

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023549.D
 Acq On : 04 Aug 2021 18:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 05 06:09:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

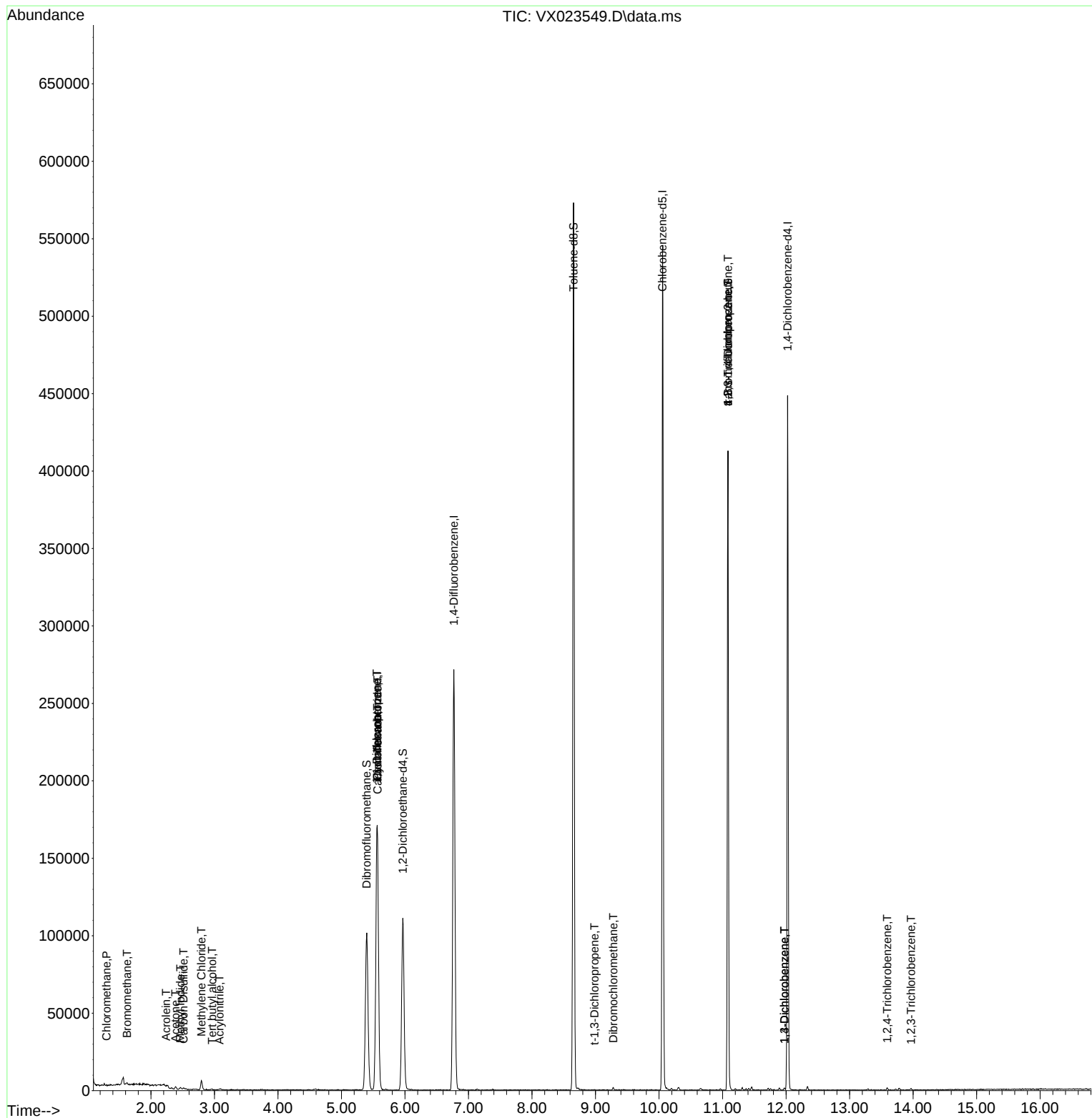
Internal Standards						
1) Pentafluorobenzene	5.562	168	167240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	275184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105906	50.766	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.540%			
35) Dibromofluoromethane	5.397	113	86657	50.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.653	98	328729	52.002	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.000%			
62) 4-Bromofluorobenzene	11.085	95	103454	48.128	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.260%			
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	472	0.263	ug/l #	81
5) Bromomethane	1.624	94	787	0.731	ug/l	95
10) Methyl Iodide	2.465	142	1481	0.714	ug/l #	90
11) Tert butyl alcohol	2.965	59	243	0.510	ug/l #	73
13) Acrolein	2.239	56	142	1.947	ug/l #	65
15) Acrylonitrile	3.081	53	287	0.267	ug/l #	67
16) Acetone	2.386	43	1777	1.736	ug/l	91
17) Carbon Disulfide	2.514	76	1446	0.357	ug/l #	94
20) Methylene Chloride	2.794	84	2548	1.280	ug/l #	91
31) Cyclohexane	5.562	56	3978	1.287	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	12953	5.203	ug/l #	49
38) Carbon Tetrachloride	5.568	117	16775	6.626	ug/l #	17
53) t-1,3-Dichloropropene	8.982	75	123	1.856	ug/l #	44
60) Dibromochloromethane	9.281	129	222	2.087	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	53867	27.162	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53867	73.034	ug/l #	12
87) 1,3-Dichlorobenzene	11.975	146	616	0.203	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	616	0.200	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	504	0.273	ug/l	96
96) 1,2,3-Trichlorobenzene	13.969	180	467	0.250	ug/l	63

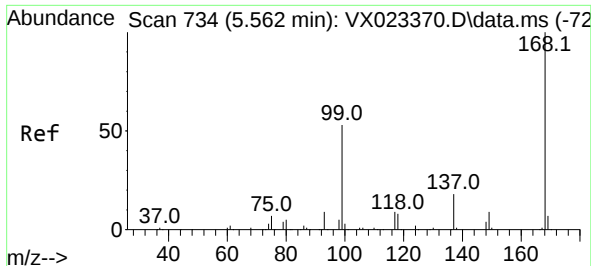
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

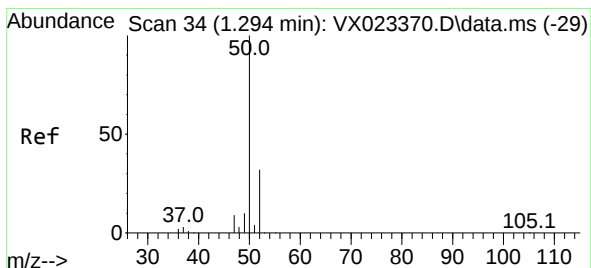
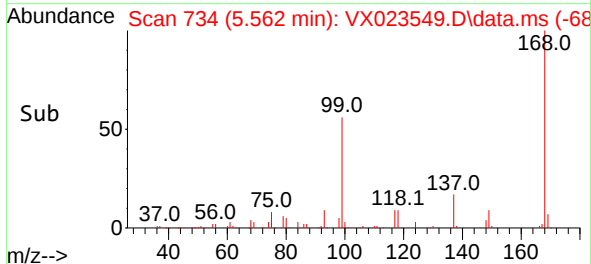
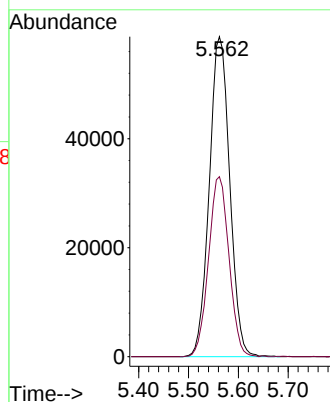
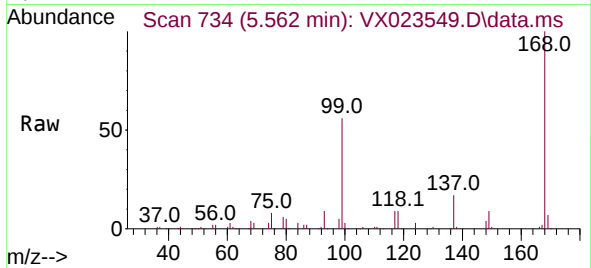




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

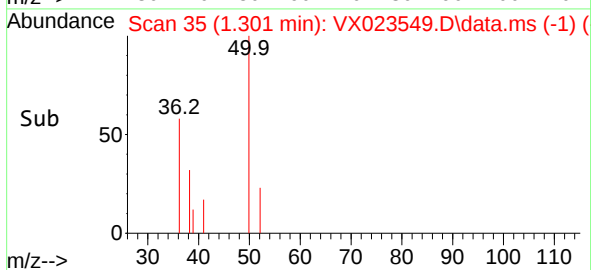
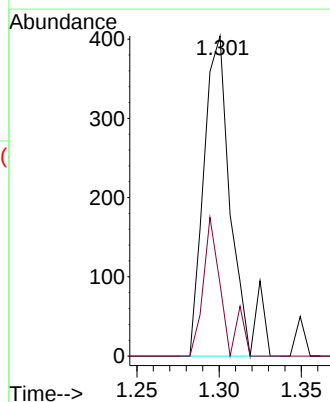
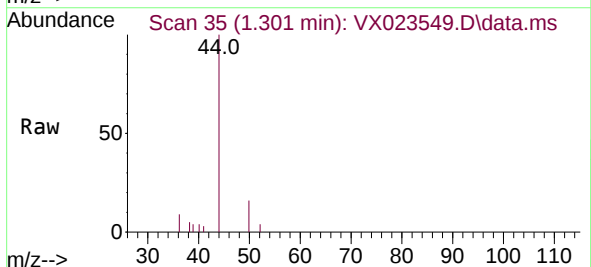
Instrument :
MSVOA_X
ClientSampled :
IBLK

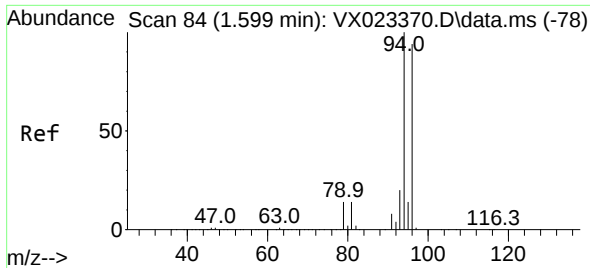
Tgt Ion:168 Resp: 167240
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#3
Chloromethane
Concen: 0.263 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 22.5 26.4 39.6#

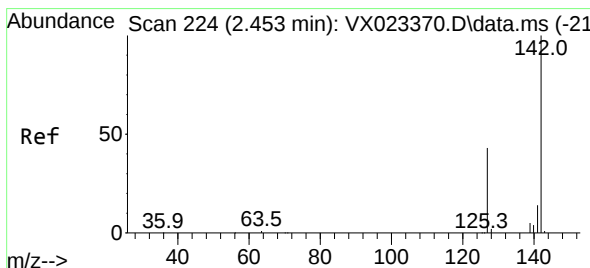
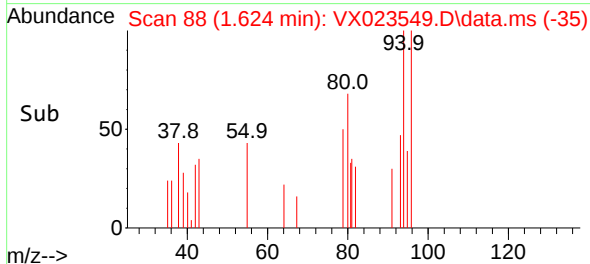
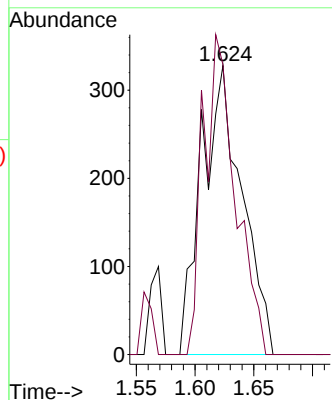
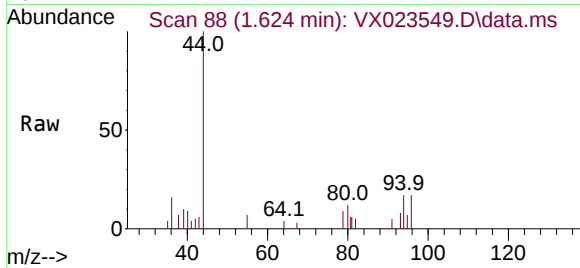




#5
Bromomethane
Concen: 0.731 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

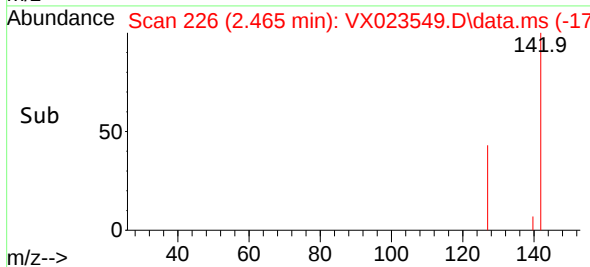
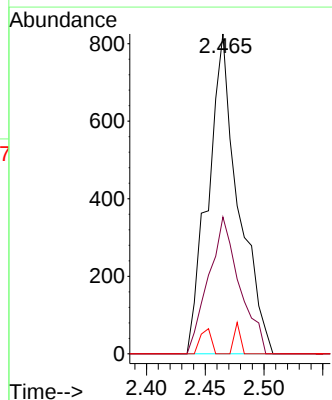
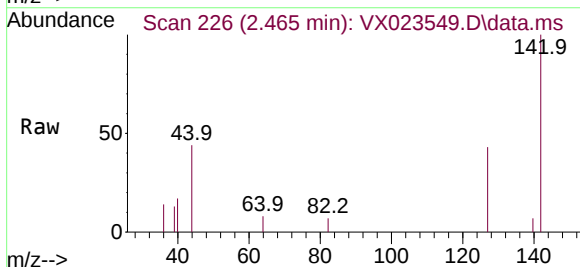
Instrument :
MSVOA_X
ClientSampleId :
IBLK

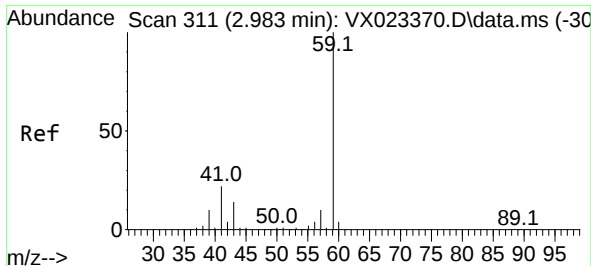
Tgt Ion: 94 Resp: 787
Ion Ratio Lower Upper
94 100
96 100.3 76.4 114.6



#10
Methyl Iodide
Concen: 0.714 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion: 142 Resp: 1481
Ion Ratio Lower Upper
142 100
127 43.9 33.3 49.9
141 2.0 11.4 17.0#



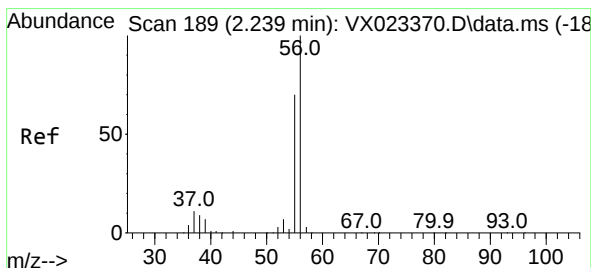
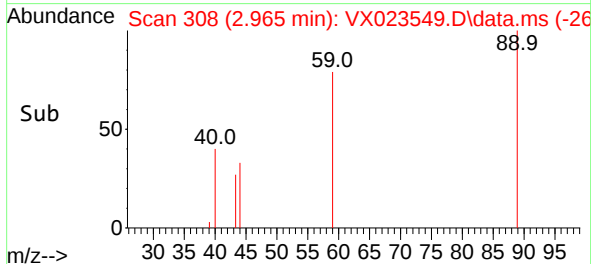
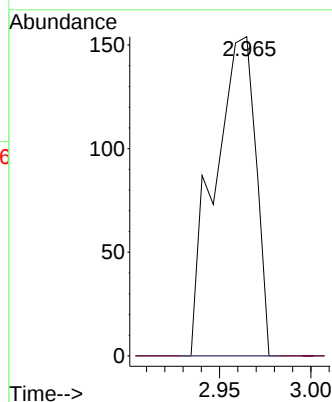
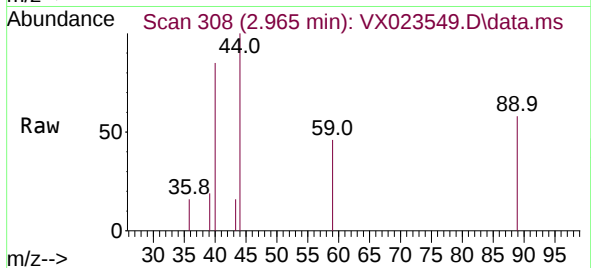


#11

Tert butyl alcohol
Concen: 0.510 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Instrument :
MSVOA_X
ClientSampled :
IBLK

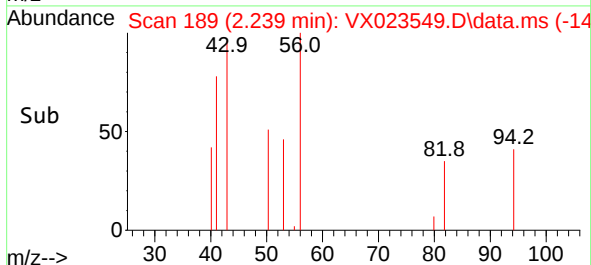
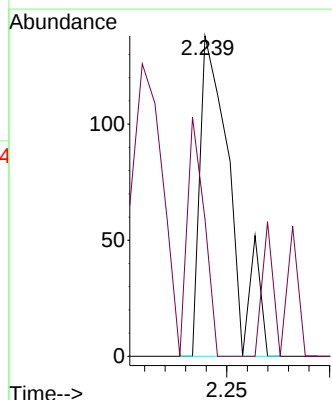
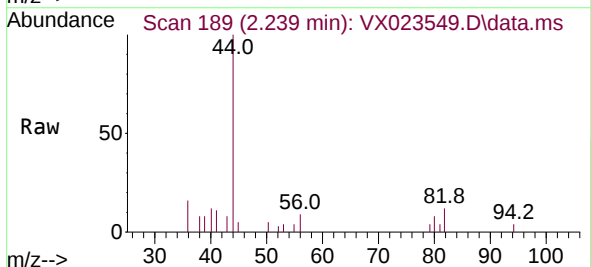
Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

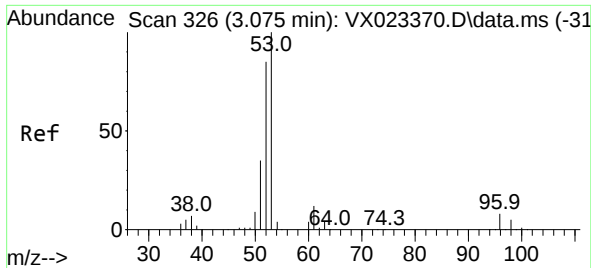


#13

Acrolein
Concen: 1.947 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 41.5 56.4 84.6#

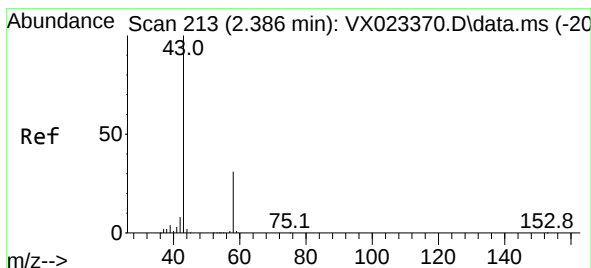
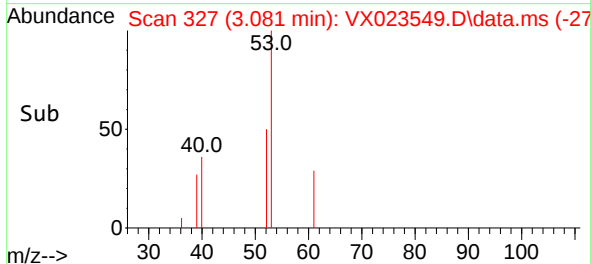
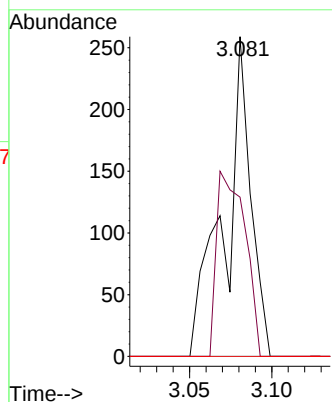
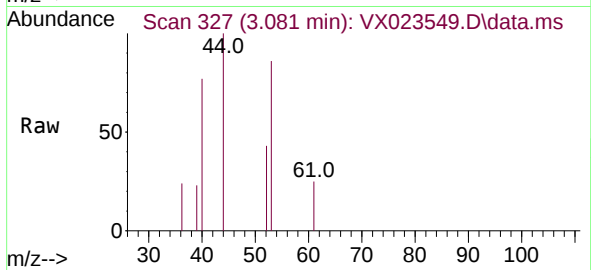




#15
Acrylonitrile
Concen: 0.267 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

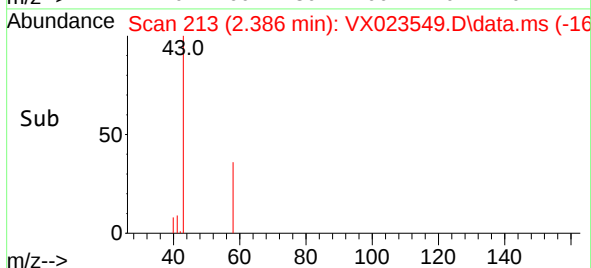
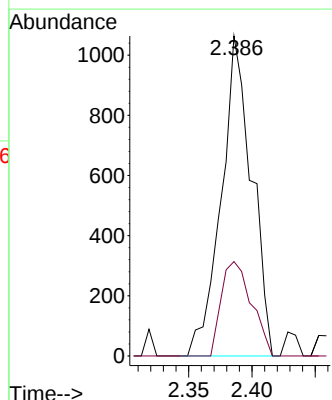
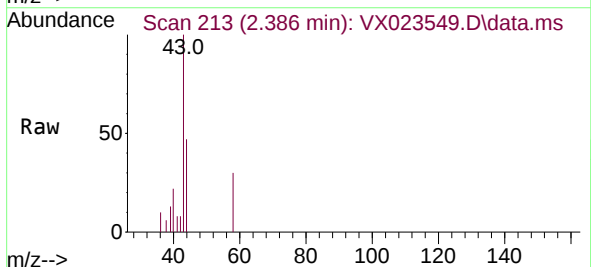
Instrument :
MSVOA_X
ClientSampled :
IBLK

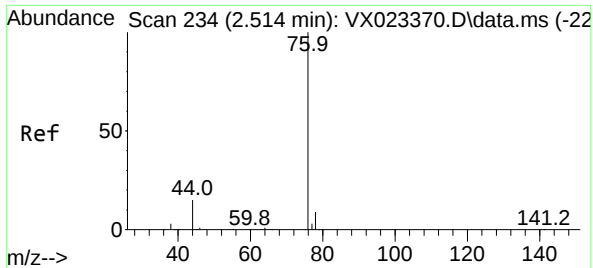
Tgt Ion: 53 Resp: 287
Ion Ratio Lower Upper
53 100
52 62.7 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 1.736 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8

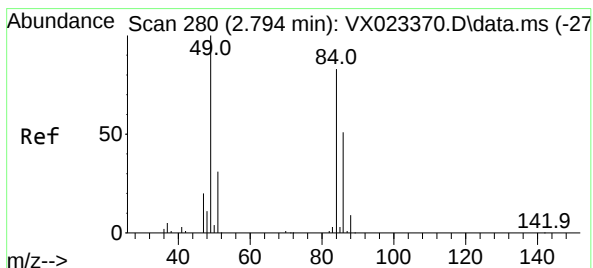
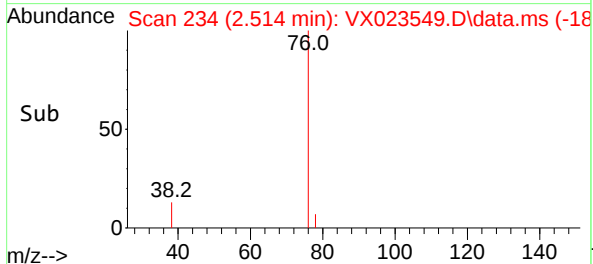
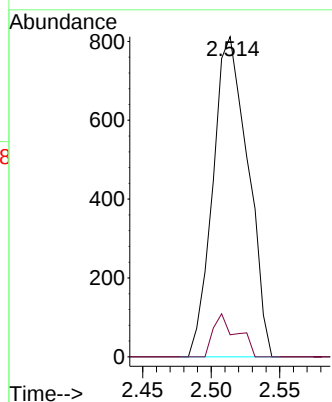
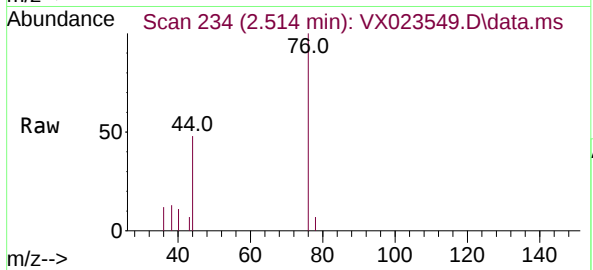




#17
Carbon Disulfide
Concen: 0.357 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

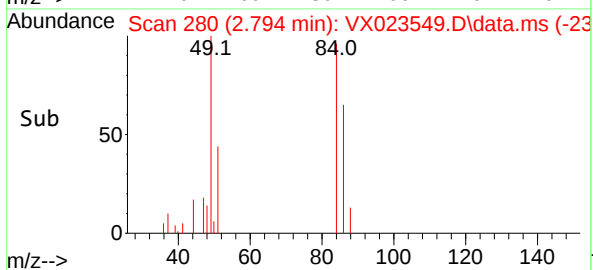
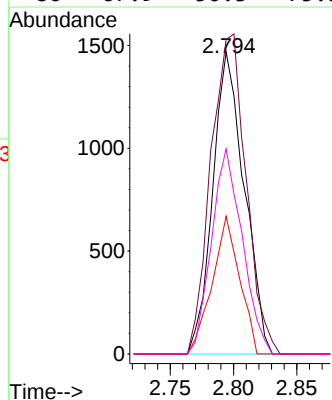
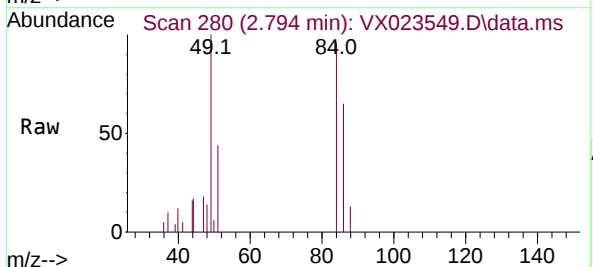
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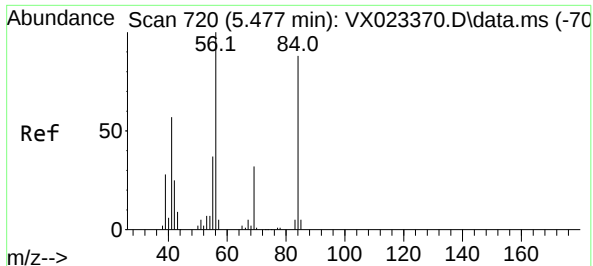
Tgt Ion: 76 Resp: 1446
Ion Ratio Lower Upper
76 100
78 6.9 7.2 10.8#



#20
Methylene Chloride
Concen: 1.280 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion: 84 Resp: 2548
Ion Ratio Lower Upper
84 100
49 104.2 88.6 132.8
51 45.6 27.0 40.6#
86 67.9 50.3 75.5

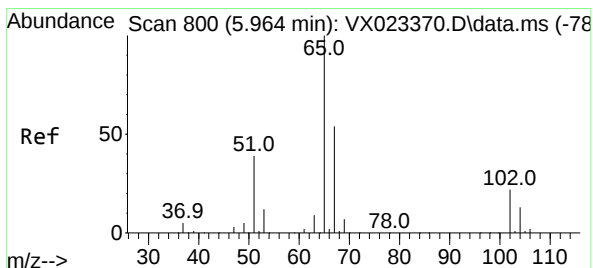
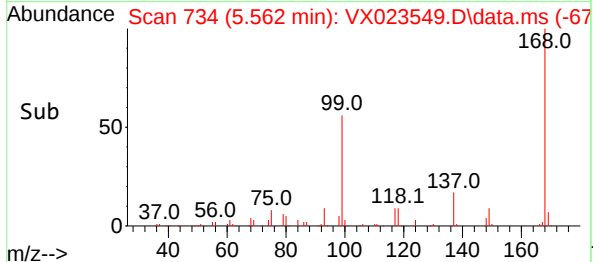
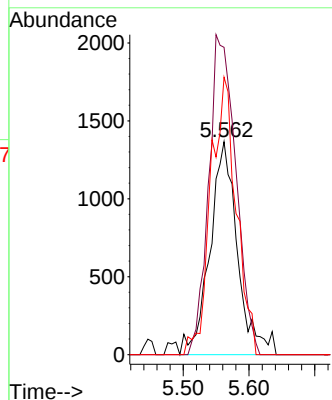
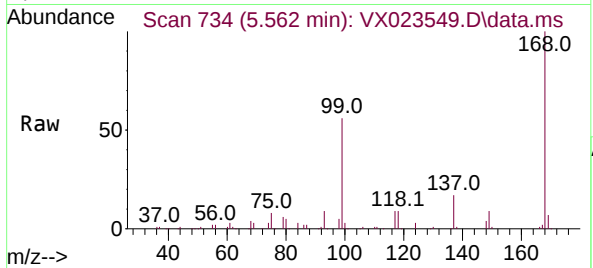




#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

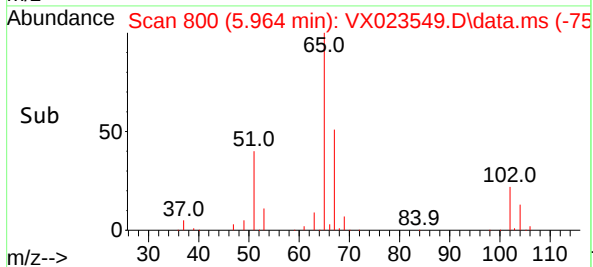
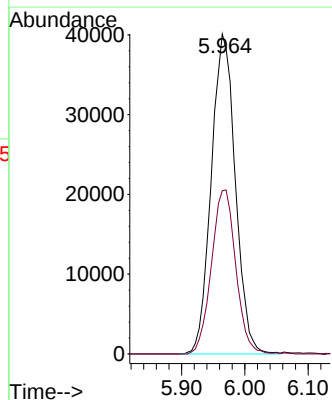
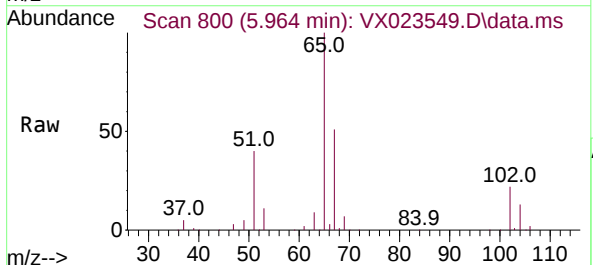
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ClientSampled :
IBLK

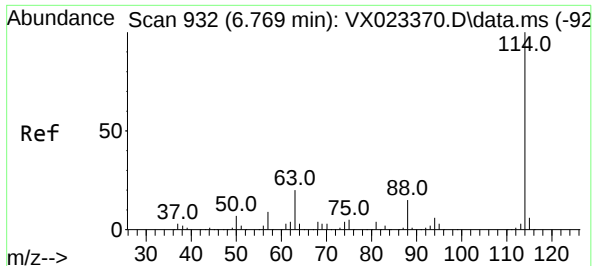
Tgt Ion: 56 Resp: 3978
Ion Ratio Lower Upper
56 100
69 144.4 25.3 37.9#
84 130.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.766 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion: 65 Resp: 105906
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

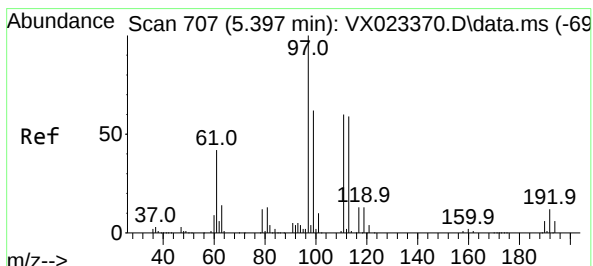
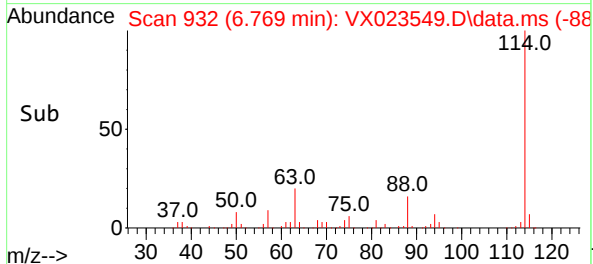
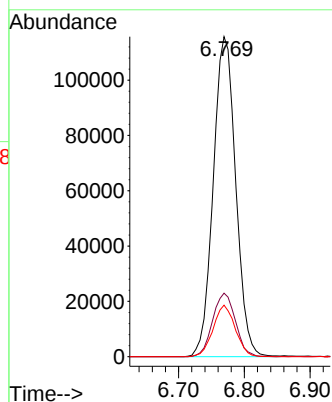
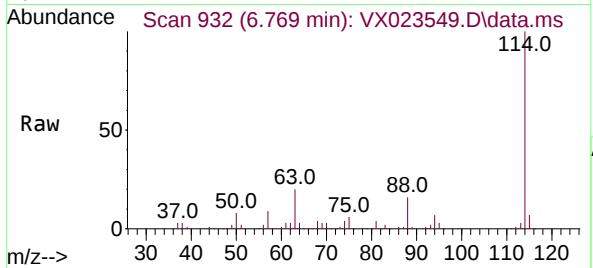




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

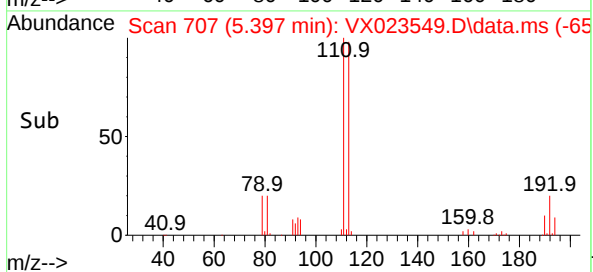
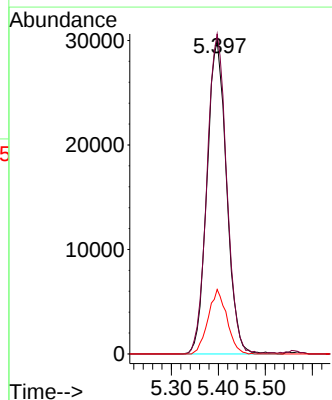
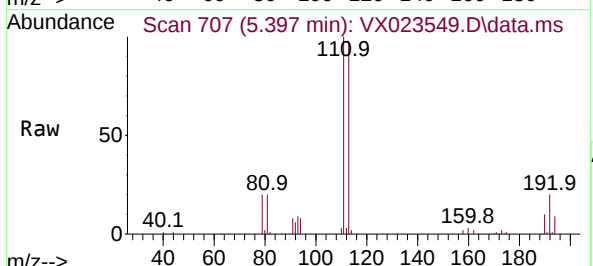
Instrument :
MSVOA_X
ClientSampleId :
IBLK

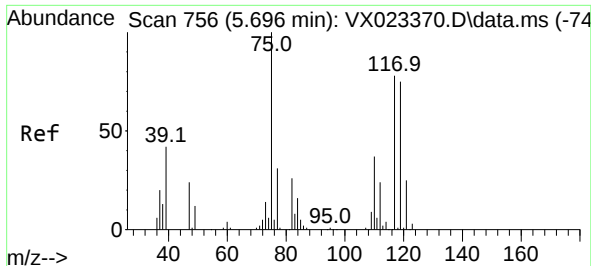
Tgt Ion:114 Resp: 275184
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.365 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion:113 Resp: 86657
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.203 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023549.D

Acq: 04 Aug 2021 18:46

Tgt Ion: 75 Resp: 12953

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.4#

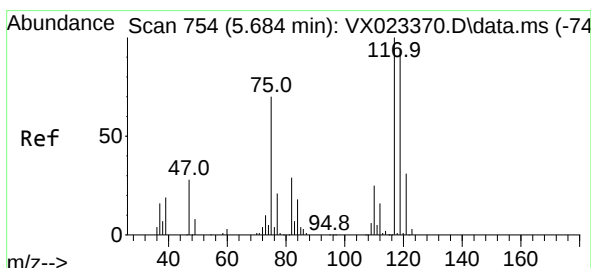
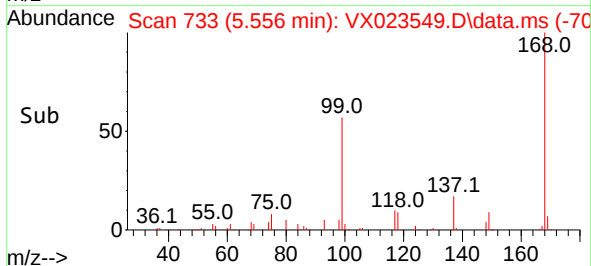
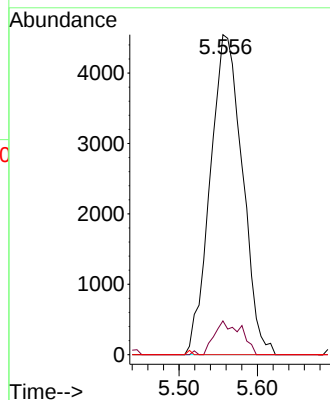
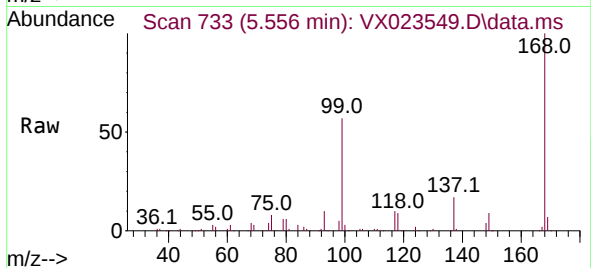
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :

IBLK



#38

Carbon Tetrachloride

Concen: 6.626 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.116 min

Lab File: VX023549.D

Acq: 04 Aug 2021 18:46

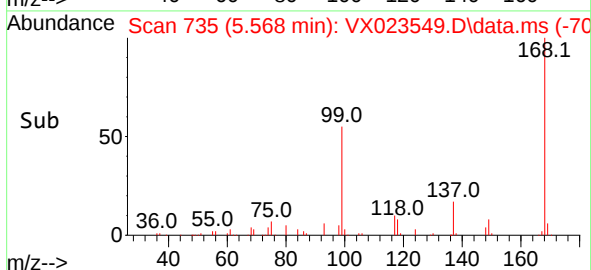
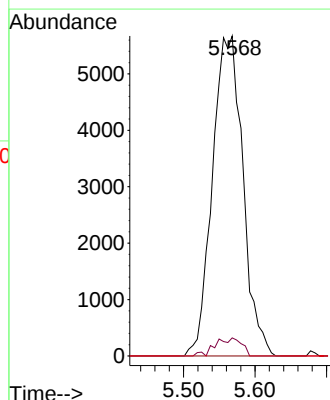
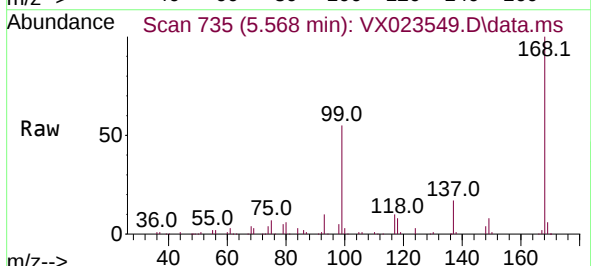
Tgt Ion:117 Resp: 16775

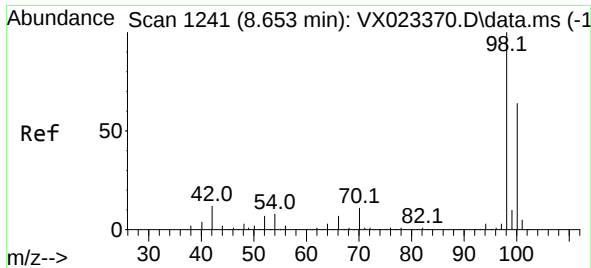
Ion Ratio Lower Upper

117 100

119 5.7 76.2 114.2#

121 0.0 24.8 37.2#

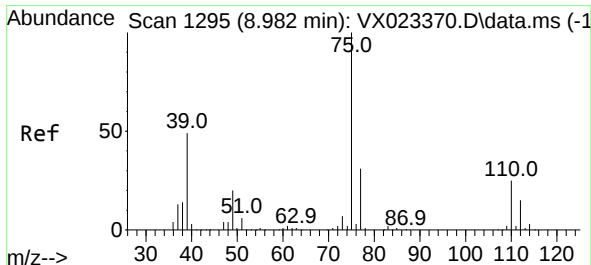
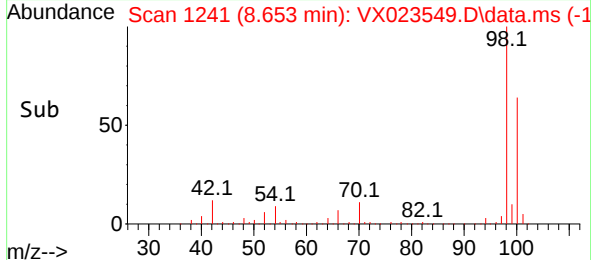
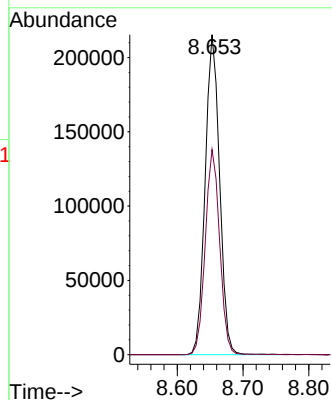
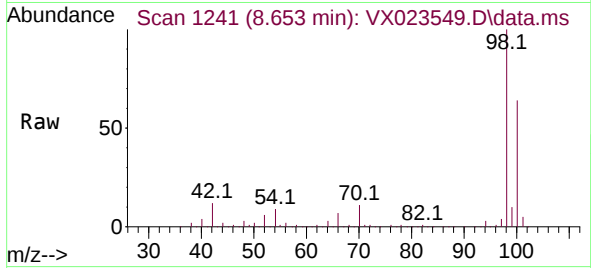




#50
Toluene-d8
Concen: 52.002 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

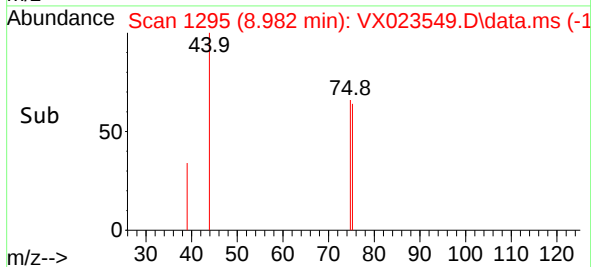
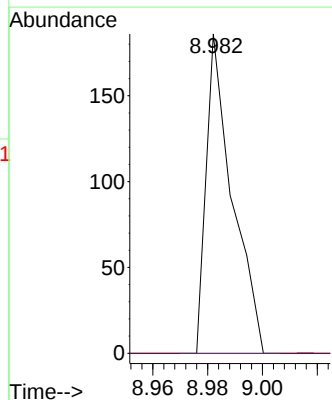
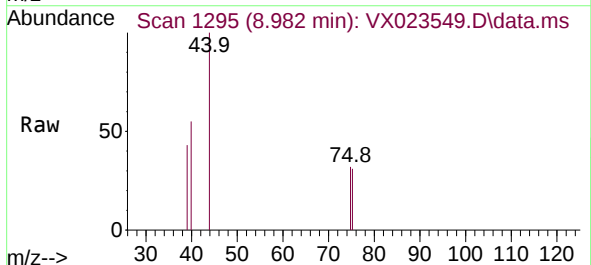
Instrument :
MSVOA_X
ClientSampled :
IBLK

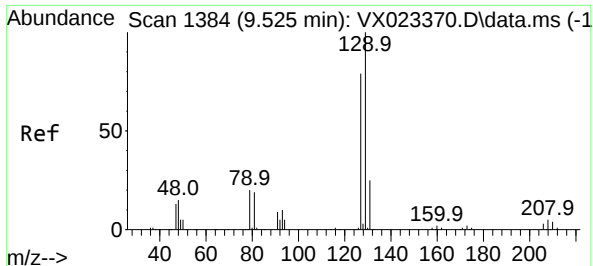
Tgt Ion: 98 Resp: 328729
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 1.856 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion: 75 Resp: 123
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 2.087 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX023549.D

Acq: 04 Aug 2021 18:46

Instrument :

MSVOA_X

ClientSampleId :

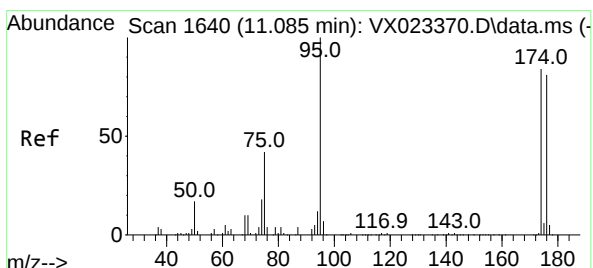
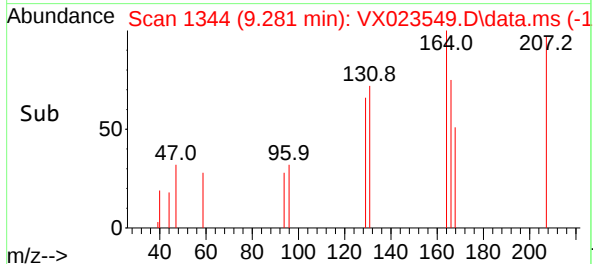
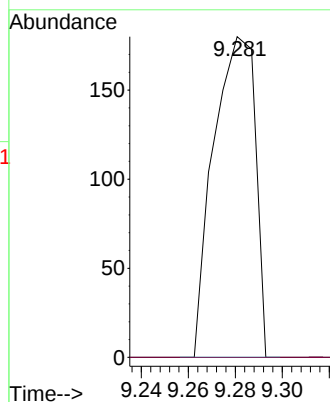
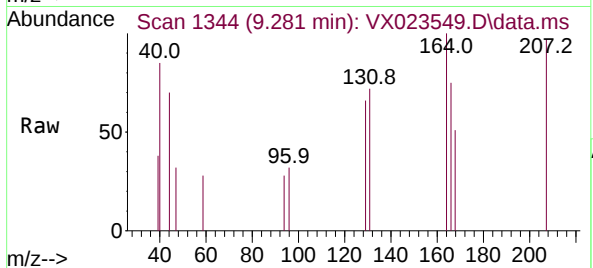
IBLK

Tgt Ion:129 Resp: 222

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 48.128 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023549.D

Acq: 04 Aug 2021 18:46

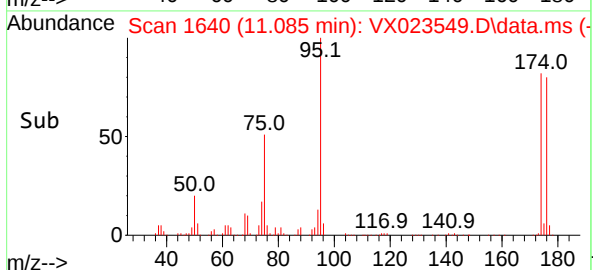
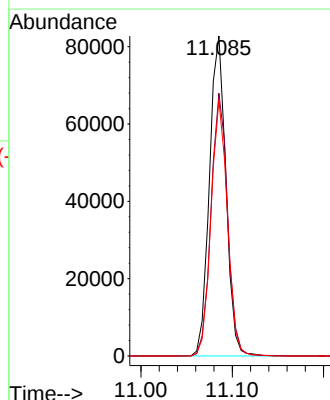
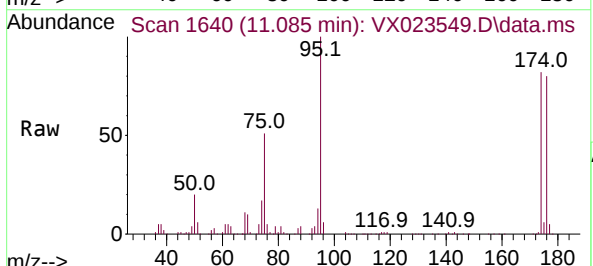
Tgt Ion: 95 Resp: 103454

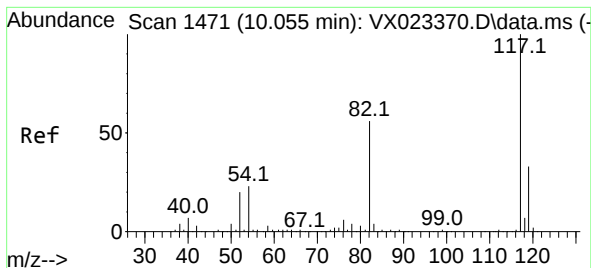
Ion Ratio Lower Upper

95 100

174 82.9 0.0 154.6

176 79.5 0.0 155.8

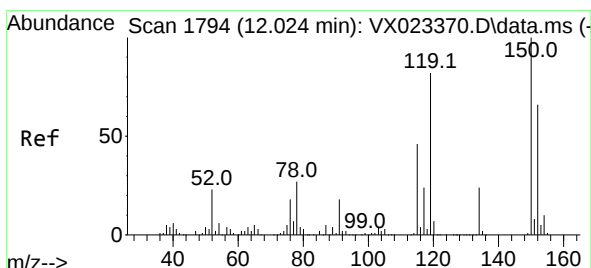
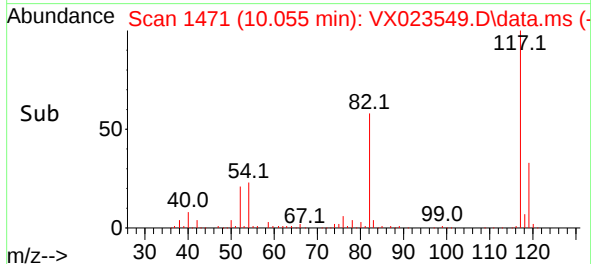
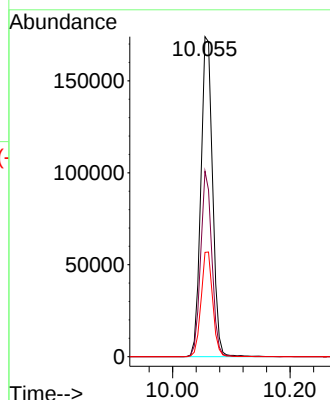
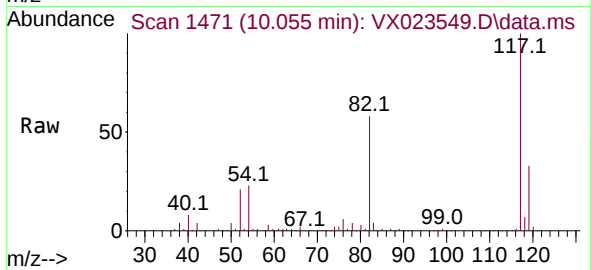




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

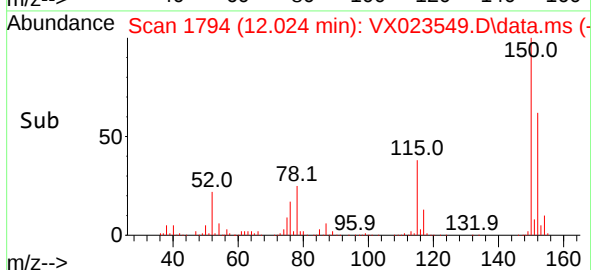
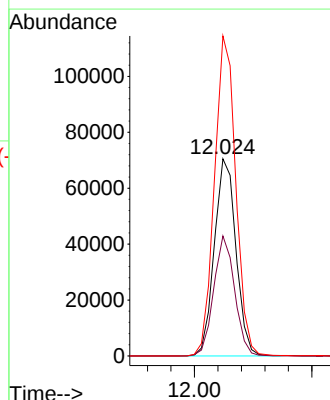
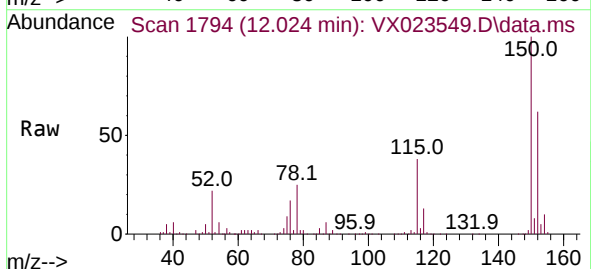
Instrument :
MSVOA_X
ClientSampled :
IBLK

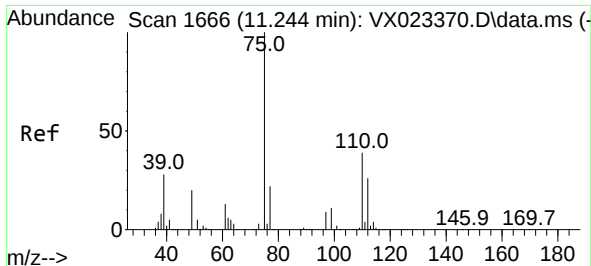
Tgt Ion:117 Resp: 241488
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion:152 Resp: 90122
Ion Ratio Lower Upper
152 100
115 59.0 41.1 123.3
150 159.8 0.0 349.0

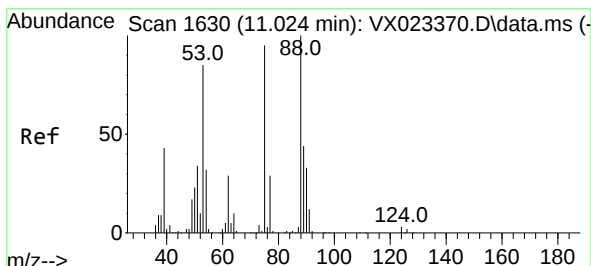
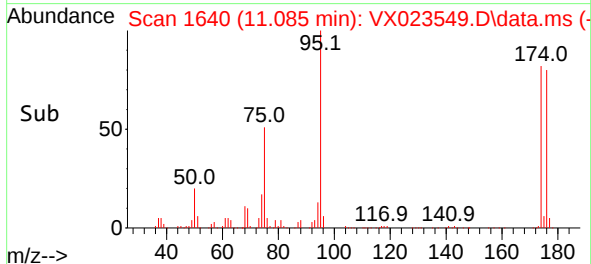
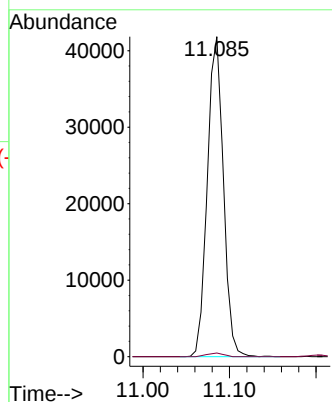
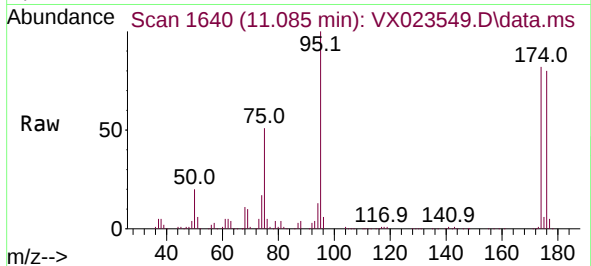




#76
1,2,3-Trichloropropane
Concen: 27.162 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

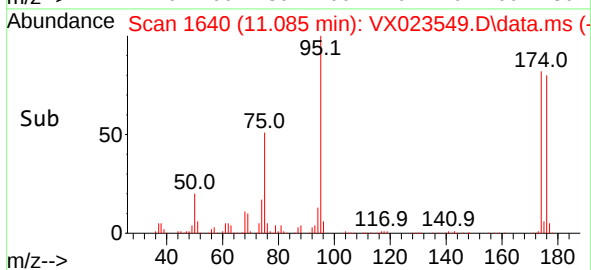
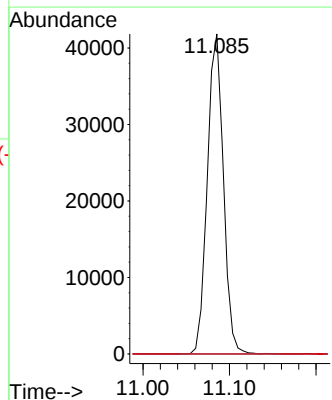
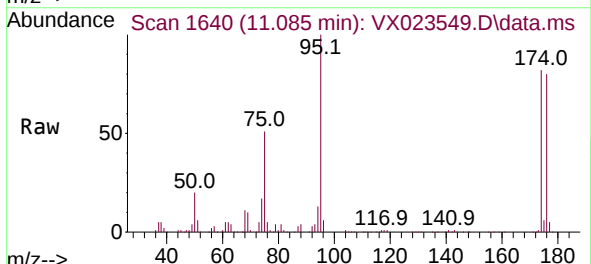
Instrument :
MSVOA_X
ClientSampled :
IBLK

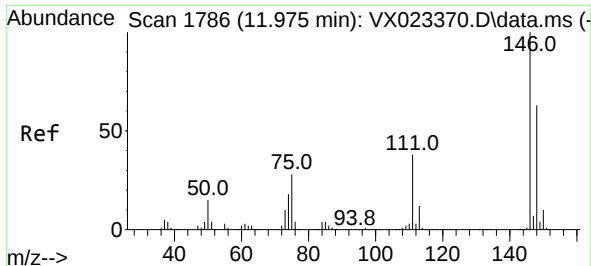
Tgt Ion: 75 Resp: 53867
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.034 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion: 75 Resp: 53867
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

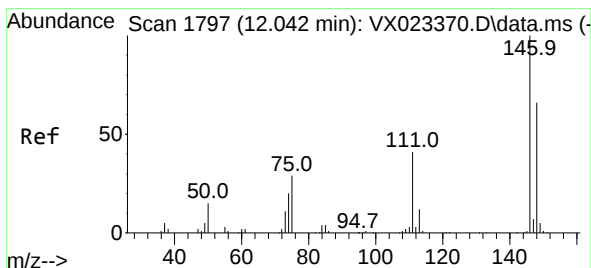
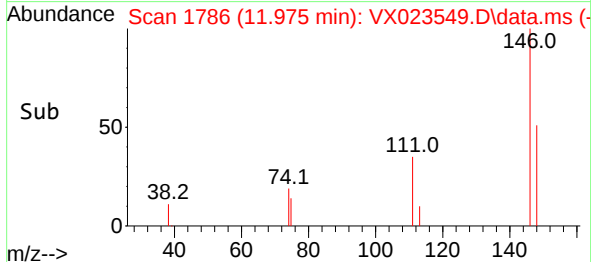
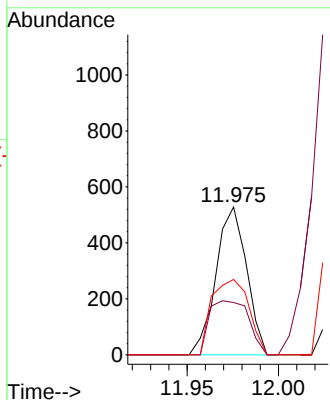
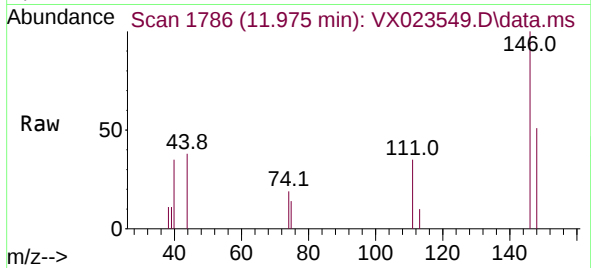




#87
1,3-Dichlorobenzene
Concen: 0.203 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

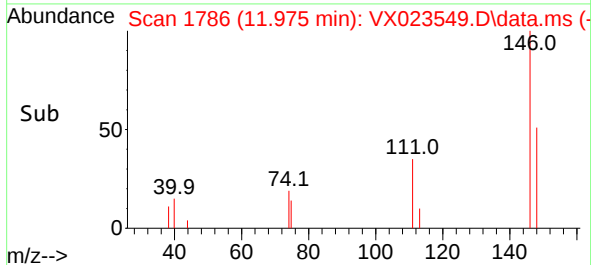
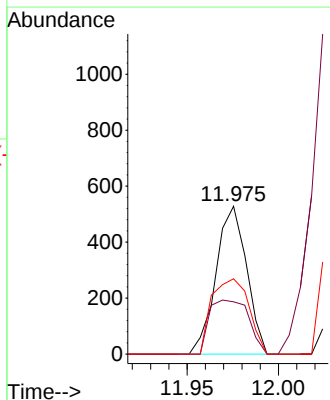
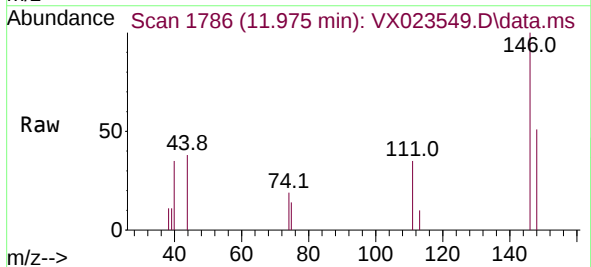
Instrument :
MSVOA_X
ClientSampled :
IBLK

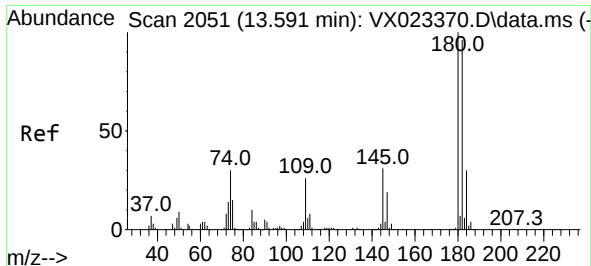
Tgt Ion:146	Resp:	616
Ion	Ratio	Lower Upper
146	100	
111	46.8	20.2 60.5
148	61.7	31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 0.200 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion:146	Resp:	616
Ion	Ratio	Lower Upper
146	100	
111	46.8	19.6 58.8
148	61.7	31.6 95.0

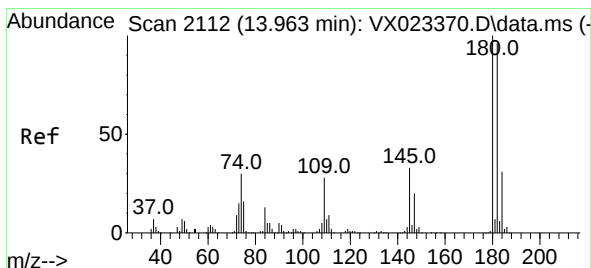
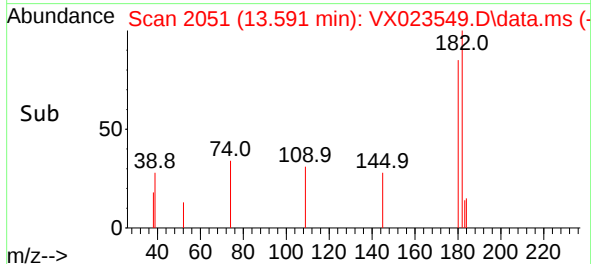
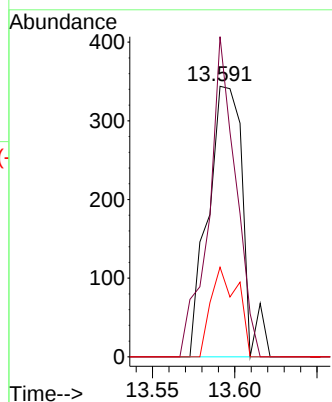
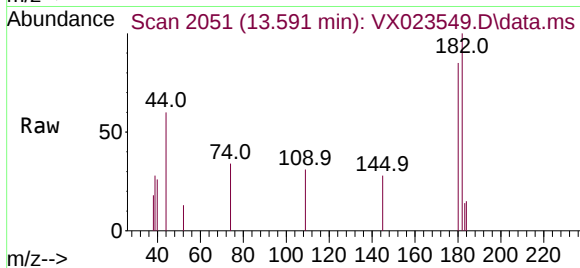




#93
1,2,4-Trichlorobenzene
Concen: 0.273 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:180	Resp:	504
Ion	Ratio	Lower Upper
180	100	
182	92.3	47.7 143.1
145	25.8	15.0 45.0



#96
1,2,3-Trichlorobenzene
Concen: 0.250 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX023549.D
Acq: 04 Aug 2021 18:46

Tgt Ion:180	Resp:	467
Ion	Ratio	Lower Upper
180	100	
182	52.2	47.6 142.9
145	23.6	16.1 48.3

