

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023397.D
 Acq On : 23 Jul 2021 01:17
 Operator : JC/MD
 Sample : M3145-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-C

Quant Time: Jul 23 06:12:18 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)

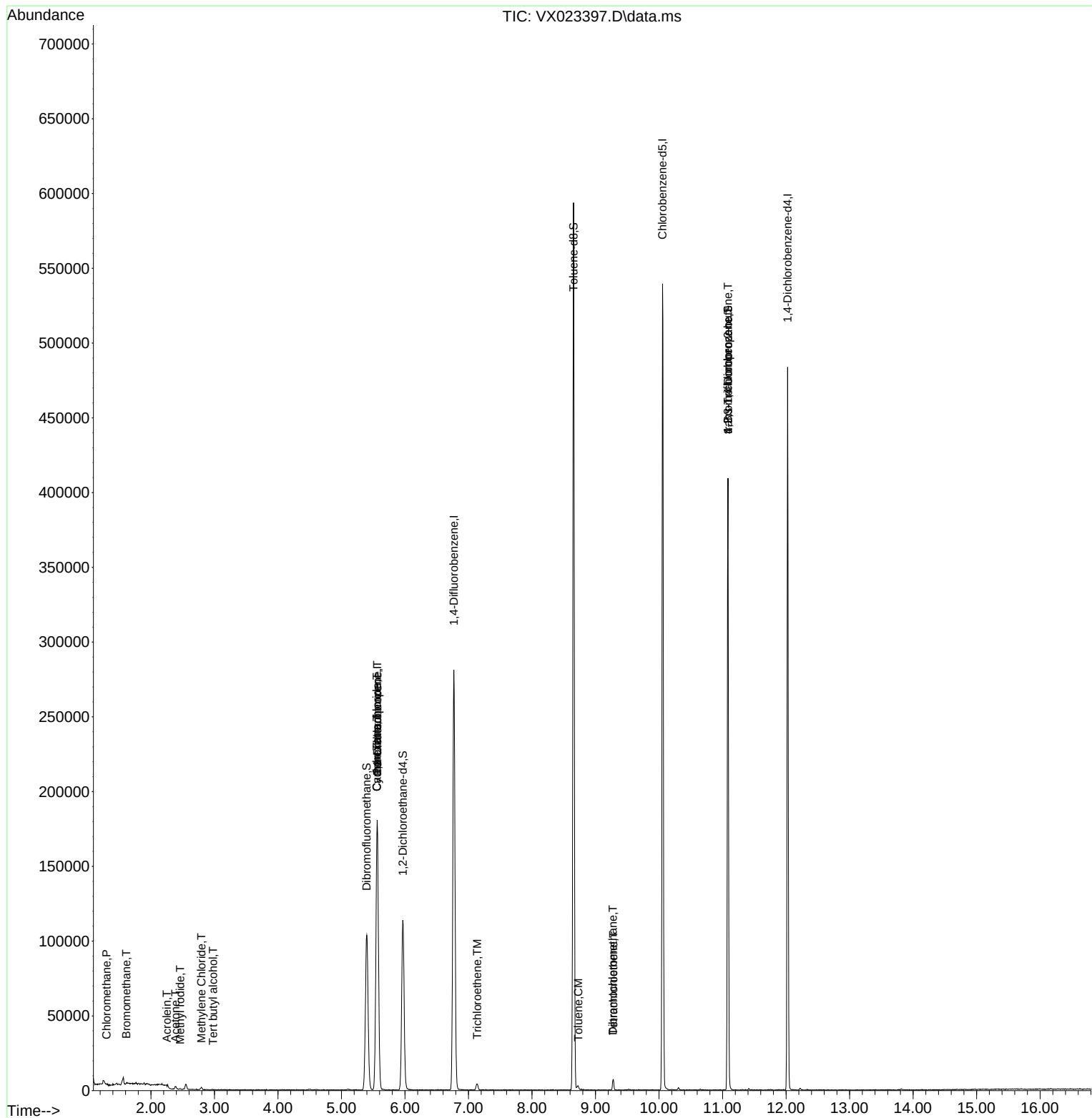
Internal Standards						
1) Pentafluorobenzene	5.562	168	172444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	289251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110199	51.229	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.460%	
35) Dibromofluoromethane	5.397	113	90937	50.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	8.653	98	339200	51.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	11.085	95	104651	46.318	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.640%	
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	569	0.308	ug/l	92
5) Bromomethane	1.611	94	488	0.439	ug/l #	36
10) Methyl Iodide	2.459	142	458	0.214	ug/l #	86
11) Tert butyl alcohol	2.977	59	201	0.409	ug/l #	73
13) Acrolein	2.252	56	56	1.587	ug/l #	1
16) Acetone	2.386	43	2167	2.054	ug/l	100
20) Methylene Chloride	2.794	84	687	0.335	ug/l	95
31) Cyclohexane	5.556	56	3563	1.118	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13227	5.055	ug/l #	48
38) Carbon Tetrachloride	5.556	117	16776	6.304	ug/l #	15
44) Trichloroethene	7.135	130	1832	0.860	ug/l	73
52) Toluene	8.726	92	1072	0.223	ug/l	86
60) Dibromochloromethane	9.275	129	1264	2.546	ug/l #	11
64) Tetrachloroethene	9.281	164	1327	0.679	ug/l #	75
76) 1,2,3-Trichloropropane	11.085	75	53471	25.318	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53471	68.077	ug/l #	12

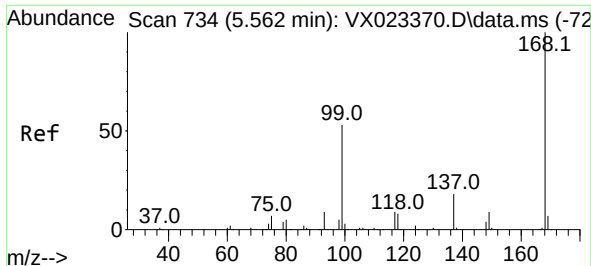
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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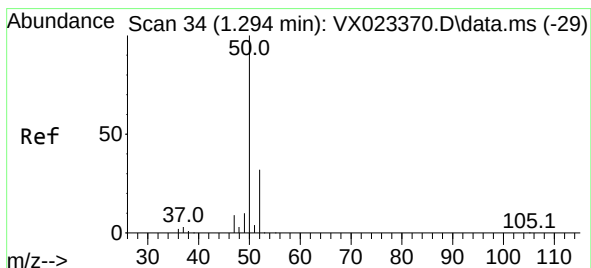
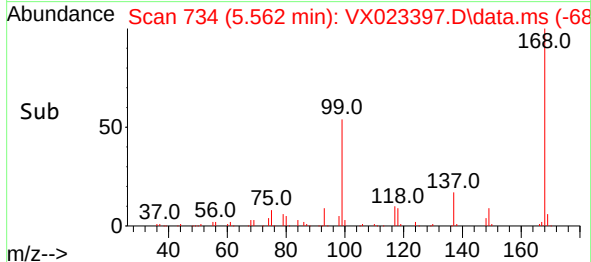
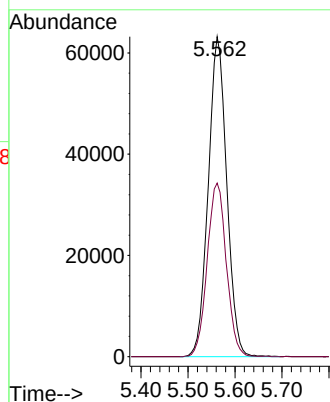
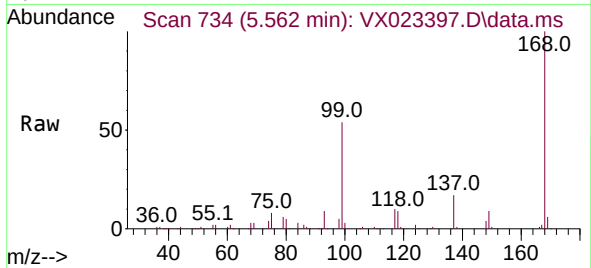




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

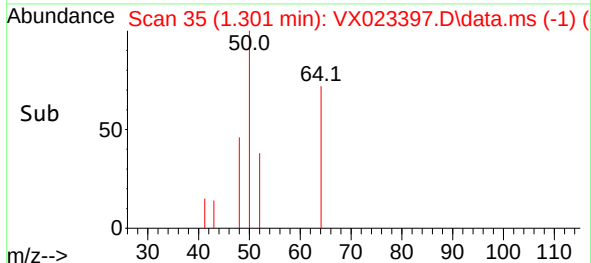
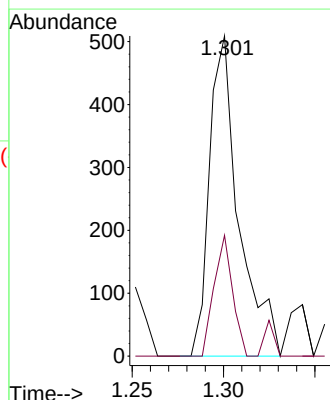
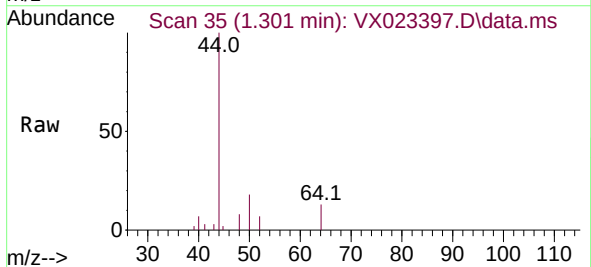
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-C

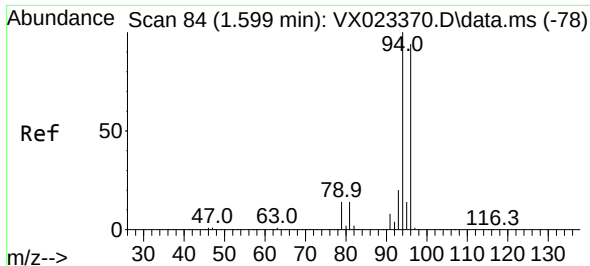
Tgt Ion:168 Resp: 172444
Ion Ratio Lower Upper
168 100
99 54.2 45.8 68.6



#3
Chloromethane
Concen: 0.308 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Tgt Ion: 50 Resp: 569
Ion Ratio Lower Upper
50 100
52 37.7 26.4 39.6

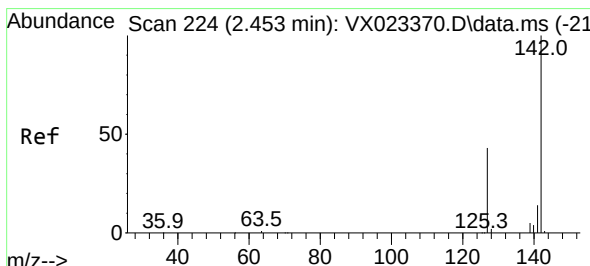
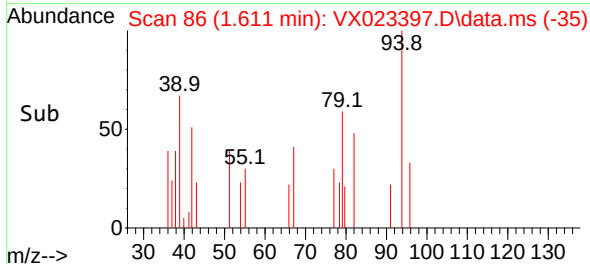
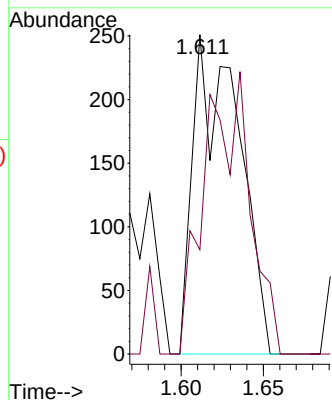
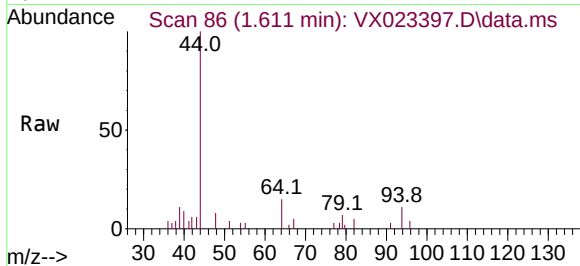




#5
Bromomethane
Concen: 0.439 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

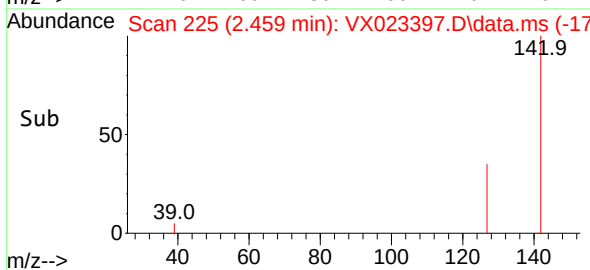
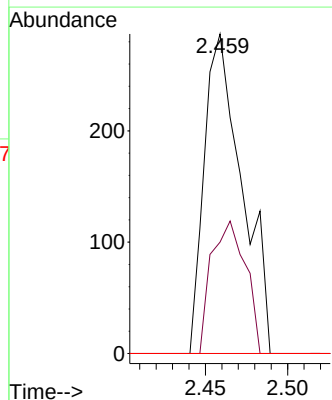
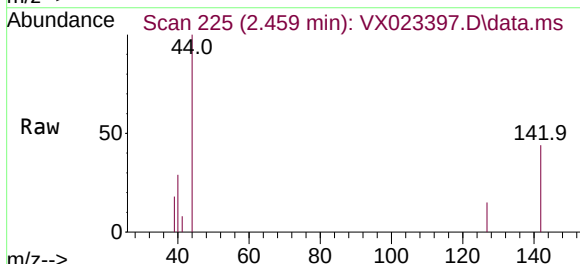
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-C

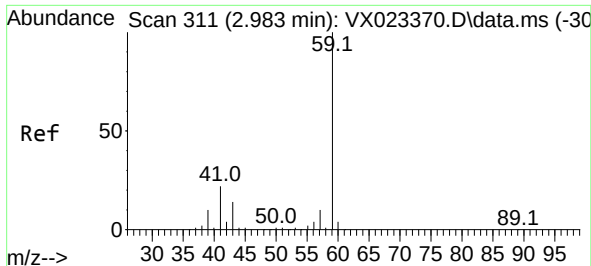
Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 32.7 76.4 114.6#



#10
Methyl Iodide
Concen: 0.214 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

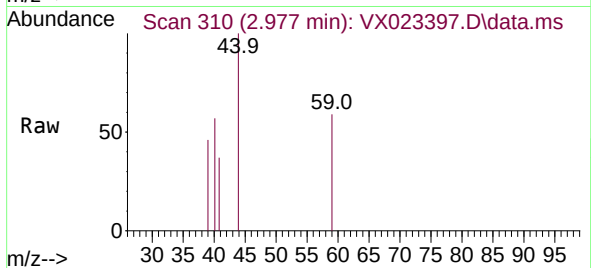
Tgt Ion: 142 Resp: 458
Ion Ratio Lower Upper
142 100
127 37.6 33.3 49.9
141 0.0 11.4 17.0#



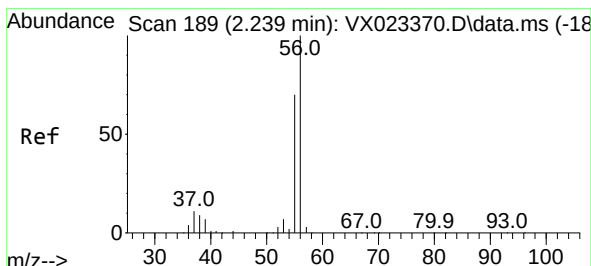
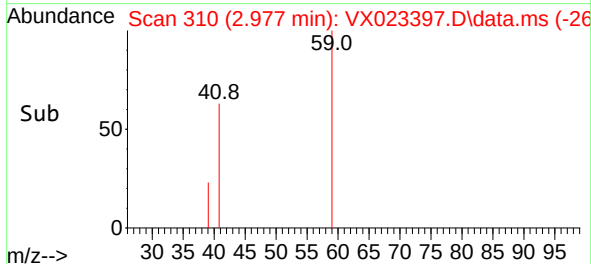
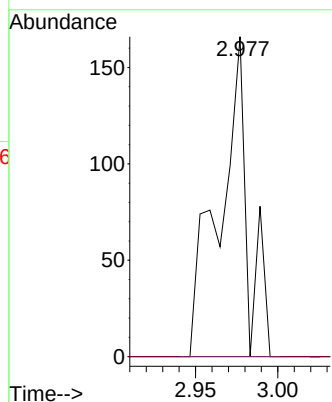


#11
Tert butyl alcohol
Concen: 0.409 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-C

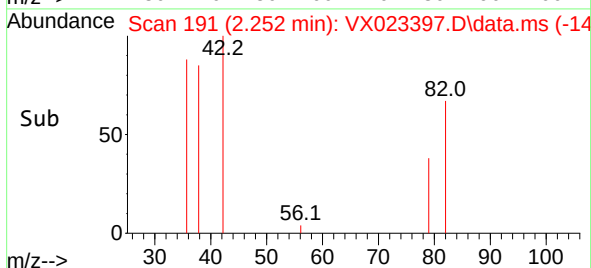
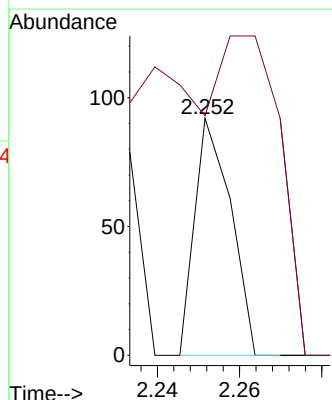
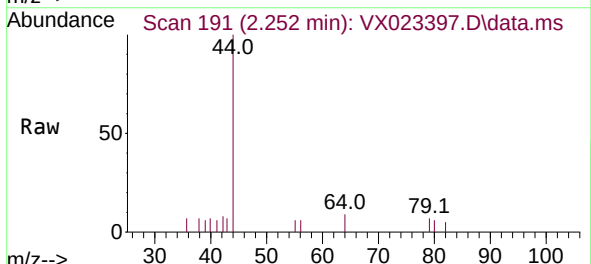


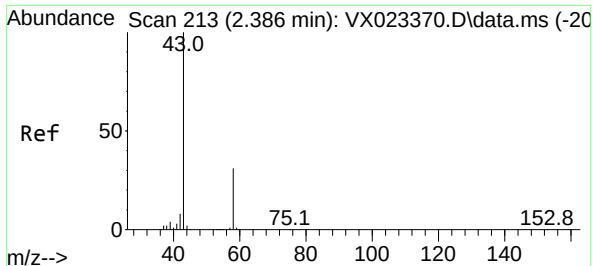
Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 1.587 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 266.1 56.4 84.6#

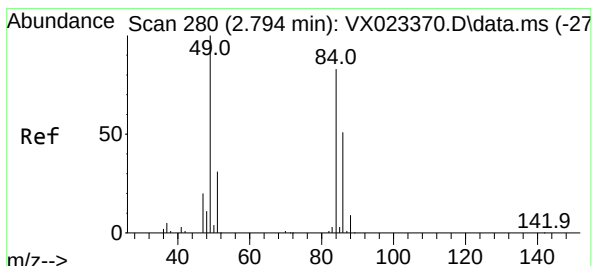
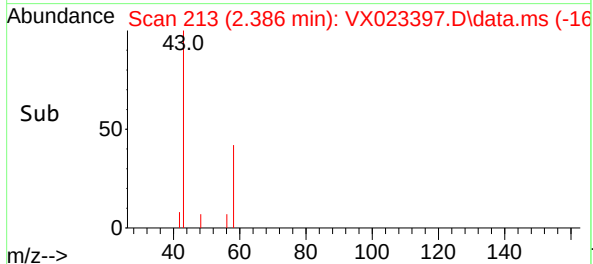
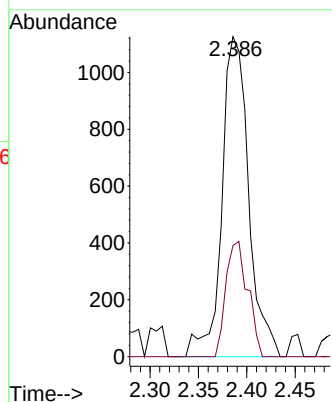
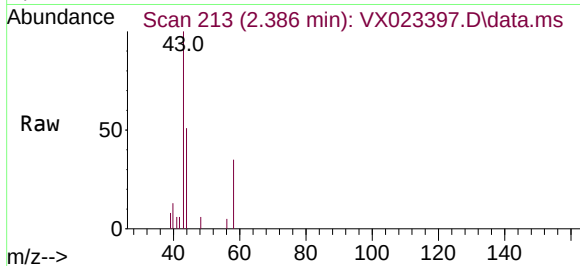




#16
Acetone
Concen: 2.054 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

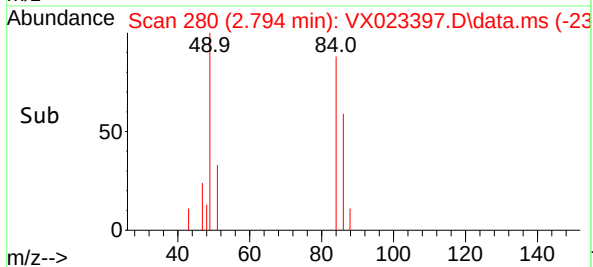
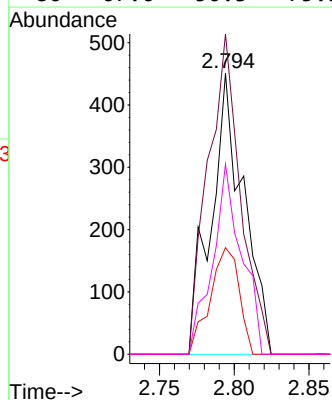
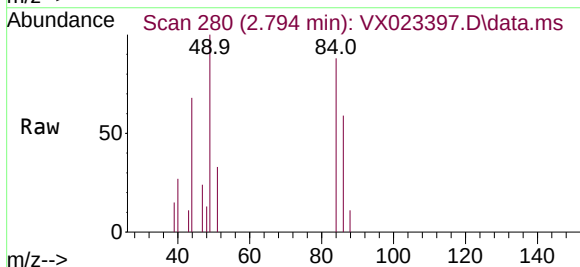
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-C

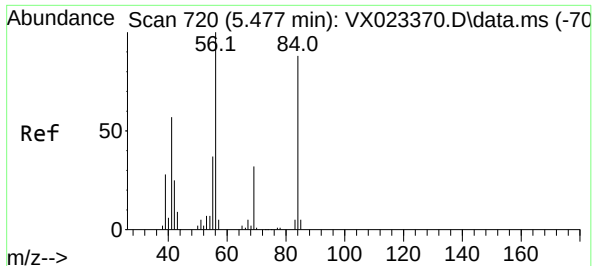
Tgt Ion: 43 Resp: 2167
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8



#20
Methylene Chloride
Concen: 0.335 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Tgt Ion: 84 Resp: 687
Ion Ratio Lower Upper
84 100
49 114.0 88.6 132.8
51 37.9 27.0 40.6
86 67.6 50.3 75.5

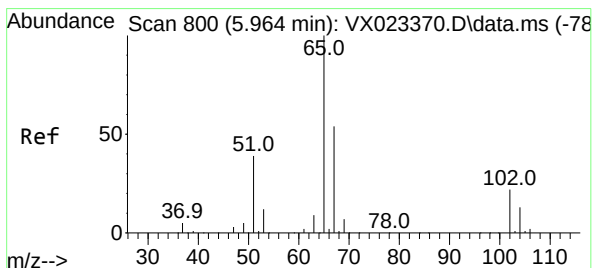
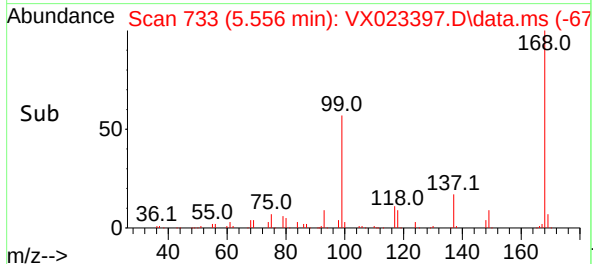
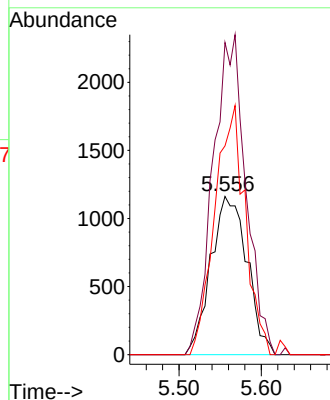
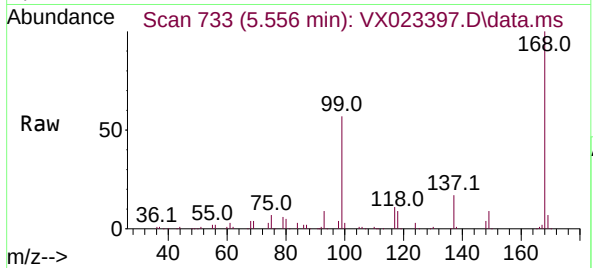




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

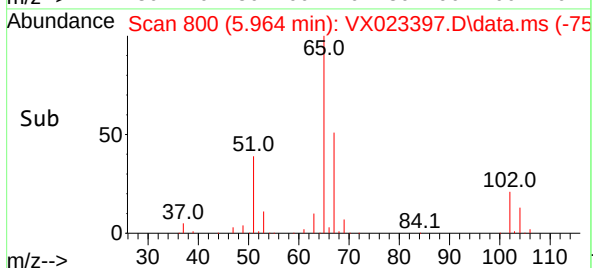
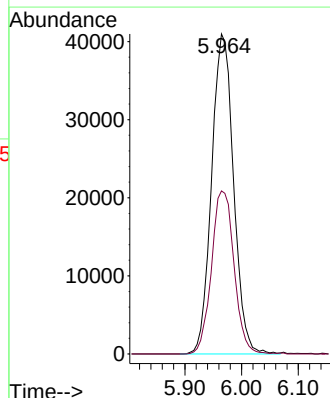
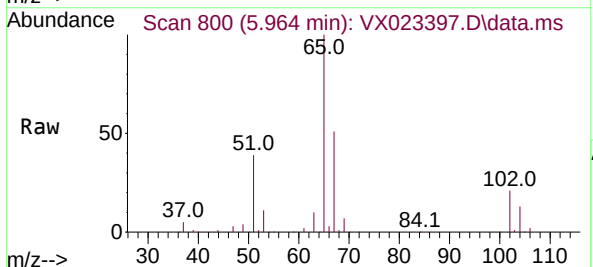
Instrument :
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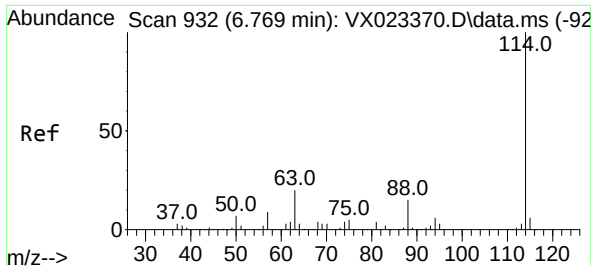
Tgt Ion: 56 Resp: 3563
Ion Ratio Lower Upper
56 100
69 197.2 25.3 37.9#
84 131.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.229 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Tgt Ion: 65 Resp: 110199
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

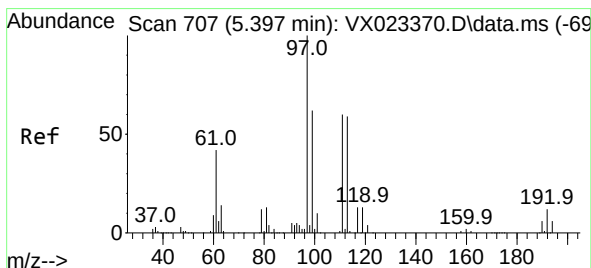
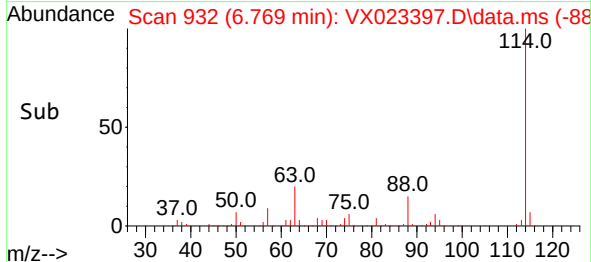
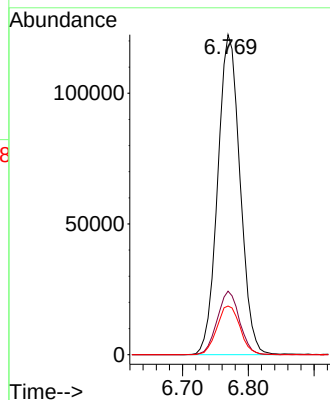
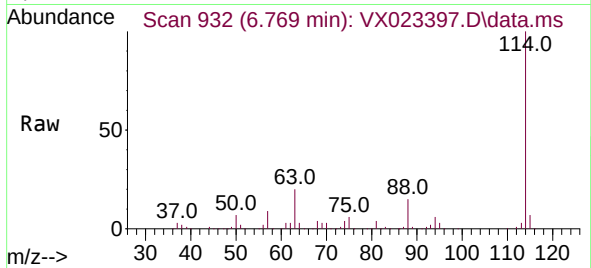




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

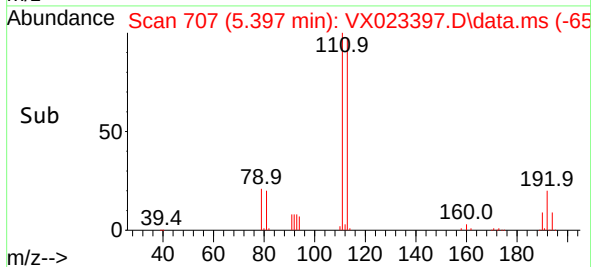
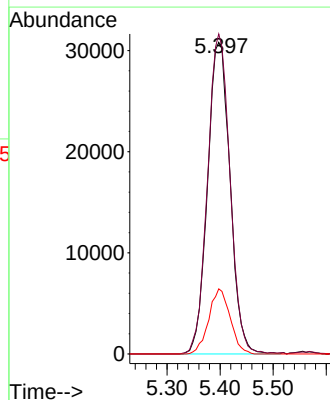
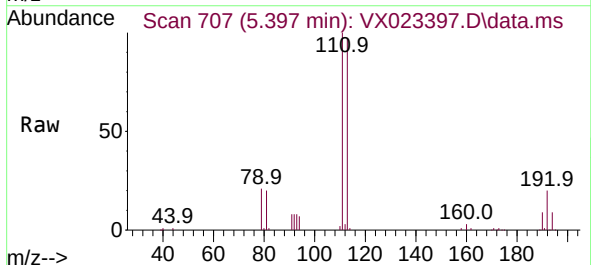
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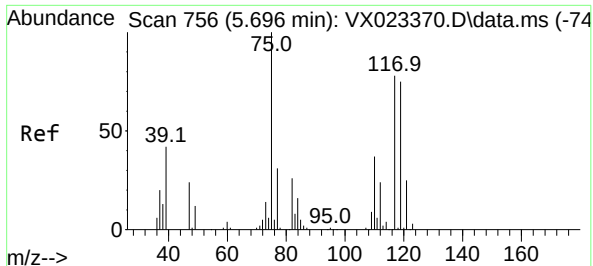
Tgt Ion:114 Resp: 289251
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.282 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

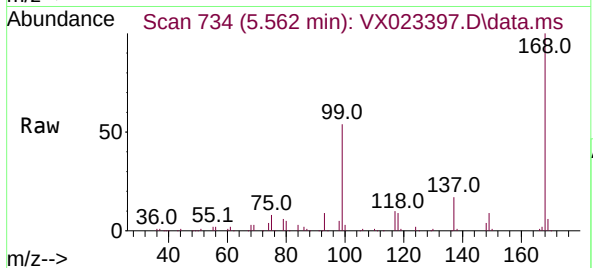
Tgt Ion:113 Resp: 90937
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.8 16.7 25.1



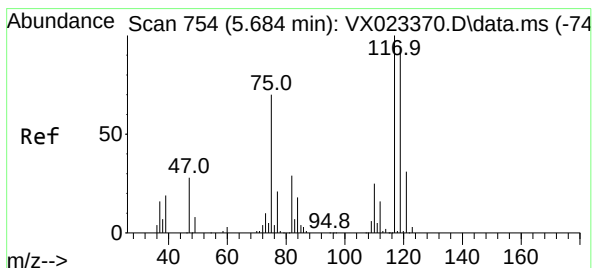
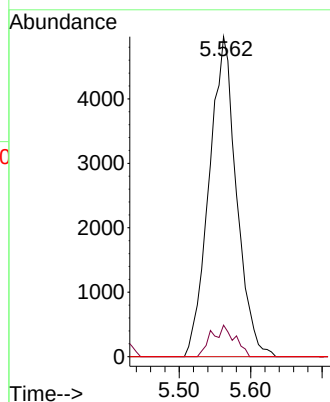
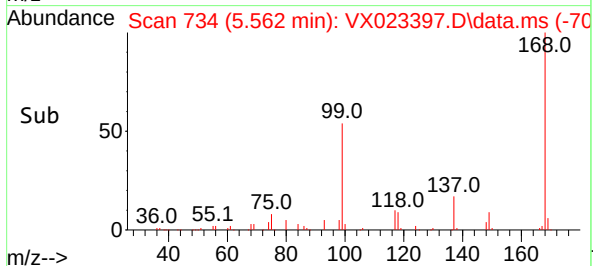


#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

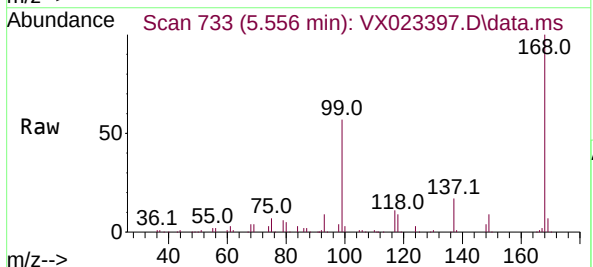
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-C



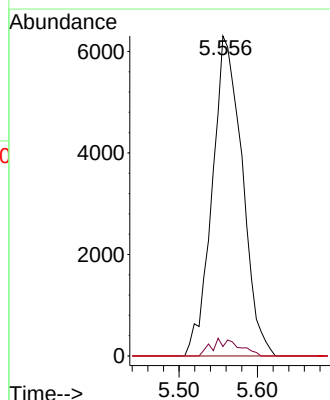
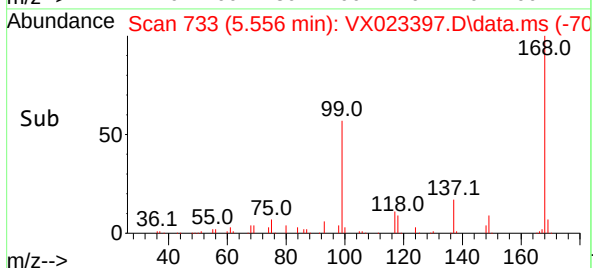
Tgt Ion: 75 Resp: 13227
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#

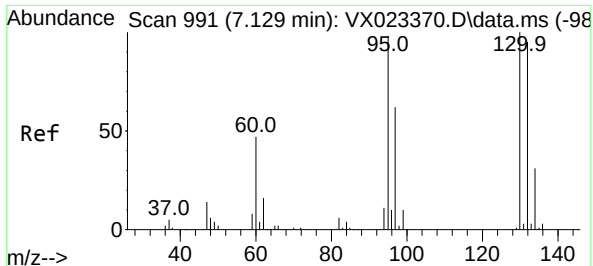


#38
Carbon Tetrachloride
Concen: 6.304 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17



Tgt Ion: 117 Resp: 16776
Ion Ratio Lower Upper
117 100
119 3.0 76.2 114.2#
121 0.0 24.8 37.2#

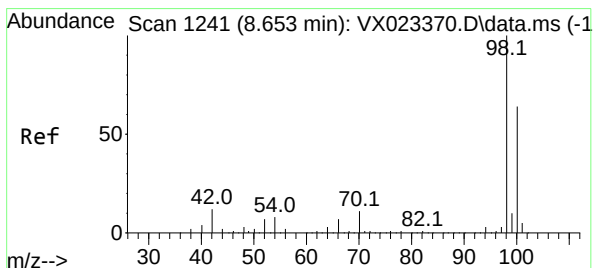
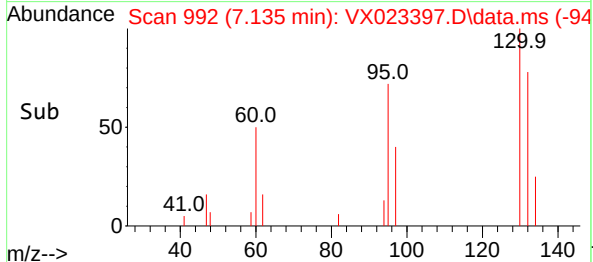
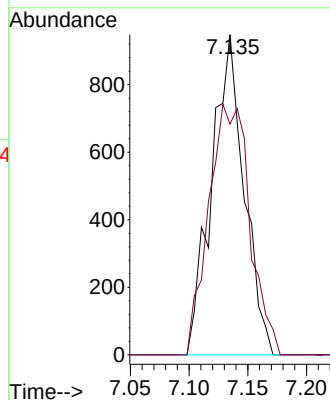
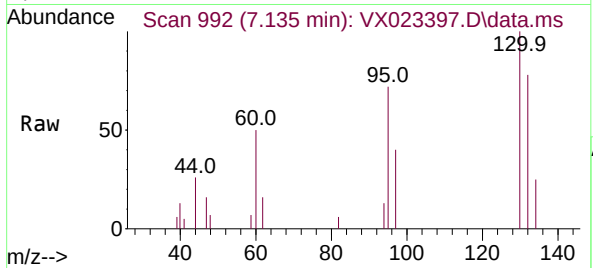




#44
Trichloroethene
Concen: 0.860 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

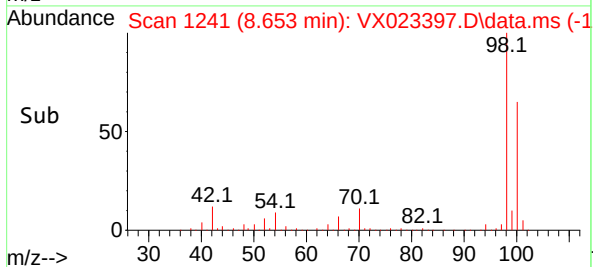
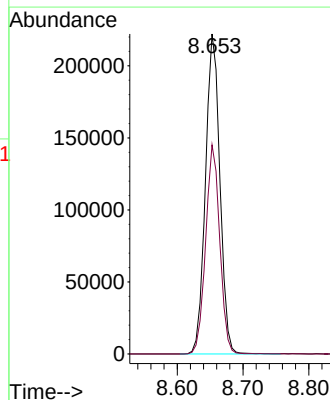
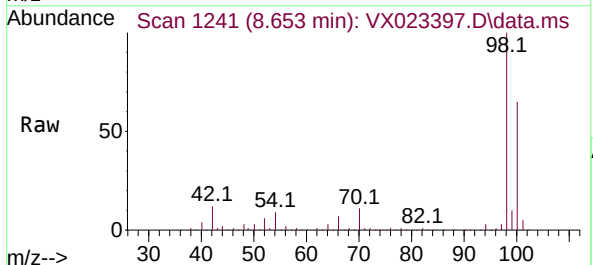
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-C

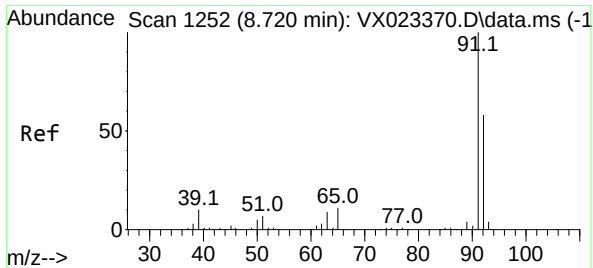
Tgt Ion:130 Resp: 1832
Ion Ratio Lower Upper
130 100
95 72.0 0.0 198.0



#50
Toluene-d8
Concen: 51.049 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Tgt Ion: 98 Resp: 339200
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

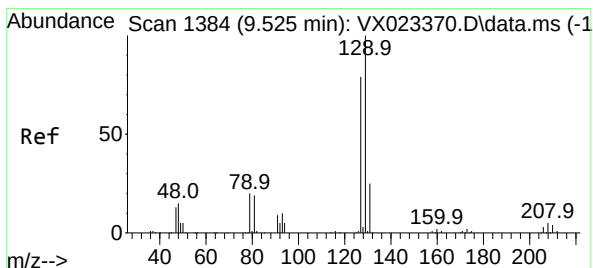
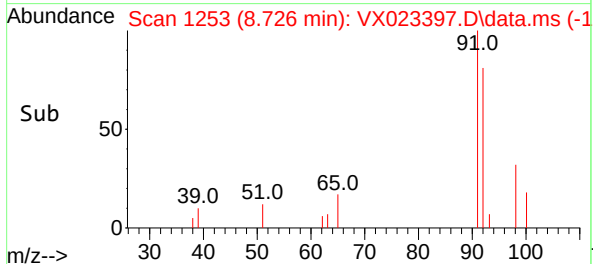
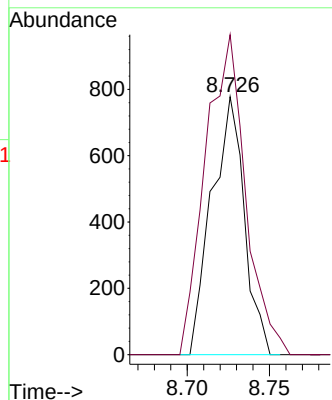
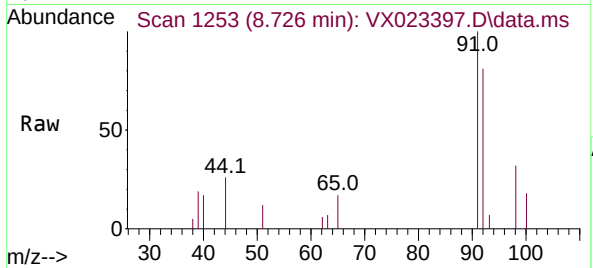




#52
Toluene
Concen: 0.223 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

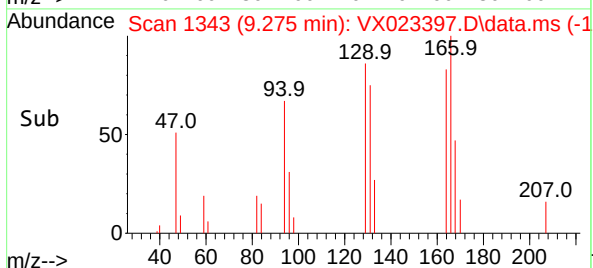
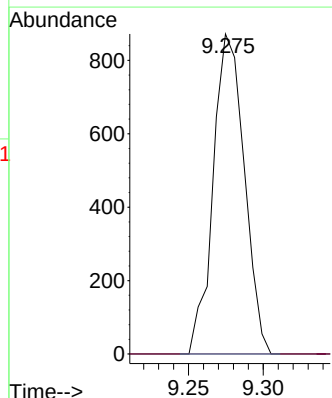
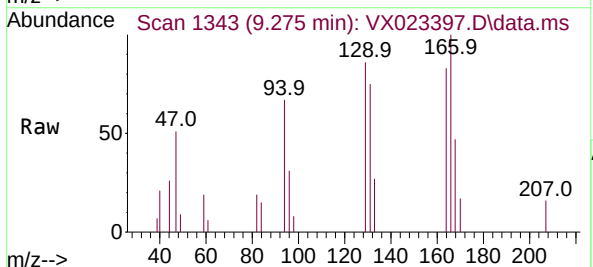
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-C

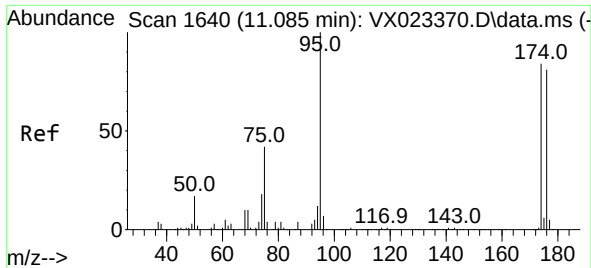
Tgt Ion: 92 Resp: 1072
Ion Ratio Lower Upper
92 100
91 152.6 137.1 205.7



#60
Dibromochloromethane
Concen: 2.546 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Tgt Ion: 129 Resp: 1264
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

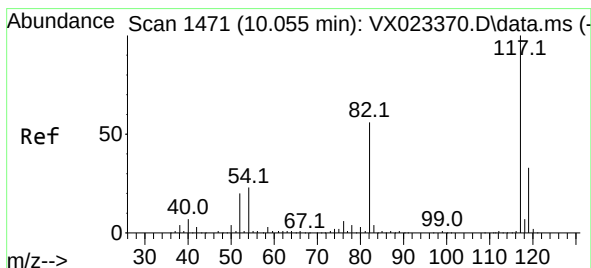
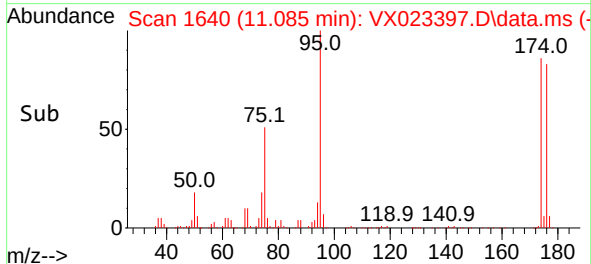
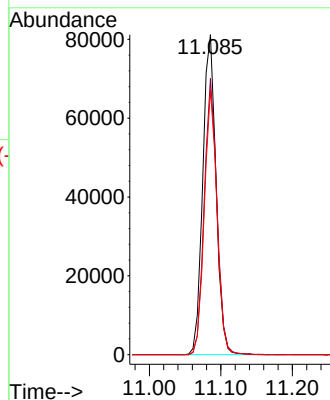
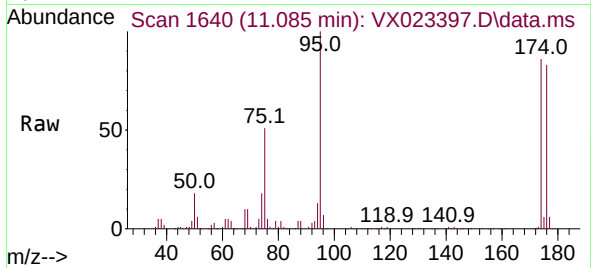




#62
4-Bromofluorobenzene
Concen: 46.318 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

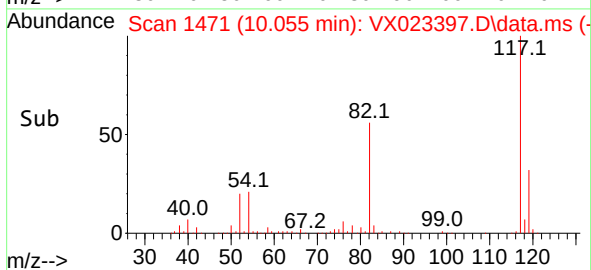
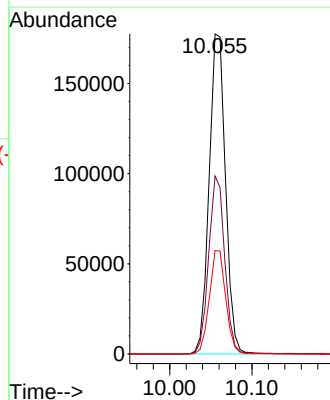
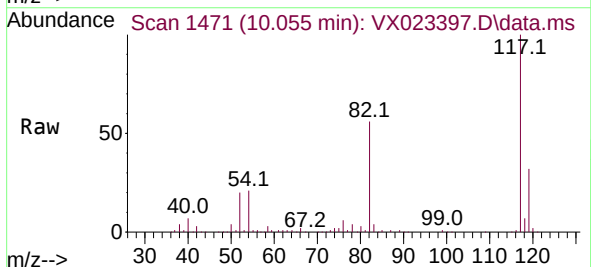
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-C

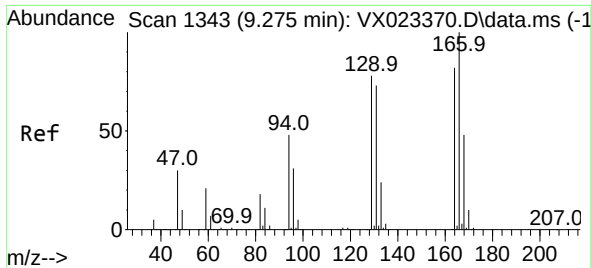
Tgt Ion: 95 Resp: 104651
Ion Ratio Lower Upper
95 100
174 83.2 0.0 154.6
176 79.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

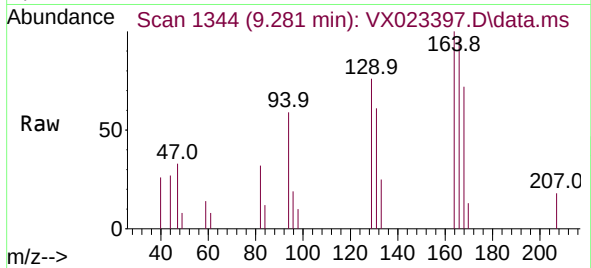
Tgt Ion: 117 Resp: 245639
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 32.3 26.6 39.8



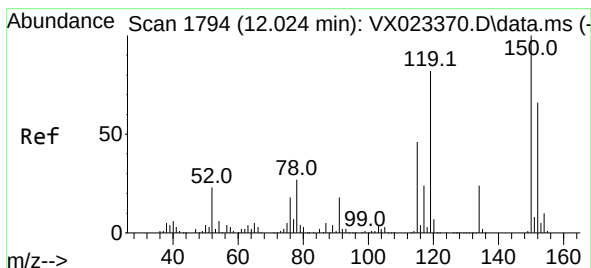
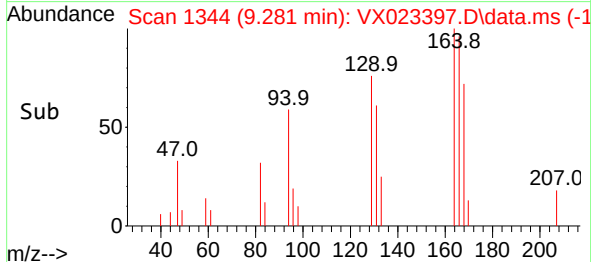
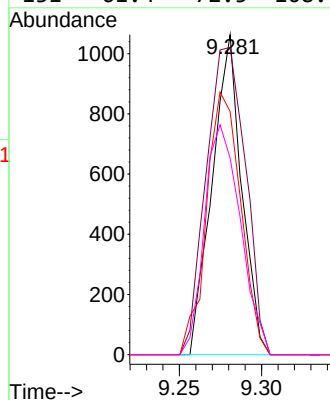


#64
Tetrachloroethene
Concen: 0.679 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-C

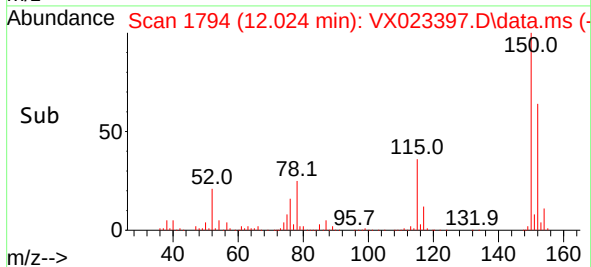
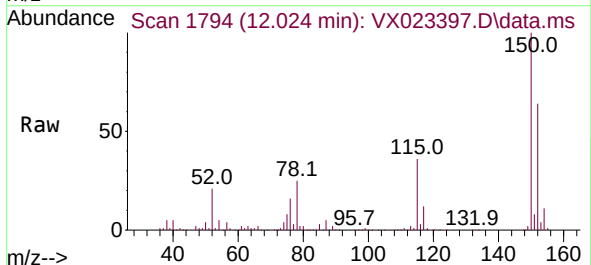
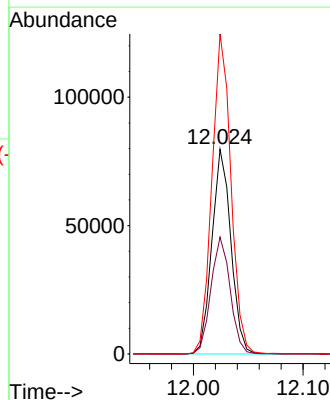


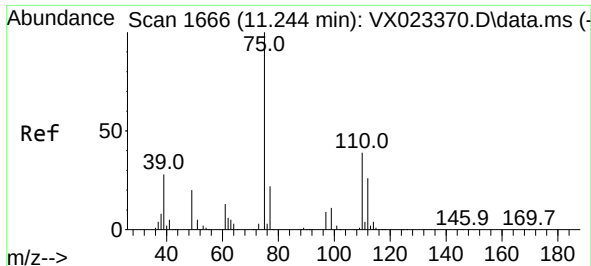
Tgt Ion:164 Resp: 1327
Ion Ratio Lower Upper
164 100
166 96.0 103.4 155.2#
129 76.0 70.8 106.2
131 61.4 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Tgt Ion:152 Resp: 95974
Ion Ratio Lower Upper
152 100
115 57.8 41.1 123.3
150 156.7 0.0 349.0

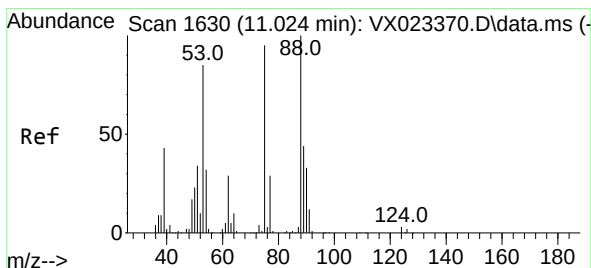
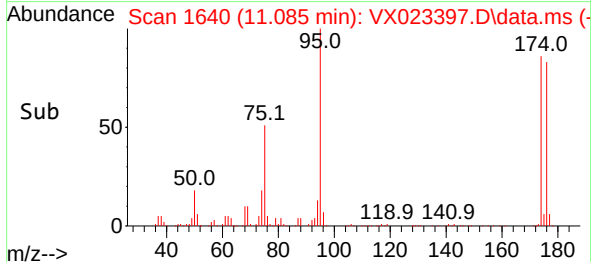
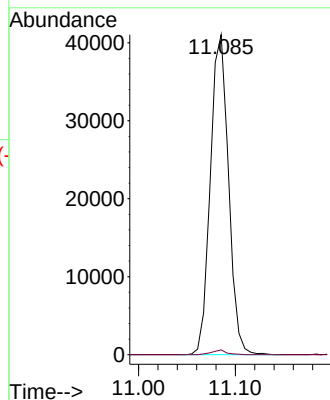
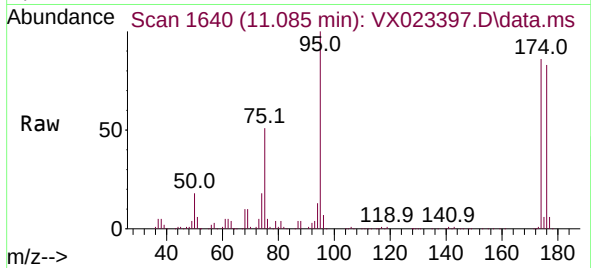




#76
1,2,3-Trichloropropane
Concen: 25.318 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-C

Tgt Ion: 75 Resp: 53471
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.077 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023397.D
Acq: 23 Jul 2021 01:17

Tgt Ion: 75 Resp: 53471
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

