

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023402.D
 Acq On : 23 Jul 2021 03:14
 Operator : JC/MD
 Sample : M3146-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-E

Quant Time: Jul 23 06:13:17 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)

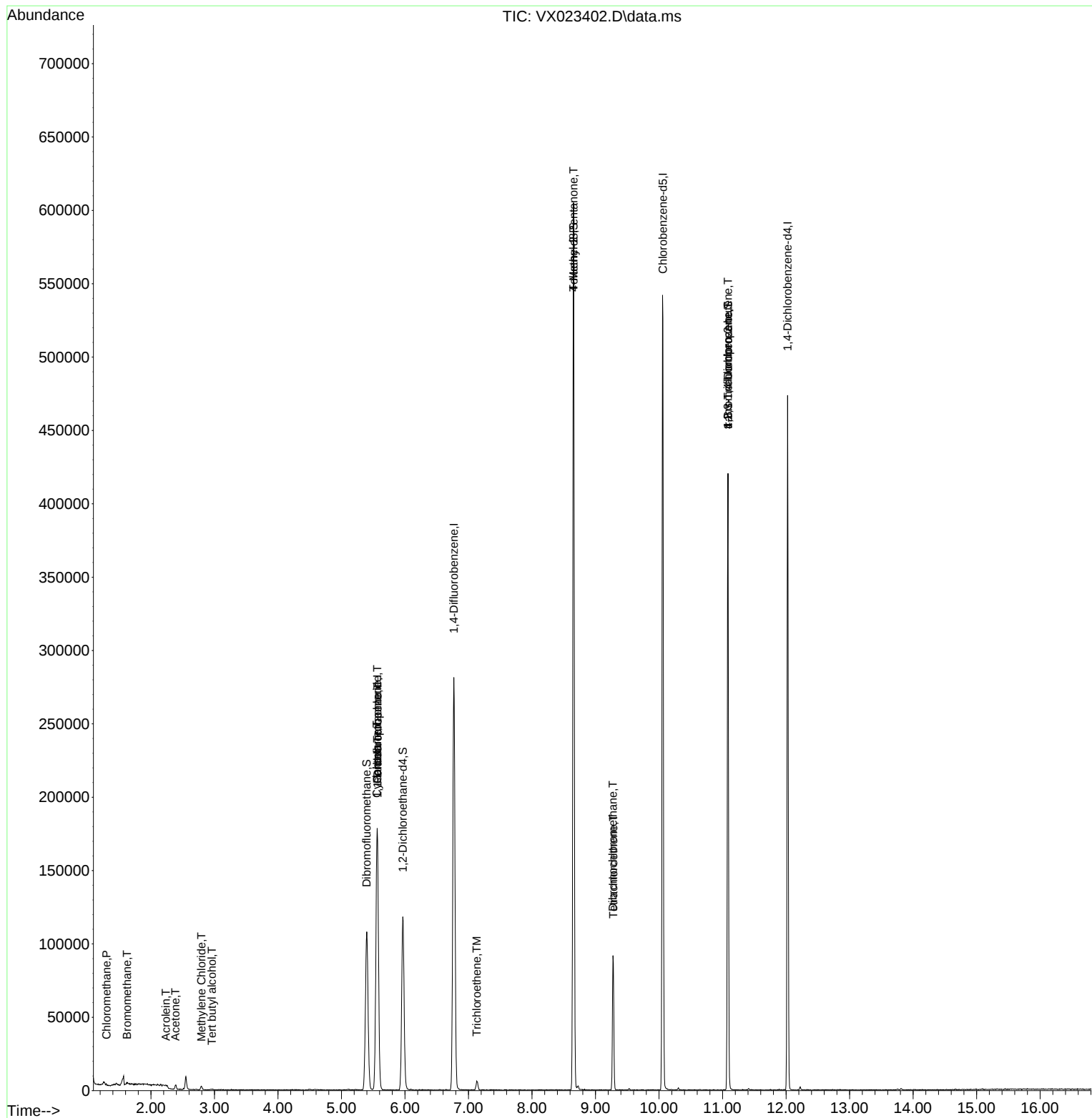
Internal Standards						
1) Pentafluorobenzene	5.562	168	172669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	291577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	249735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112459	52.212	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.420%			
35) Dibromofluoromethane	5.397	113	93522	51.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	8.653	98	342440	51.126	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.260%			
62) 4-Bromofluorobenzene	11.085	95	105078	46.136	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.280%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	664	0.359	ug/l	89
5) Bromomethane	1.624	94	595	0.535	ug/l	92
11) Tert butyl alcohol	2.959	59	194	0.394	ug/l #	73
13) Acrolein	2.233	56	67	1.630	ug/l #	14
16) Acetone	2.386	43	3364	3.184	ug/l #	82
20) Methylene Chloride	2.794	84	982	0.478	ug/l #	89
31) Cyclohexane	5.556	56	3673	1.151	ug/l #	55
36) 1,1-Dichloropropene	5.568	75	12989	4.925	ug/l #	48
38) Carbon Tetrachloride	5.562	117	17324	6.458	ug/l #	16
44) Trichloroethene	7.129	130	2361	1.099	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	1735	0.550	ug/l #	1
60) Dibromochloromethane	9.275	129	16880	9.438	ug/l #	11
64) Tetrachloroethene	9.281	164	17203	8.655	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	54007	26.022	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54007	69.970	ug/l #	12

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

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Instrument :
MSVOA_X
ClientSampled :
152140-MW-E

Quant Time: Jul 23 06:13:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
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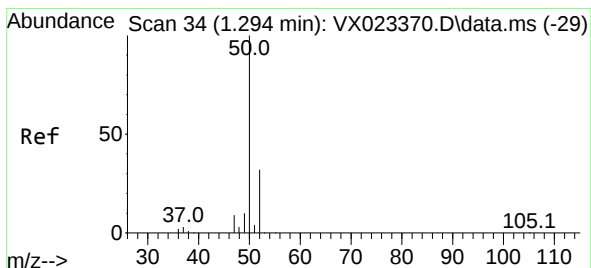
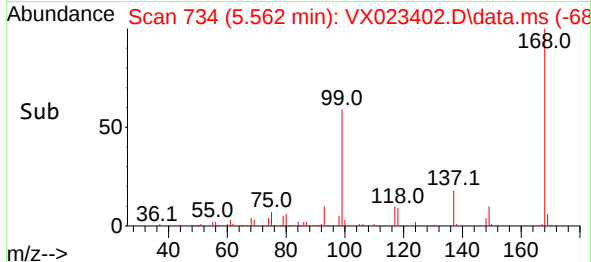
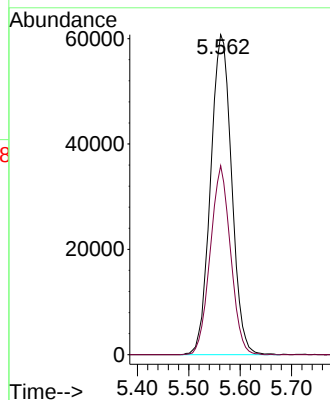
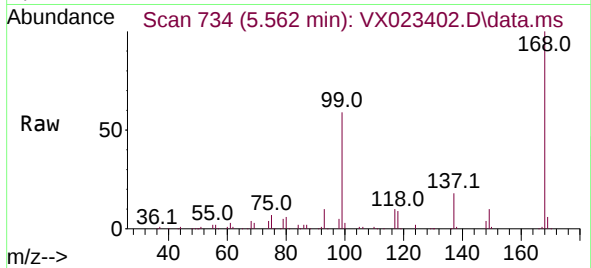




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

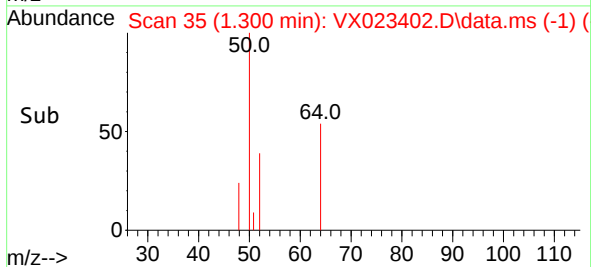
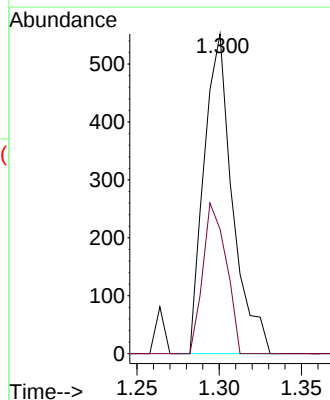
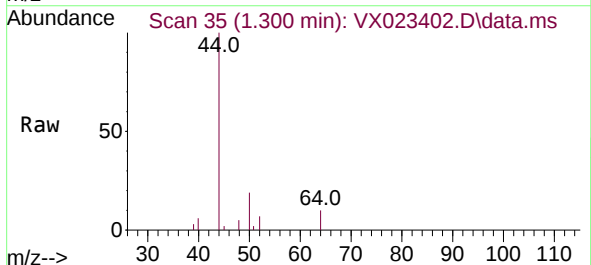
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-E

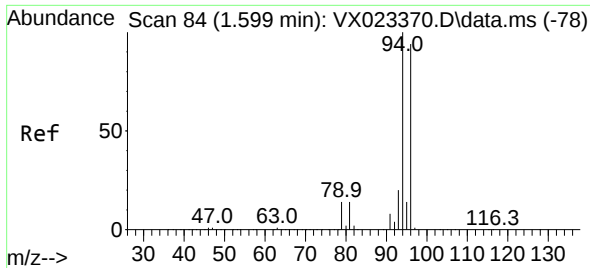
Tgt Ion:168 Resp: 172669
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#3
Chloromethane
Concen: 0.359 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

Tgt Ion: 50 Resp: 664
Ion Ratio Lower Upper
50 100
52 38.9 26.4 39.6

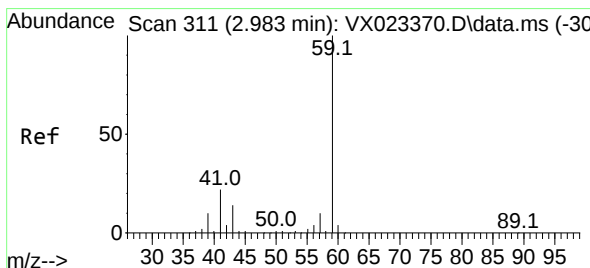
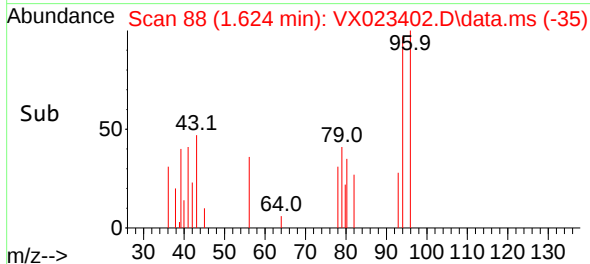
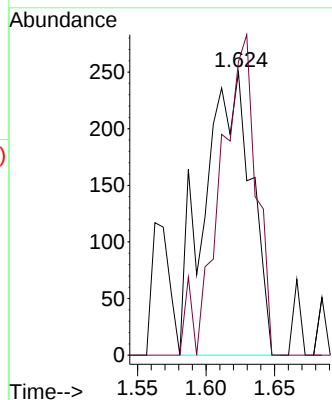
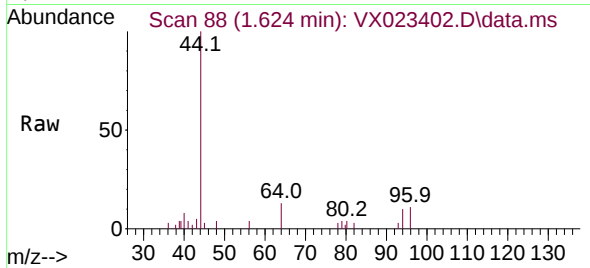




#5
Bromomethane
Concen: 0.535 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

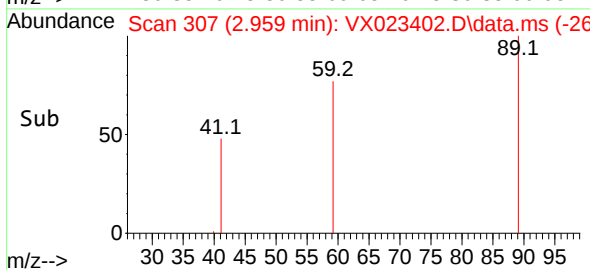
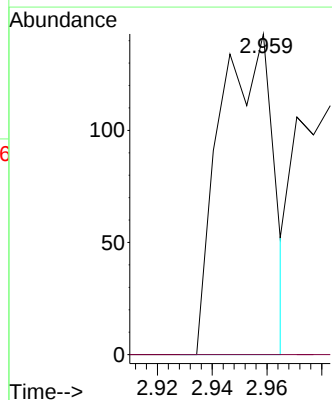
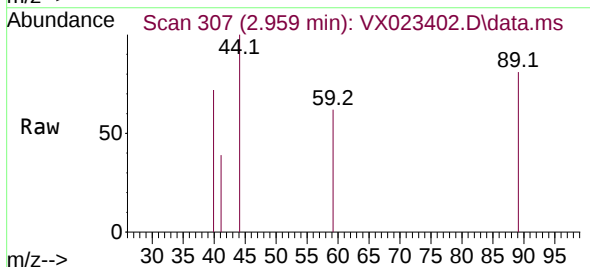
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-E

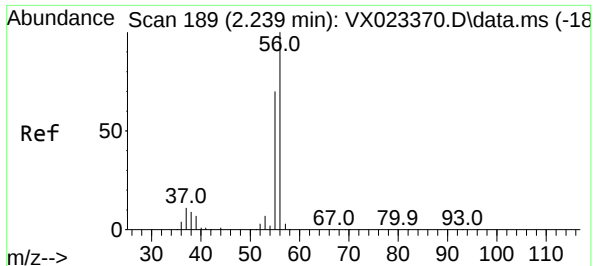
Tgt Ion: 94 Resp: 595
Ion Ratio Lower Upper
94 100
96 103.6 76.4 114.6



#11
Tert butyl alcohol
Concen: 0.394 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

Tgt Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

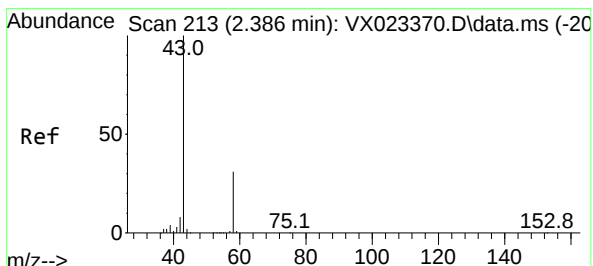
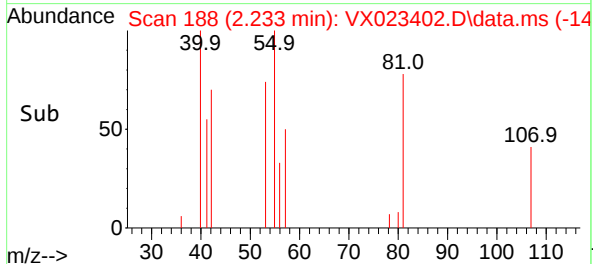
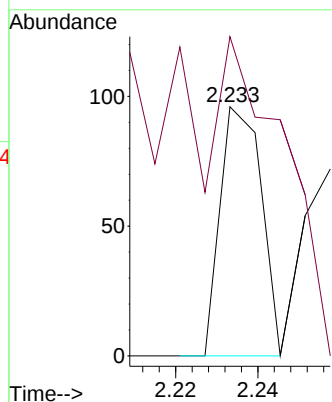
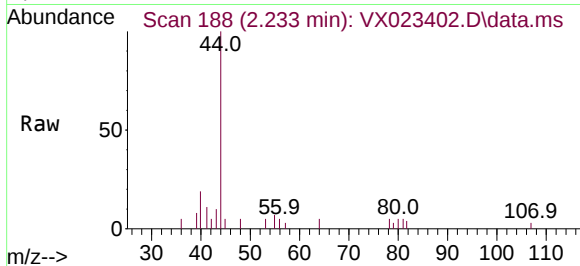




#13
Acrolein
Concen: 1.630 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

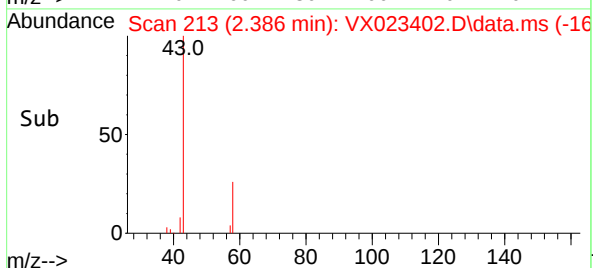
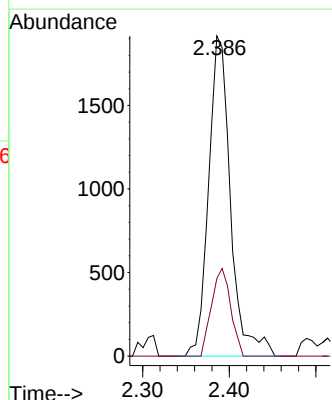
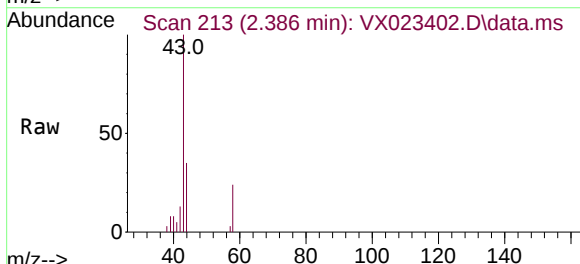
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-E

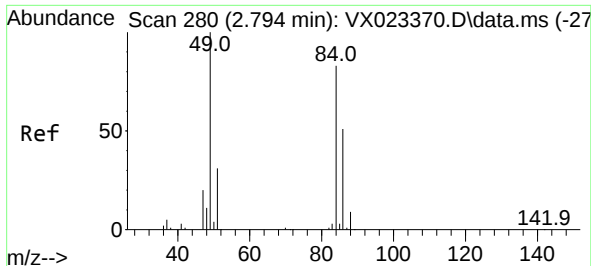
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.184 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

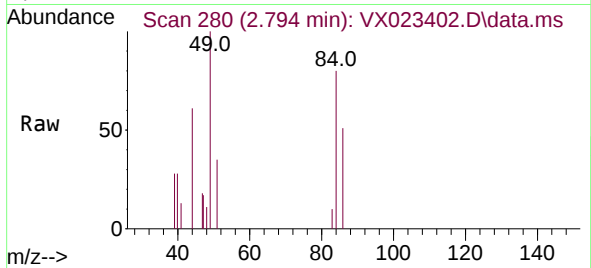
Tgt Ion: 43 Resp: 3364
Ion Ratio Lower Upper
43 100
58 24.2 27.8 41.8#



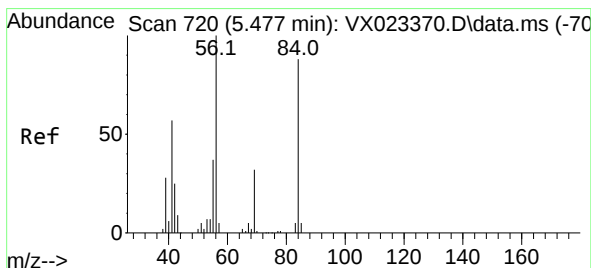
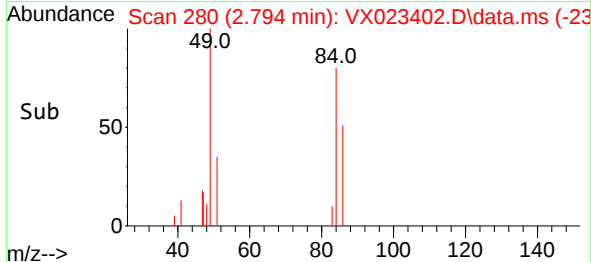
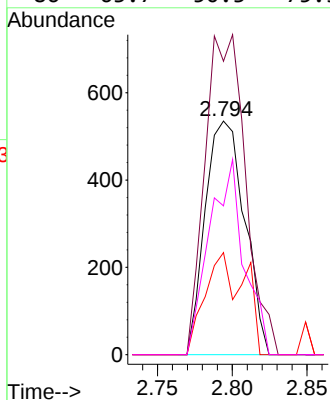


#20
Methylene Chloride
Concen: 0.478 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-E

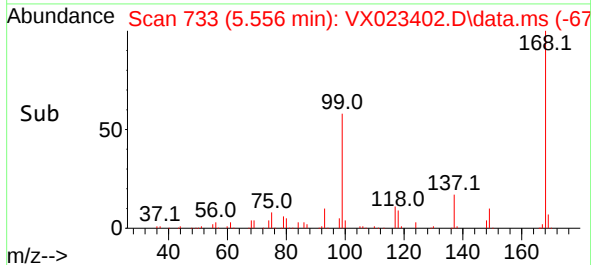
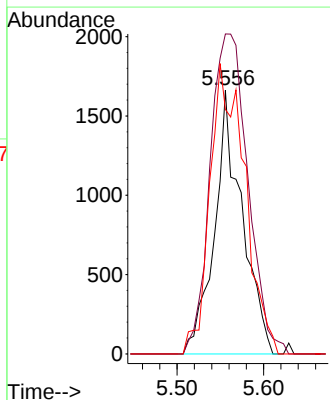
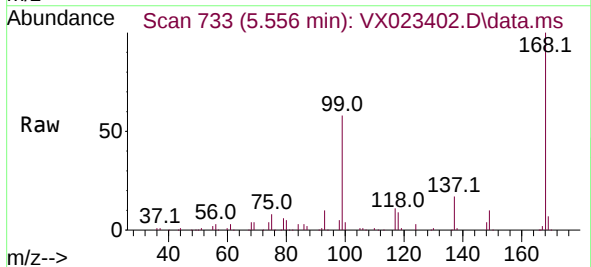


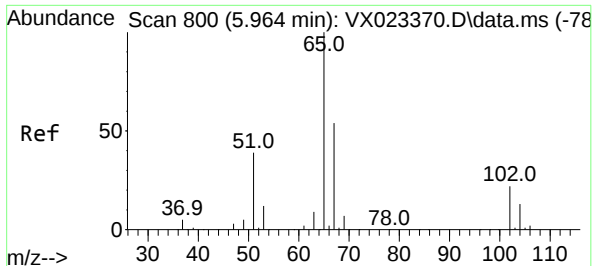
Tgt Ion:	84	Resp:	982
Ion	Ratio	Lower	Upper
84	100		
49	125.6	88.6	132.8
51	43.7	27.0	40.6#
86	63.7	50.3	75.5



#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

Tgt Ion:	56	Resp:	3673
Ion	Ratio	Lower	Upper
56	100		
69	121.4	25.3	37.9#
84	92.7	71.4	107.0



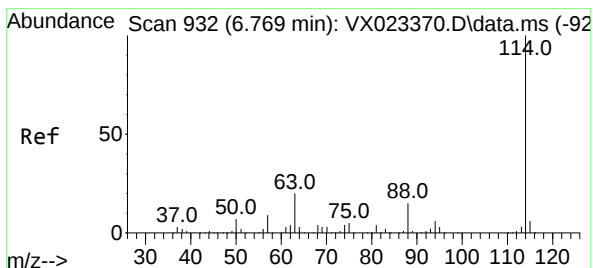
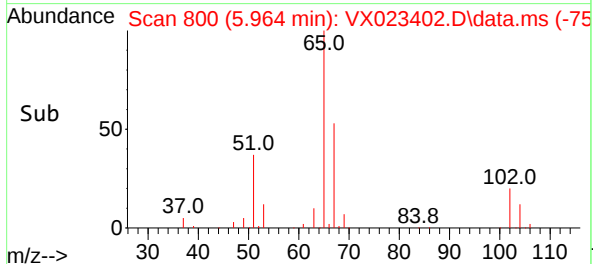
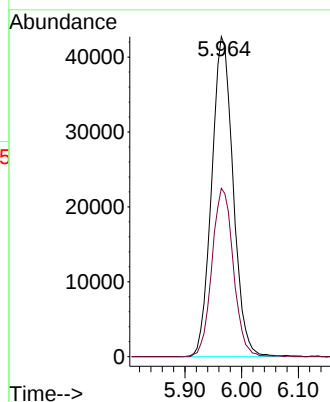
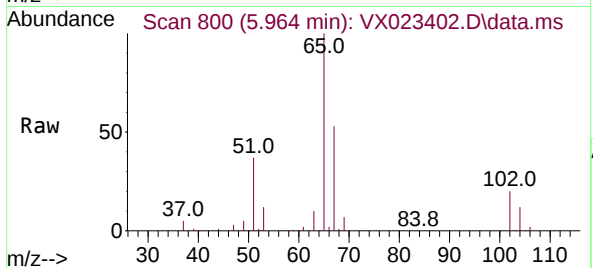


#33

1,2-Dichloroethane-d4
Concen: 52.212 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

Instrument :
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ClientSampleId :
152140-MW-E

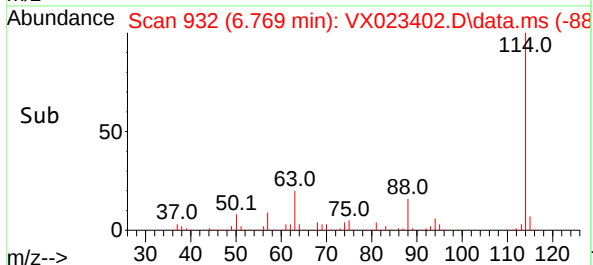
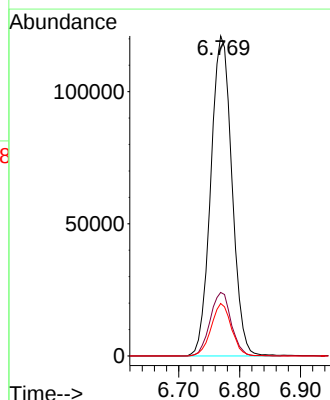
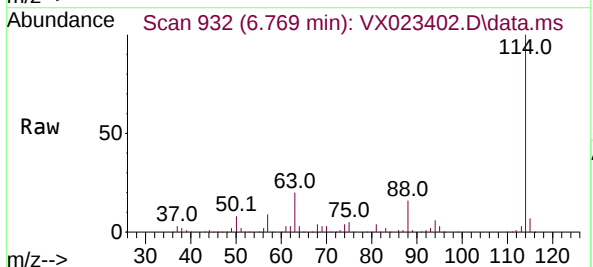
Tgt Ion: 65 Resp: 112459
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

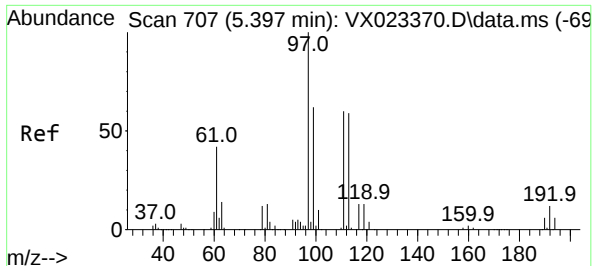


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

Tgt Ion: 114 Resp: 291577
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.299 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023402.D

Acq: 23 Jul 2021 03:14

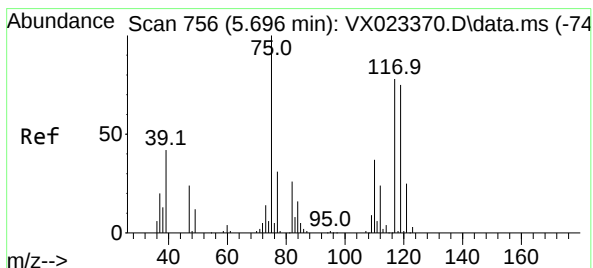
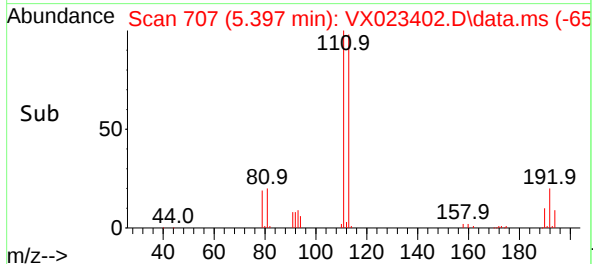
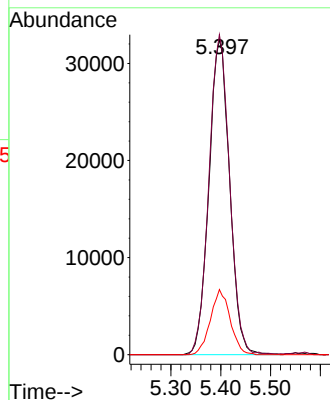
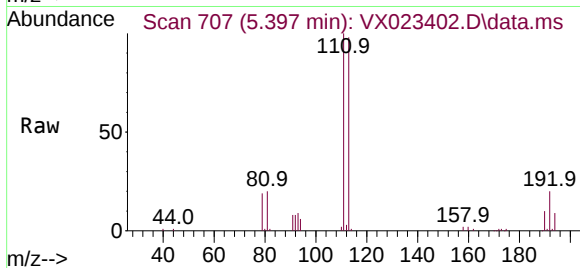
Tgt Ion:113 Resp: 93522

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

192 19.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.925 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.128 min

Lab File: VX023402.D

Acq: 23 Jul 2021 03:14

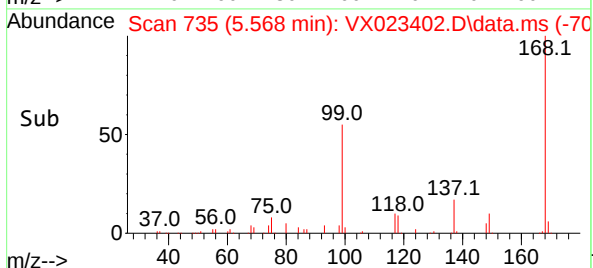
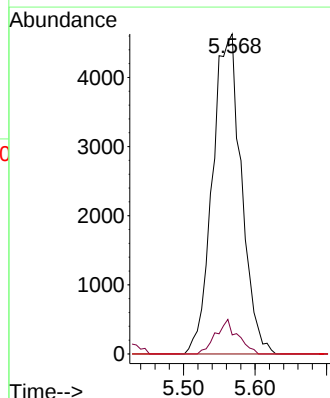
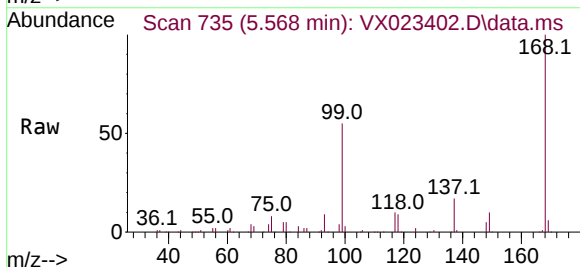
Tgt Ion: 75 Resp: 12989

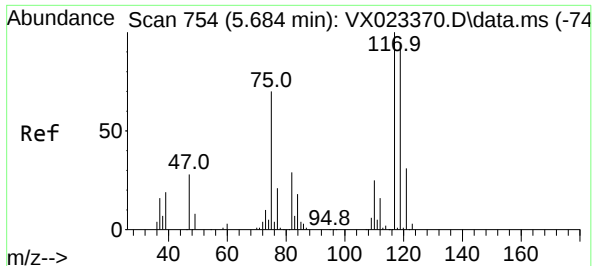
Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.4#

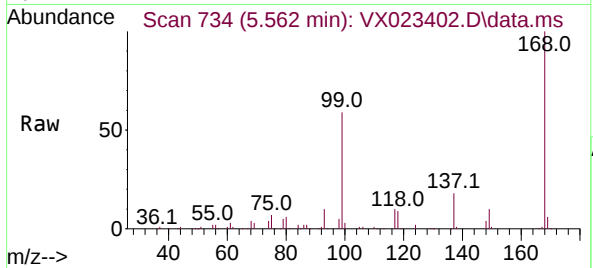
77 0.0 25.3 37.9#



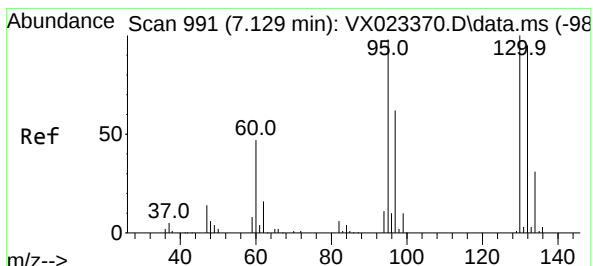
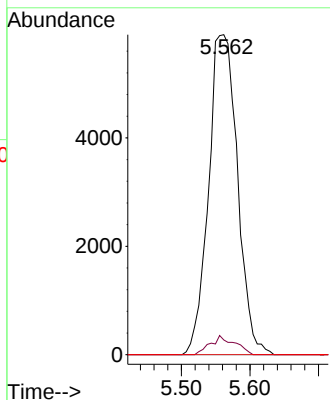
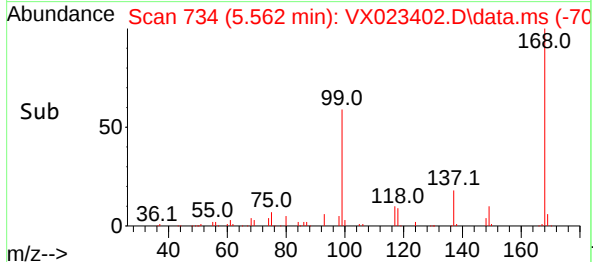


#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

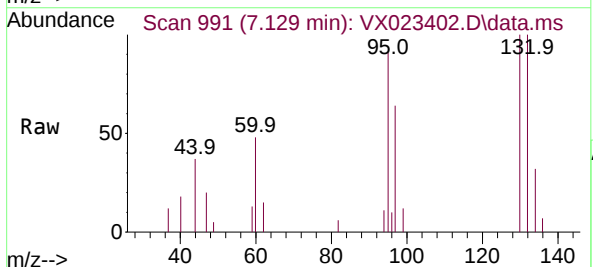
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-E



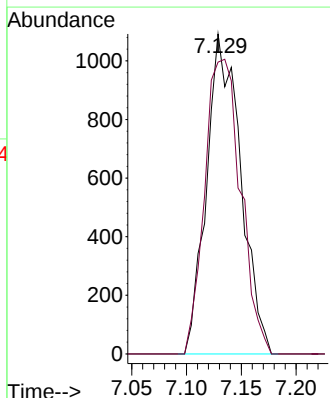
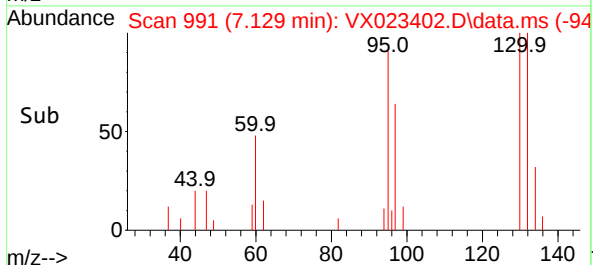
Tgt Ion:117 Resp: 17324
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

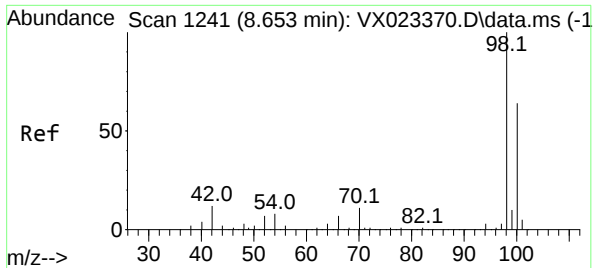


#44
Trichloroethene
Concen: 1.099 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14



Tgt Ion:130 Resp: 2361
Ion Ratio Lower Upper
130 100
95 91.2 0.0 198.0

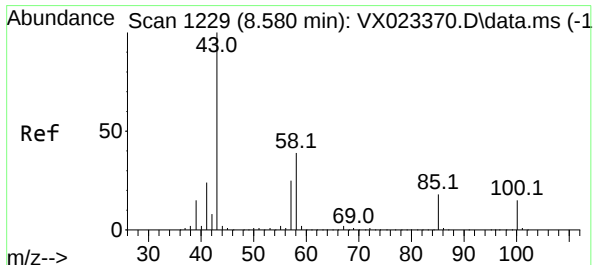
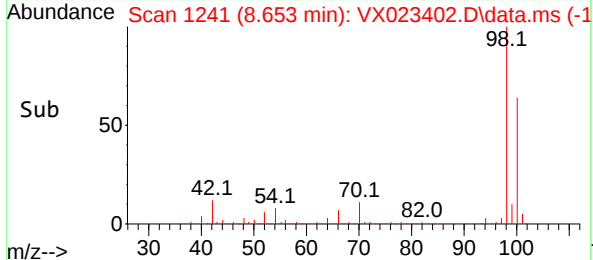
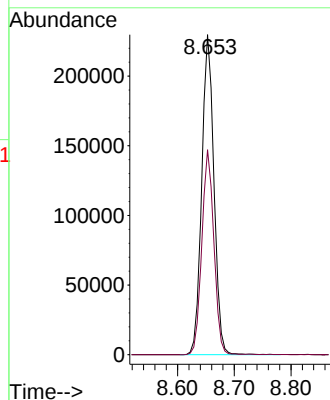
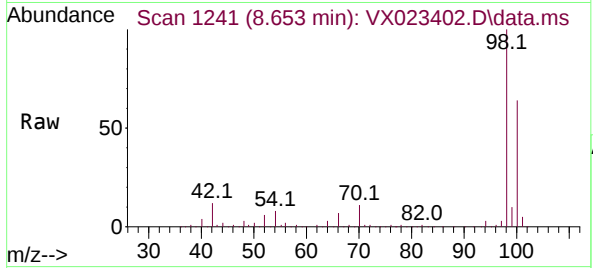




#50
Toluene-d8
Concen: 51.126 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

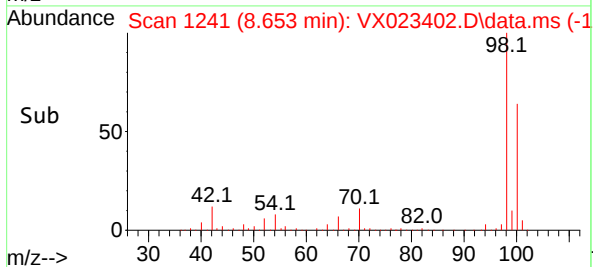
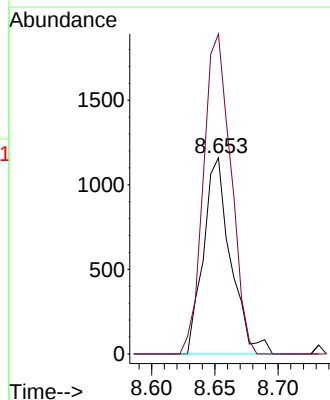
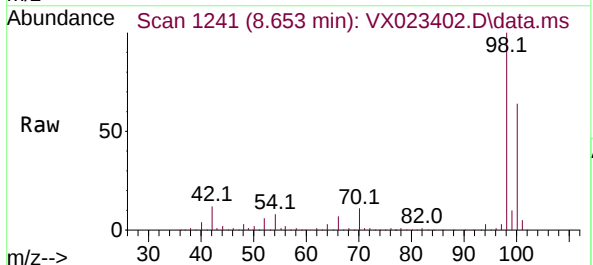
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-E

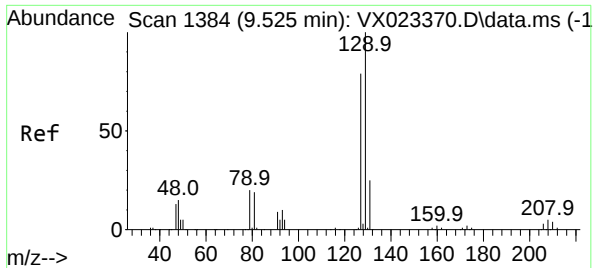
Tgt Ion: 98 Resp: 342440
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 165.2 35.4 53.0#

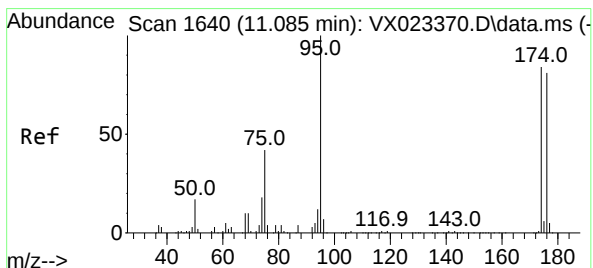
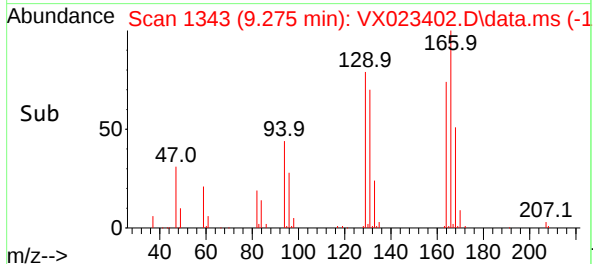
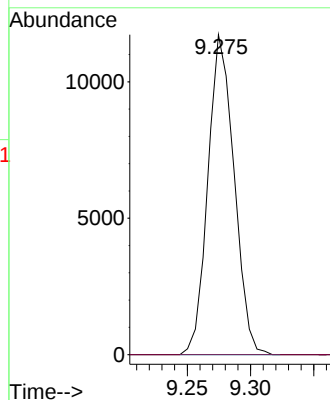
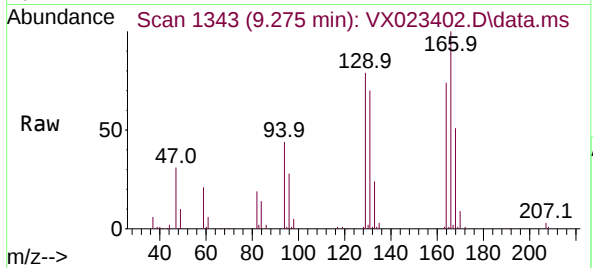




#60
Dibromochloromethane
Concen: 9.438 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

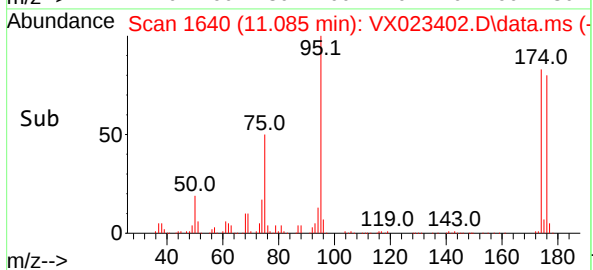
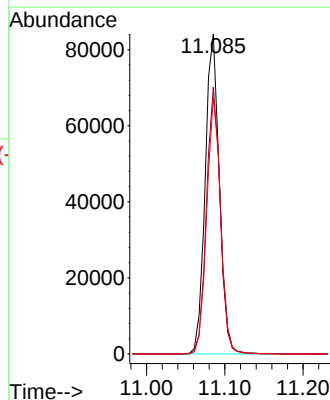
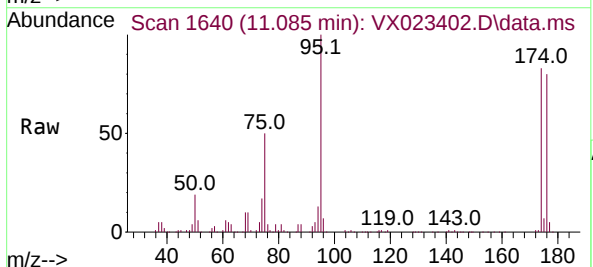
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-E

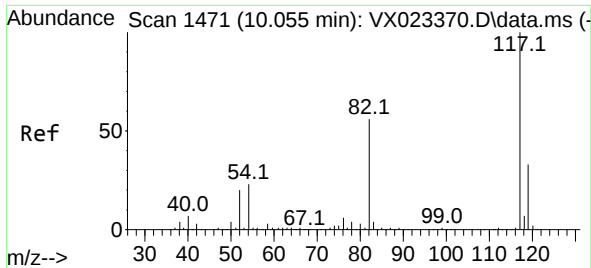
Tgt Ion:129 Resp: 16880
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.136 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

Tgt Ion: 95 Resp: 105078
Ion Ratio Lower Upper
95 100
174 82.4 0.0 154.6
176 79.0 0.0 155.8

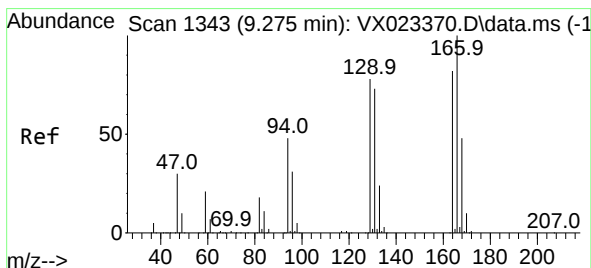
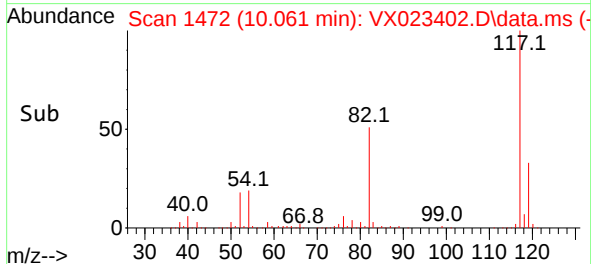
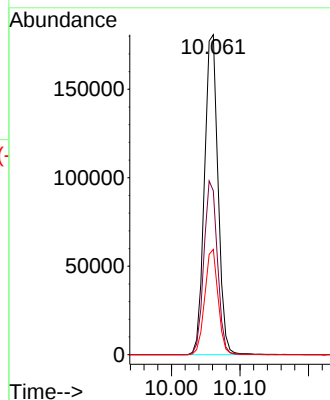
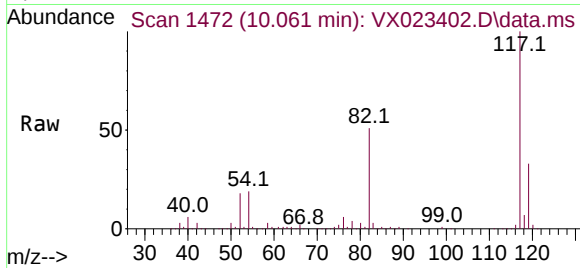




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

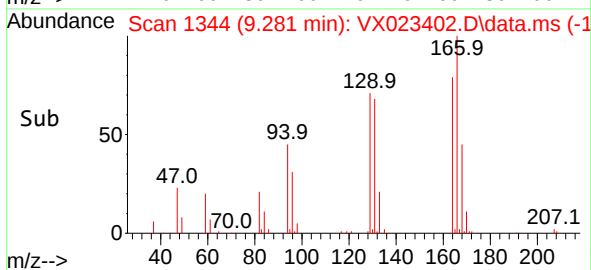
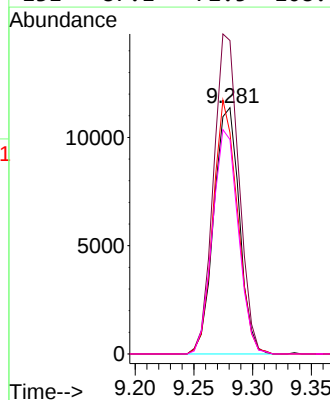
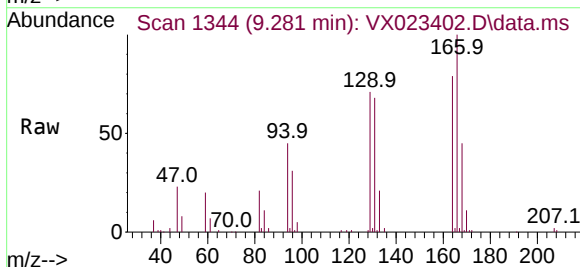
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-E

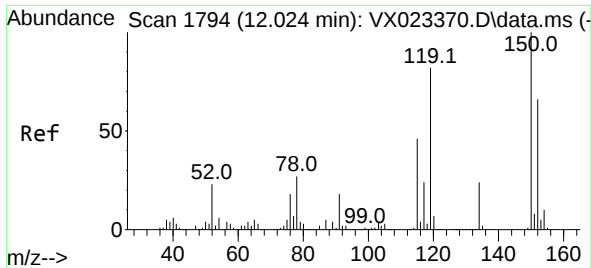
Tgt Ion:117 Resp: 249735
Ion Ratio Lower Upper
117 100
82 51.2 47.4 71.2
119 32.9 26.6 39.8



#64
Tetrachloroethene
Concen: 8.655 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023402.D
Acq: 23 Jul 2021 03:14

Tgt Ion:164 Resp: 17203
Ion Ratio Lower Upper
164 100
166 127.3 103.4 155.2
129 89.8 70.8 106.2
131 87.1 72.5 108.7

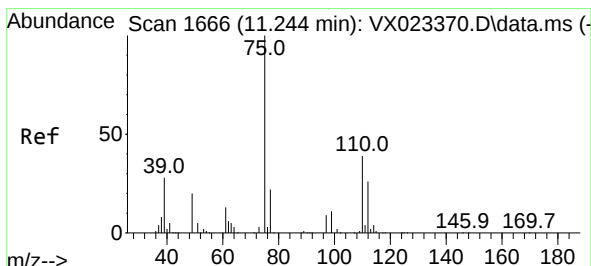
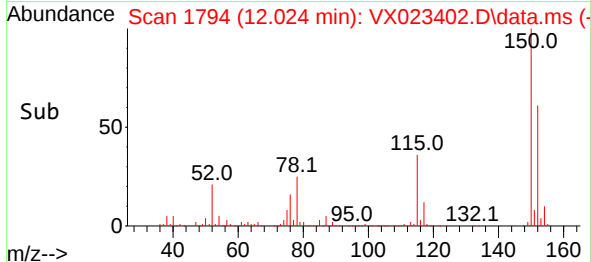
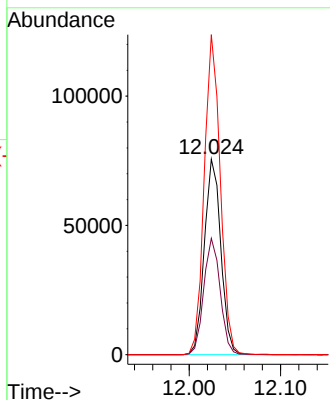
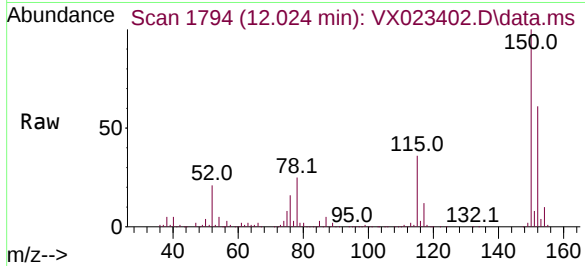




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023402.D
 Acq: 23 Jul 2021 03:14

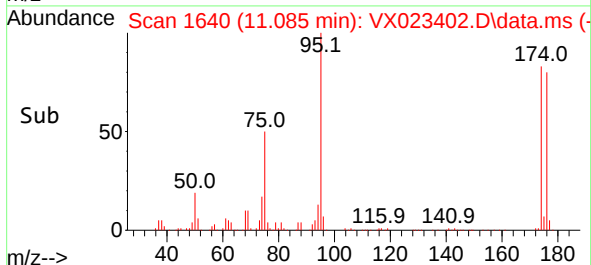
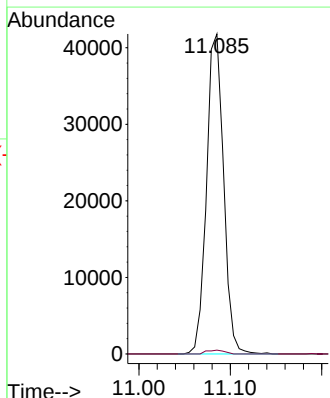
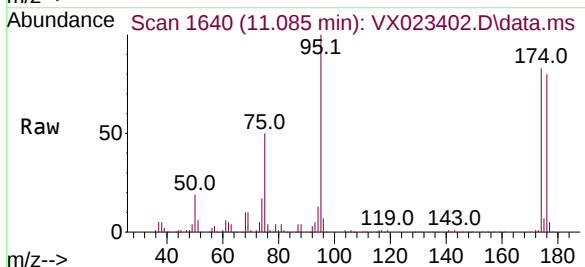
Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-E

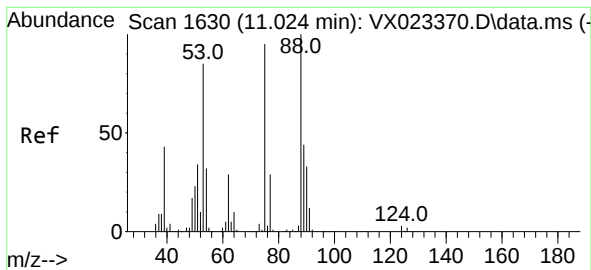
Tgt Ion:152 Resp: 94313
 Ion Ratio Lower Upper
 152 100
 115 59.3 41.1 123.3
 150 159.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.022 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023402.D
 Acq: 23 Jul 2021 03:14

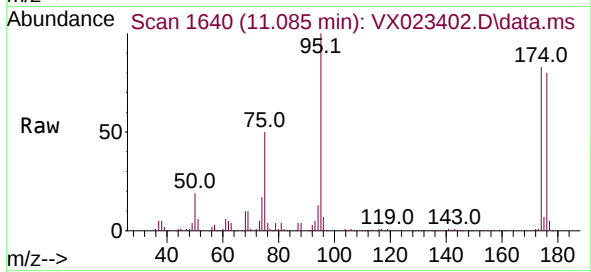
Tgt Ion: 75 Resp: 54007
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.970 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023402.D
 Acq: 23 Jul 2021 03:14

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-E



Tgt Ion:	75	Resp:	54007
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

