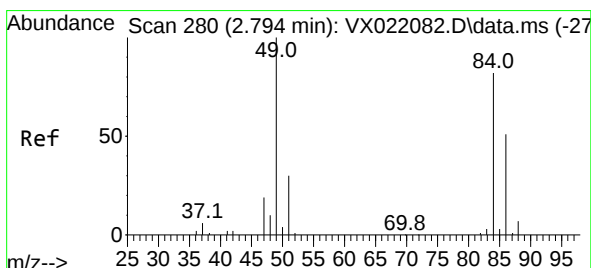
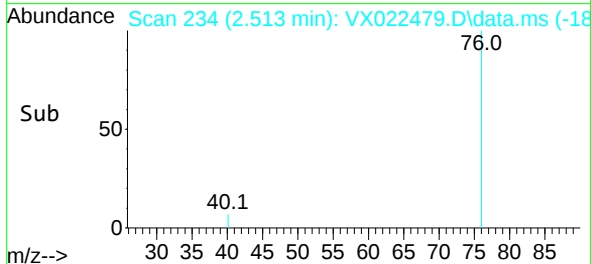
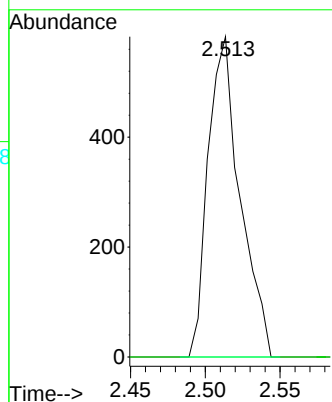
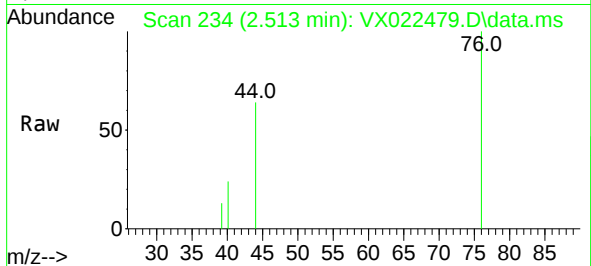




#17
Carbon Disulfide
Concen: 0.417 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

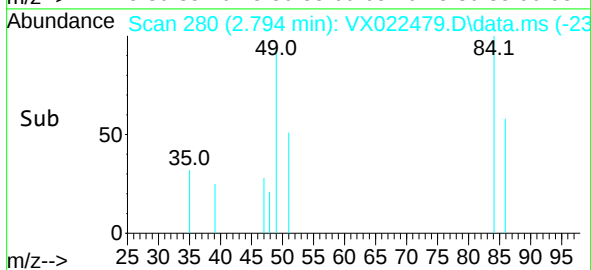
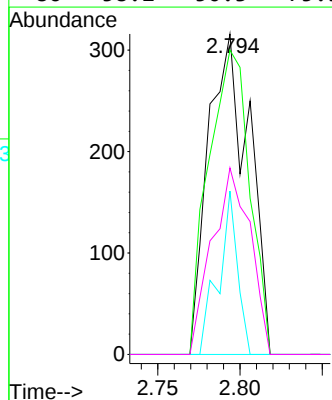
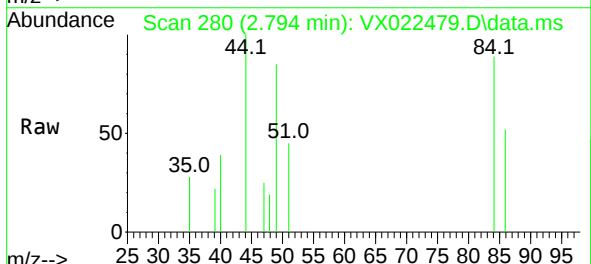
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

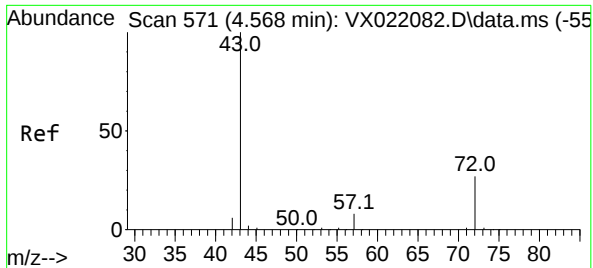
Tgt Ion: 76 Resp: 869
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.524 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion: 84 Resp: 543
Ion Ratio Lower Upper
84 100
49 94.9 88.6 132.8
51 50.9 27.0 40.6#
86 58.2 50.3 75.5

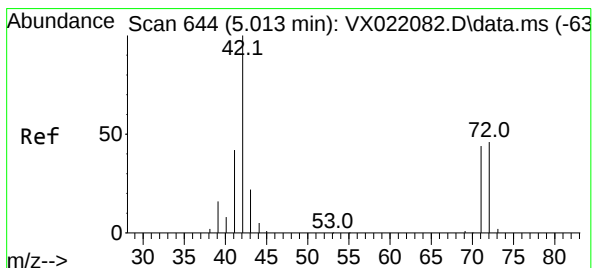
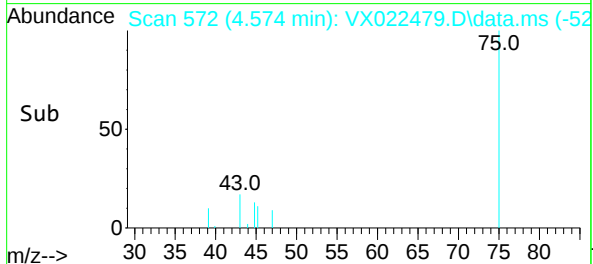
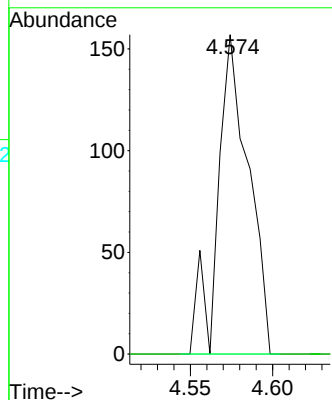
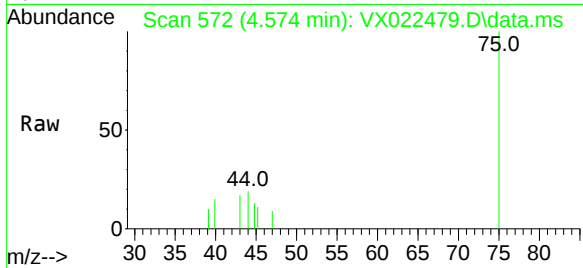




#25
2-Butanone
Concen: 0.271 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

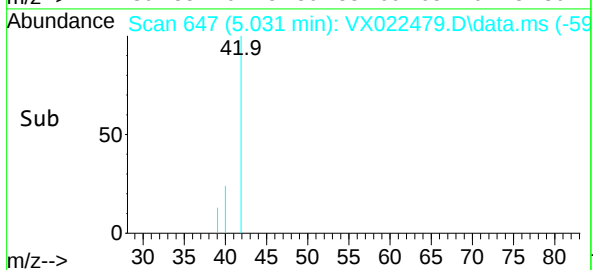
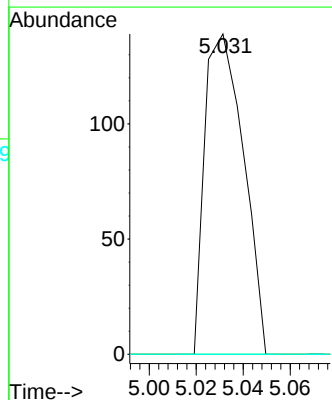
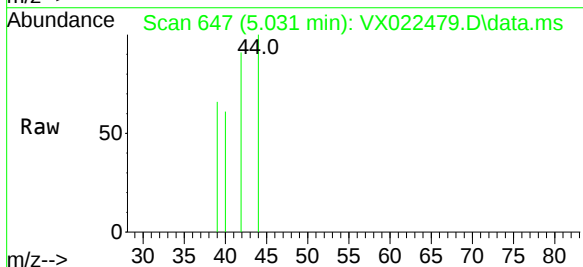
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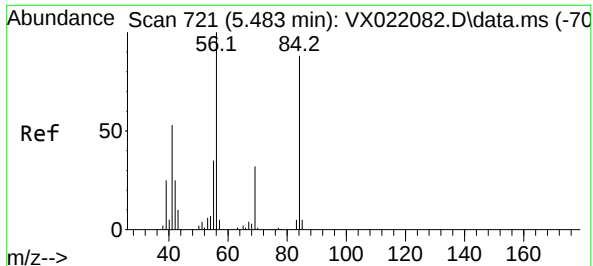
Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.356 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion: 42 Resp: 160
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#

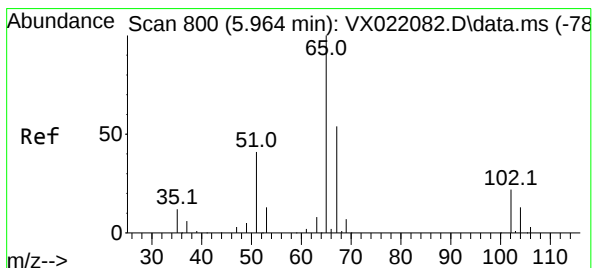
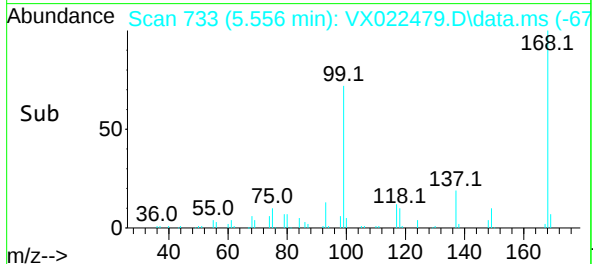
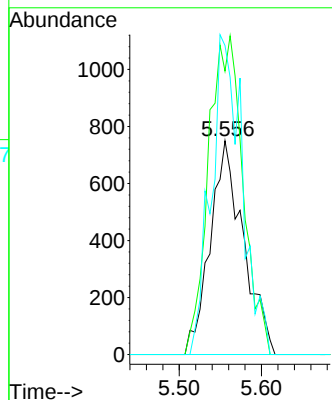
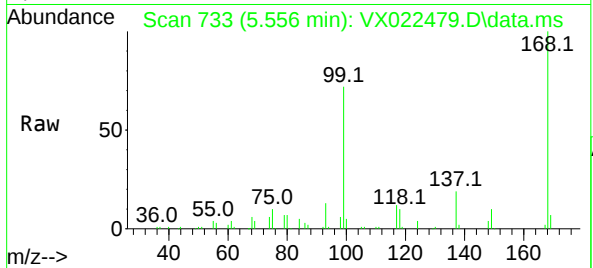




#31
Cyclohexane
Concen: 1.564 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

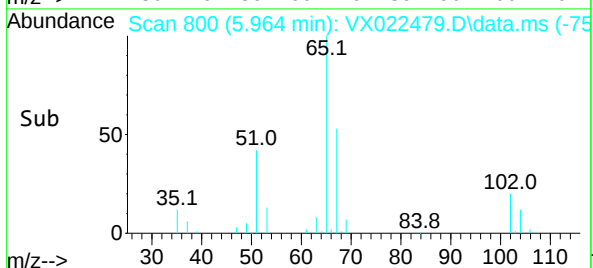
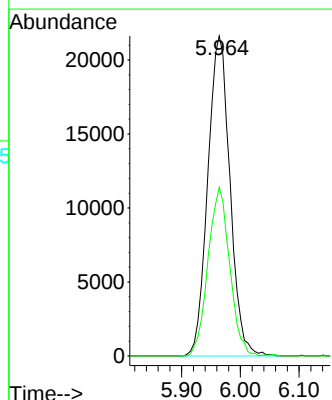
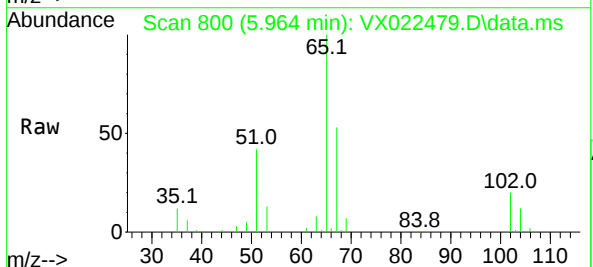
Instrument :
MSVOA_X
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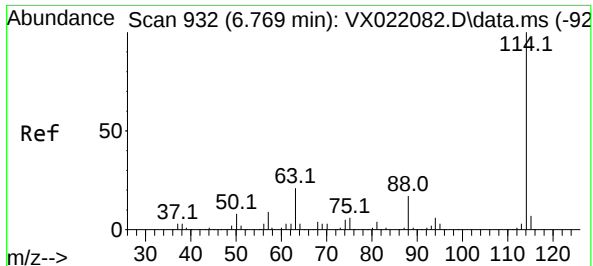
Tgt Ion: 56 Resp: 2107
Ion Ratio Lower Upper
56 100
69 132.5 25.3 37.9#
84 144.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.778 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion: 65 Resp: 56576
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

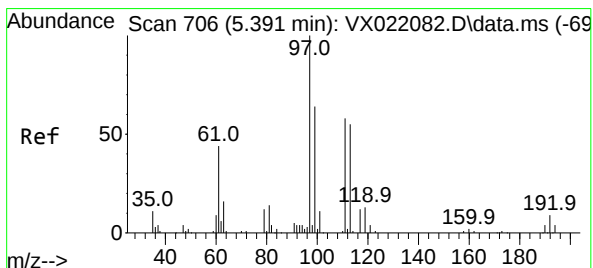
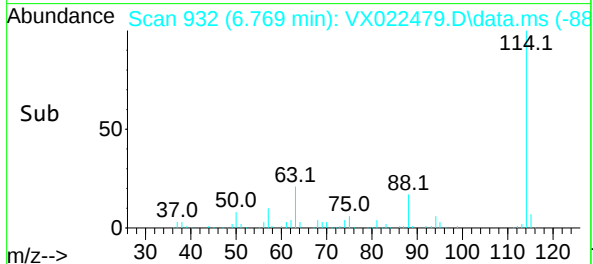
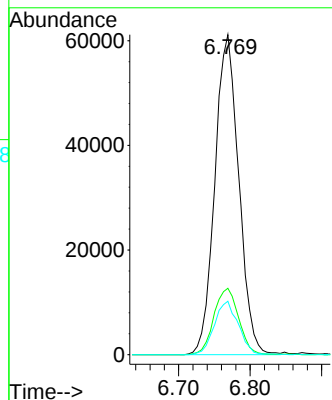
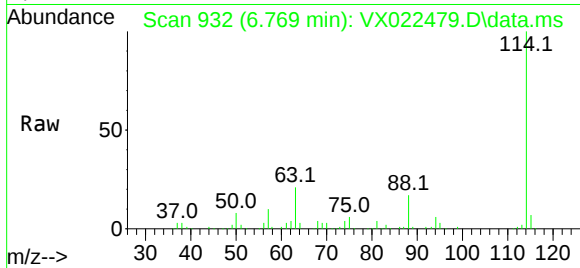




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

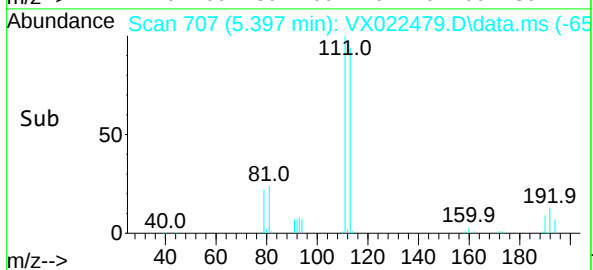
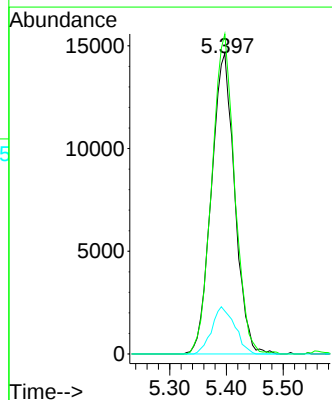
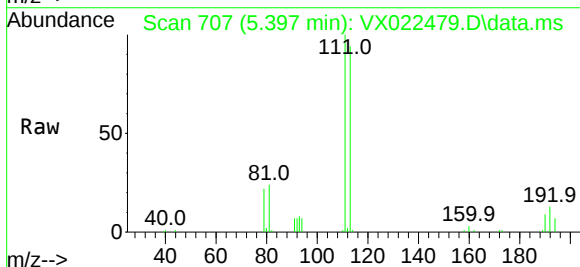
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

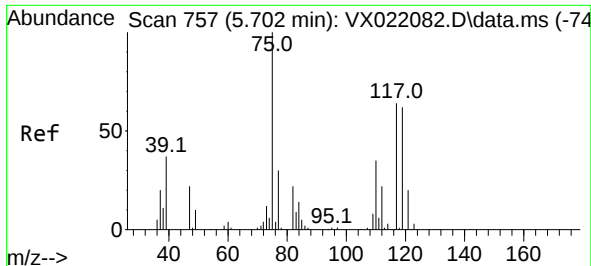
Tgt Ion:114 Resp: 142117
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.269 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion:113 Resp: 41699
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 15.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.288 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022479.D

Acq: 06 Jun 2021 15:48

Tgt Ion: 75 Resp: 6949

Ion Ratio Lower Upper

75 100

110 7.9 18.1 54.4#

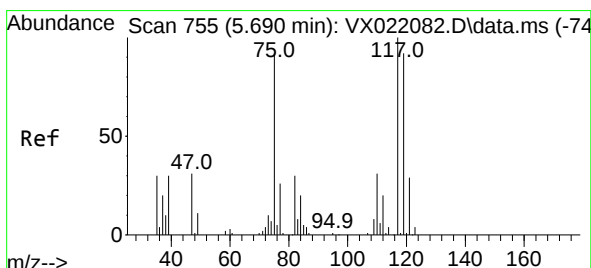
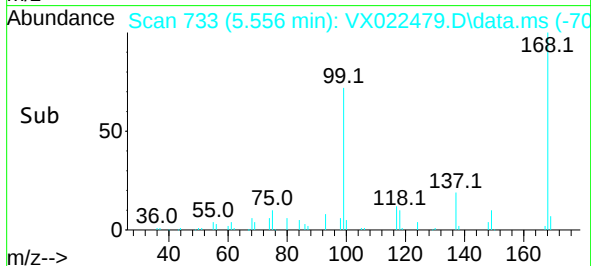
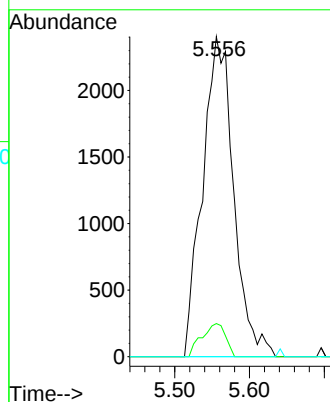
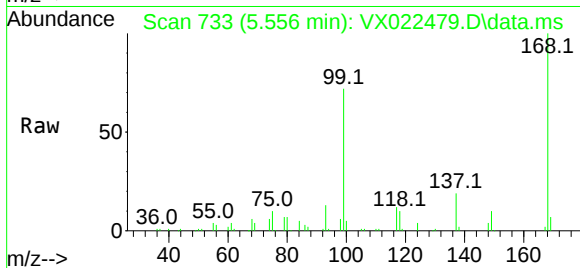
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBL01



#38

Carbon Tetrachloride

Concen: 6.236 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX022479.D

Acq: 06 Jun 2021 15:48

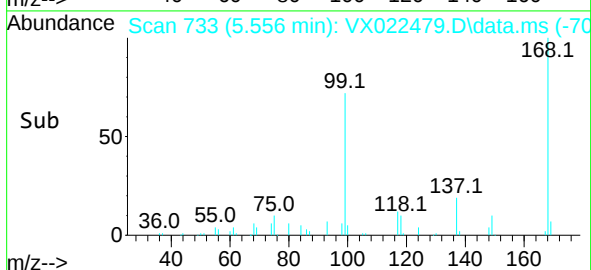
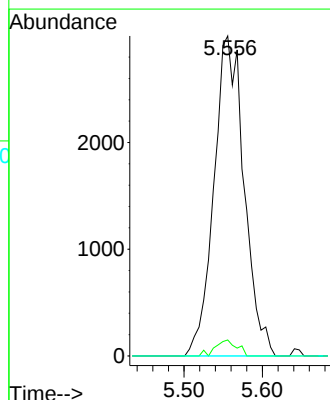
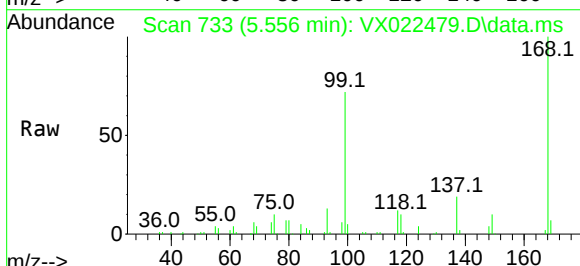
Tgt Ion: 117 Resp: 8016

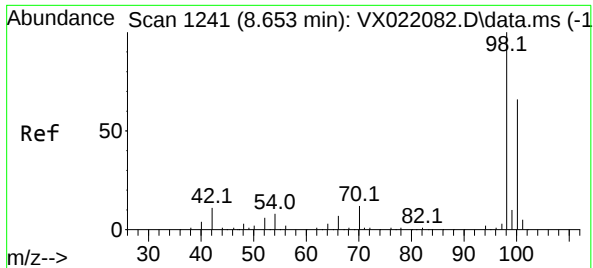
Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

121 0.0 24.8 37.2#

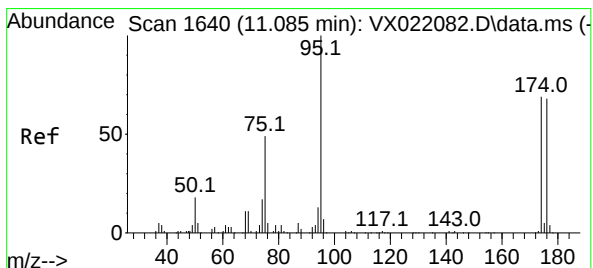
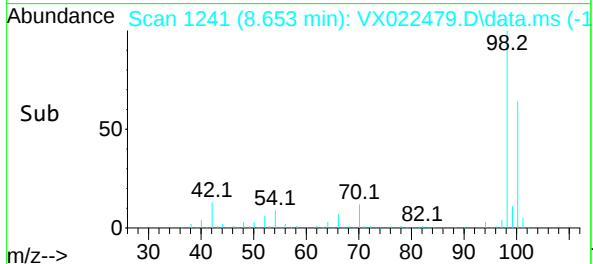
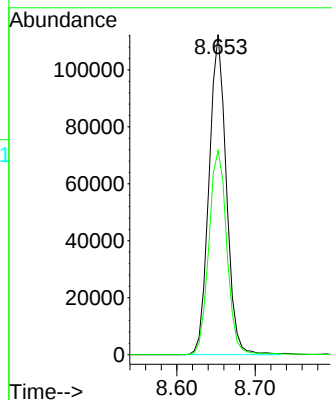
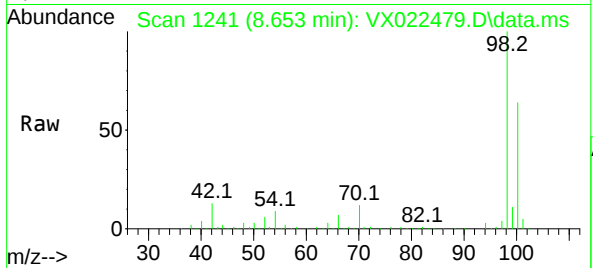




#50
Toluene-d8
Concen: 49.556 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

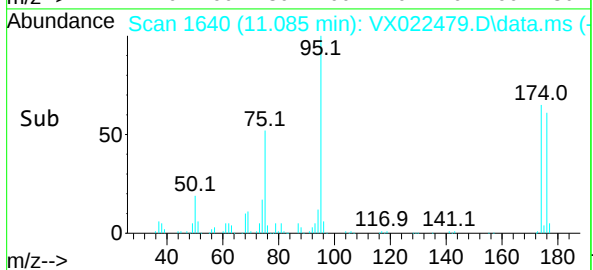
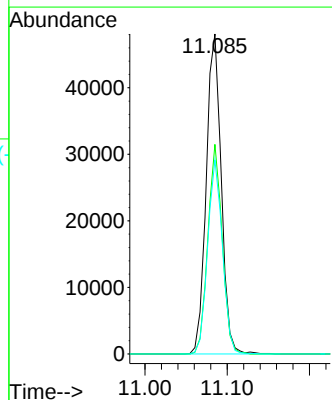
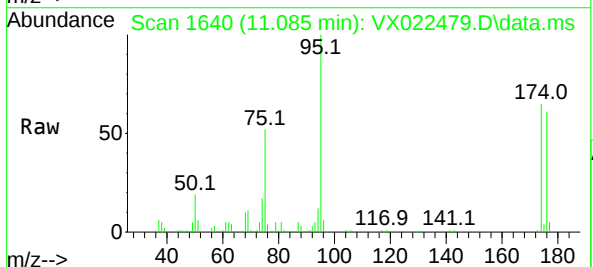
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

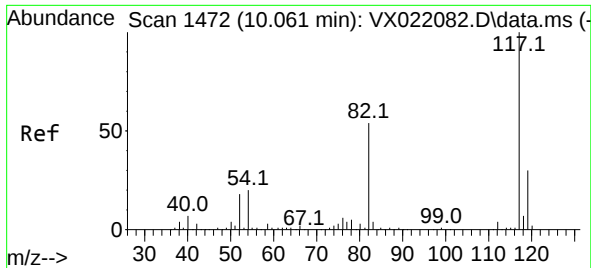
Tgt Ion: 98 Resp: 172042
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.614 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion: 95 Resp: 61098
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 59.5 0.0 155.8

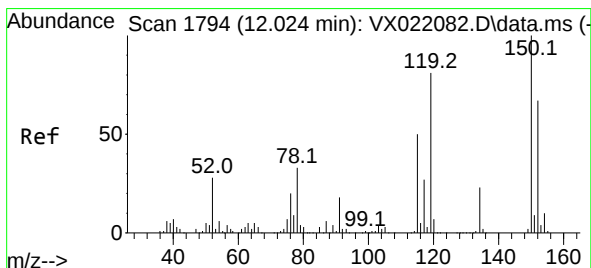
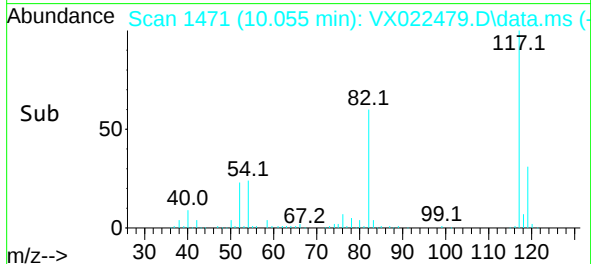
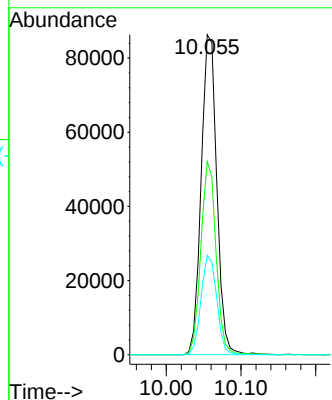
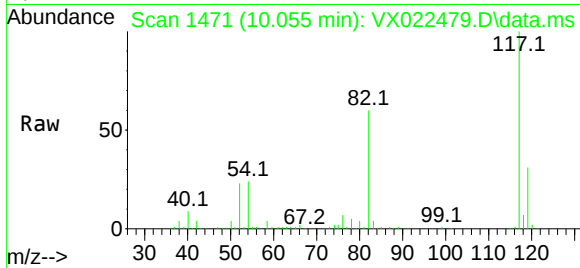




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

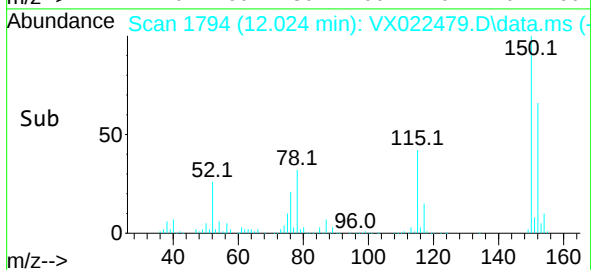
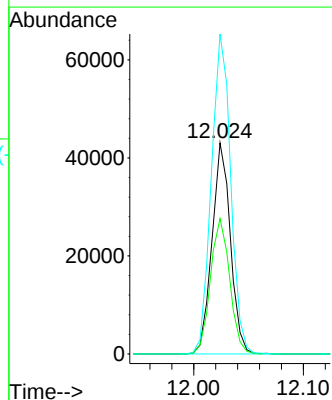
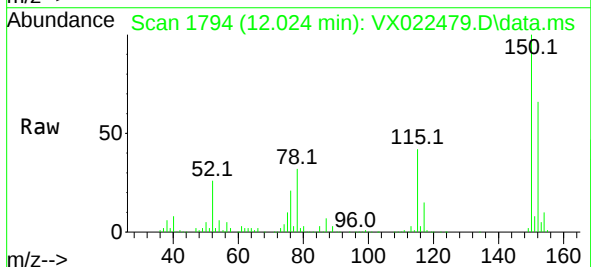
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

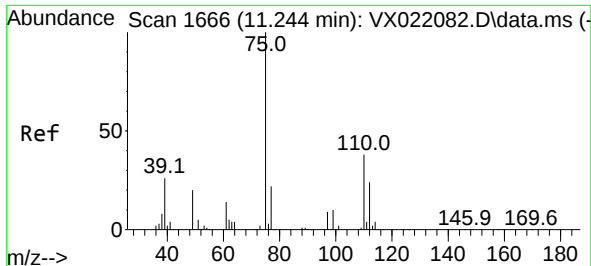
Tgt Ion:117 Resp: 125137
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion:152 Resp: 50186
Ion Ratio Lower Upper
152 100
115 67.0 41.1 123.3
150 159.1 0.0 349.0

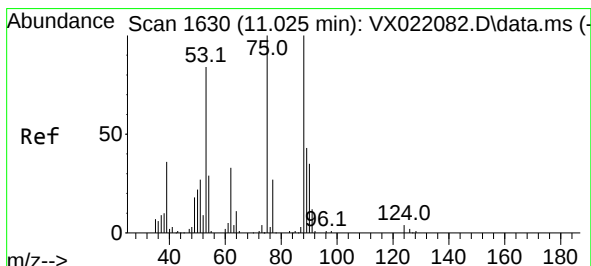
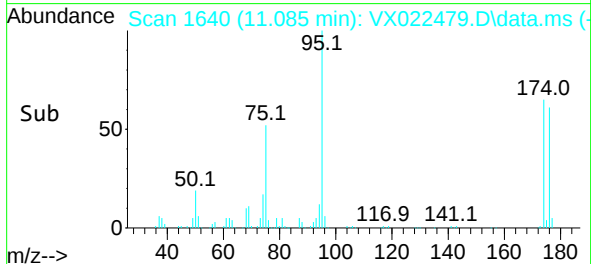
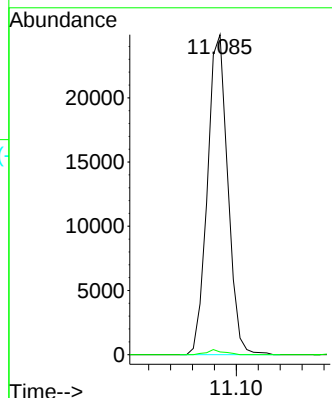
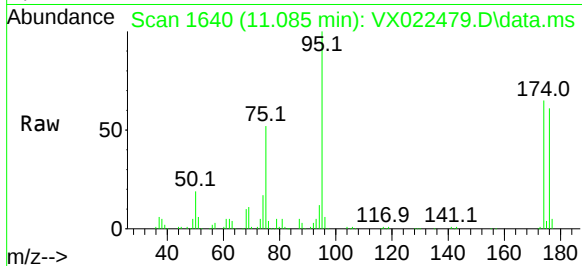




#76
1,2,3-Trichloropropane
Concen: 25.899 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

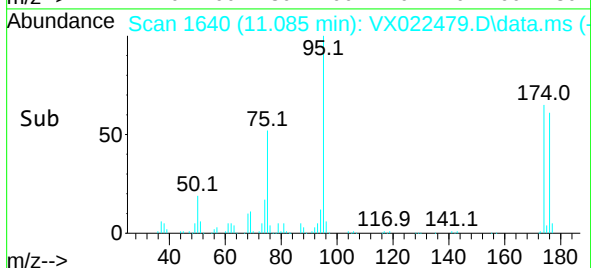
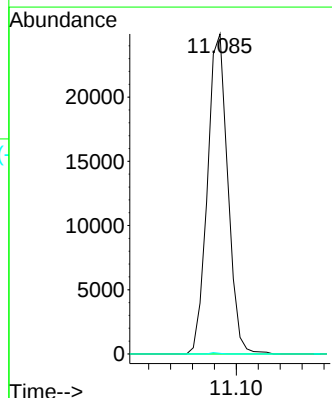
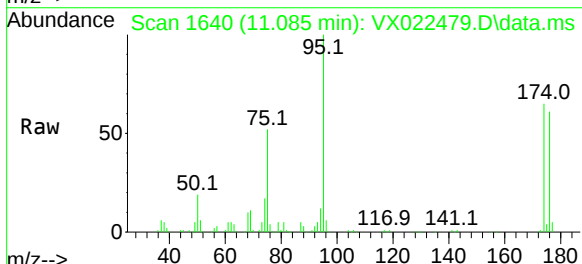
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

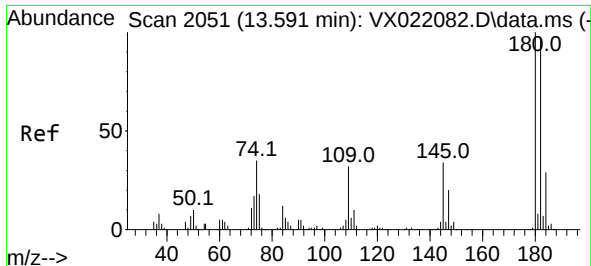
Tgt Ion: 75 Resp: 32065
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.363 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

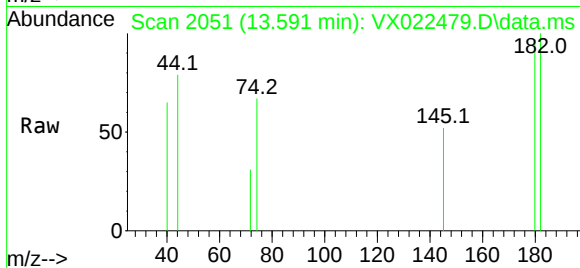
Tgt Ion: 75 Resp: 32065
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#



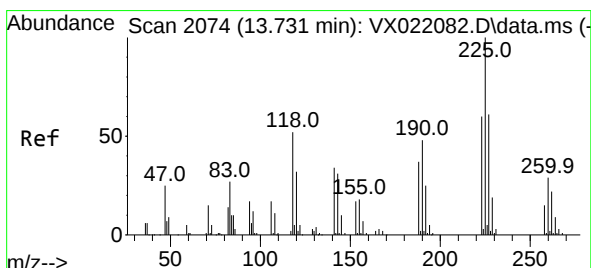
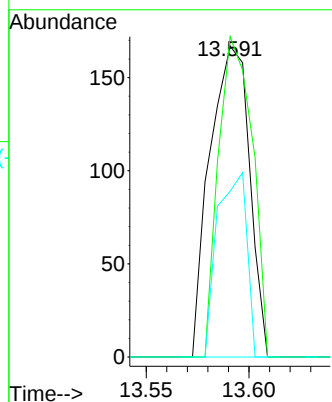
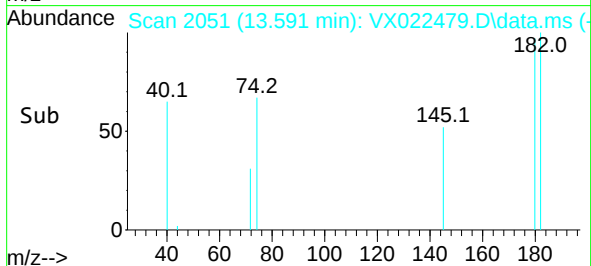


#93
1,2,4-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

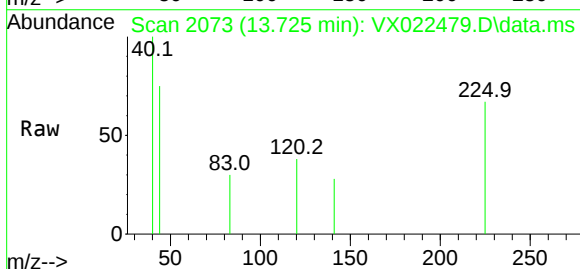
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01



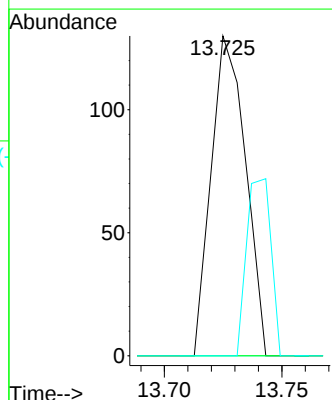
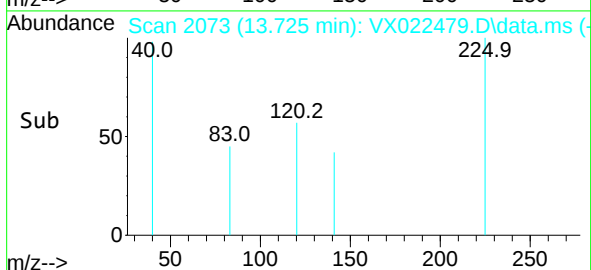
Tgt Ion:180 Resp: 224
Ion Ratio Lower Upper
180 100
182 87.9 47.7 143.1
145 43.8 15.0 45.0

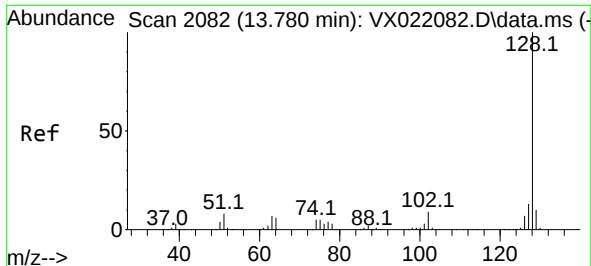


#94
Hexachlorobutadiene
Concen: 0.336 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48



Tgt Ion:225 Resp: 132
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 39.4 31.6 95.0

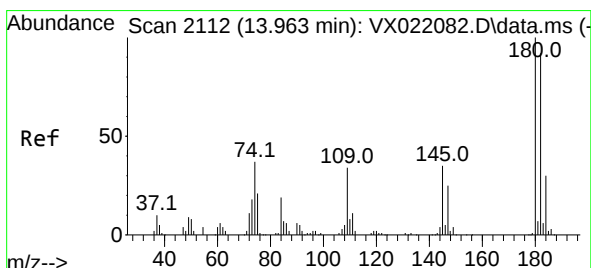
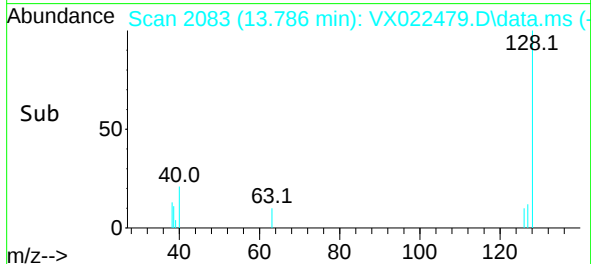
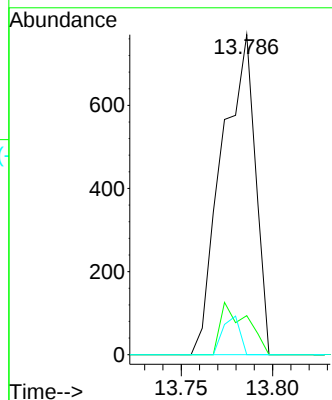
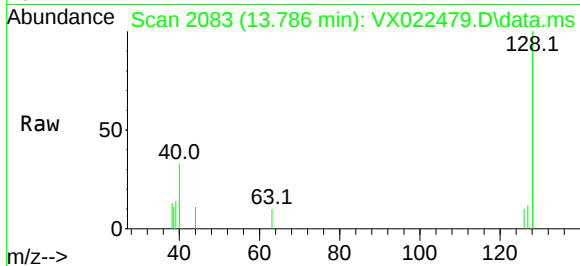




#95
Naphthalene
Concen: 0.250 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

Tgt Ion:128 Resp: 981
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 6.2 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.218 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX022479.D
Acq: 06 Jun 2021 15:48

Tgt Ion:180 Resp: 221
Ion Ratio Lower Upper
180 100
182 115.4 47.6 142.9
145 0.0 16.1 48.3#

