

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024106.D
 Acq On : 03 Sep 2021 16:40
 Operator : JC/MD
 Sample : M3653-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Sep 04 01:30:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

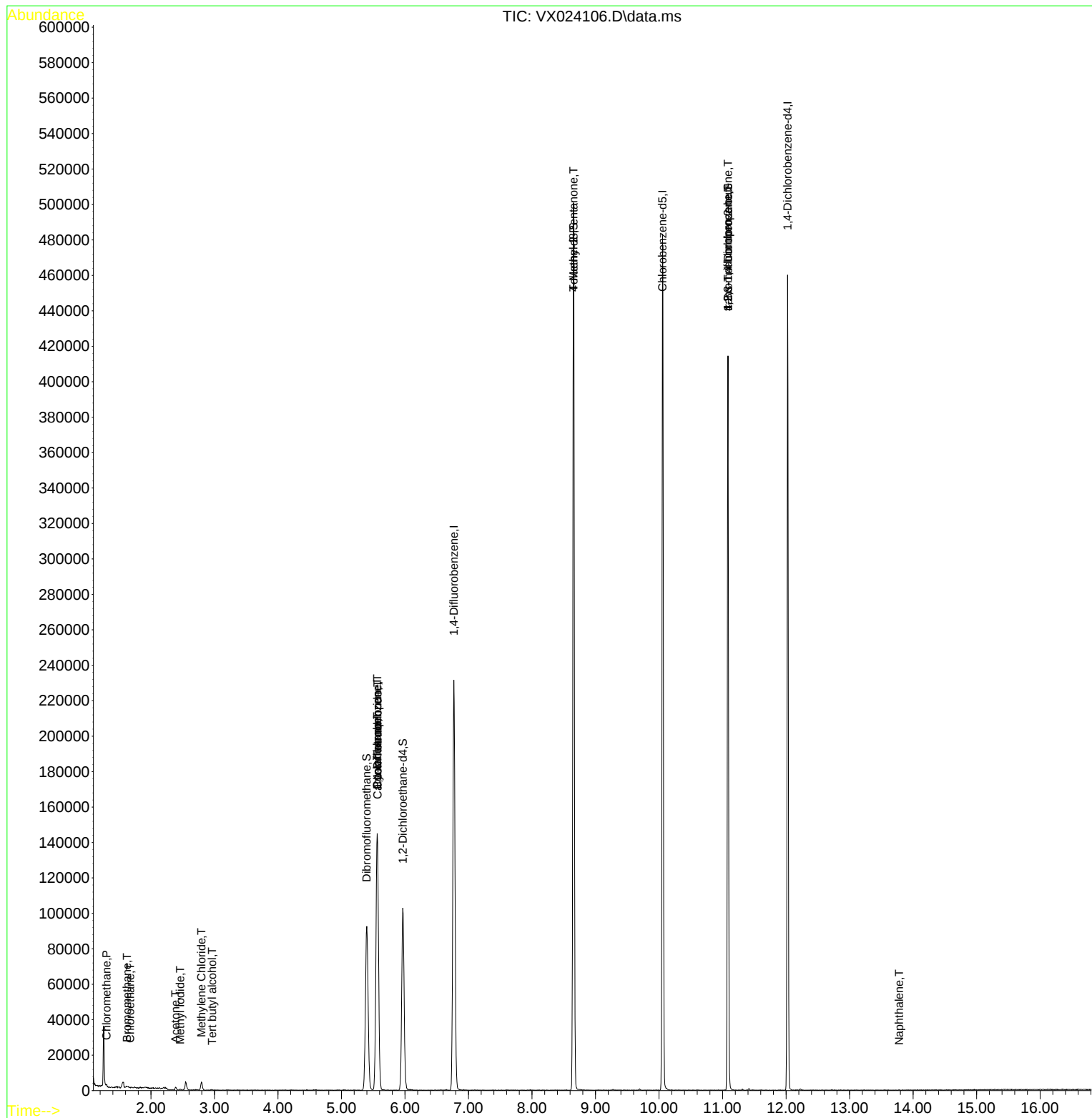
Internal Standards						
1) Pentafluorobenzene	5.562	168	136215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228668	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102460	53.894	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.780%			
35) Dibromofluoromethane	5.397	113	80172	52.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.940%			
50) Toluene-d8	8.653	98	288696	50.117	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.240%			
62) 4-Bromofluorobenzene	11.085	95	103110	48.624	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.240%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	609	0.386	ug/l #	87
5) Bromomethane	1.623	94	550	0.569	ug/l	93
6) Chloroethane	1.672	64	74	2.273	ug/l #	43
10) Methyl Iodide	2.459	142	470	0.247	ug/l #	75
11) Tert butyl alcohol	2.965	59	116	0.302	ug/l #	73
16) Acetone	2.385	43	1799	2.116	ug/l #	64
20) Methylene Chloride	2.794	84	1975	1.216	ug/l #	87
31) Cyclohexane	5.562	56	3079	1.261	ug/l #	38
36) 1,1-Dichloropropene	5.562	75	10722	5.063	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14343	6.495	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1483	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55932	26.308	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55932	77.387	ug/l #	12
95) Naphthalene	13.780	128	144	1.303	ug/l #	69

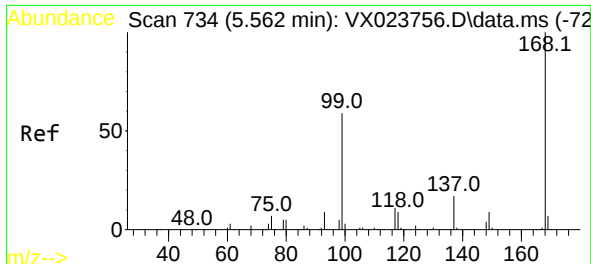
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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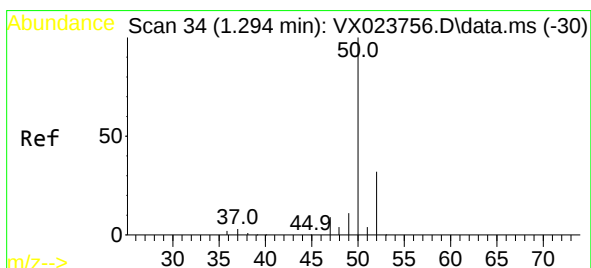
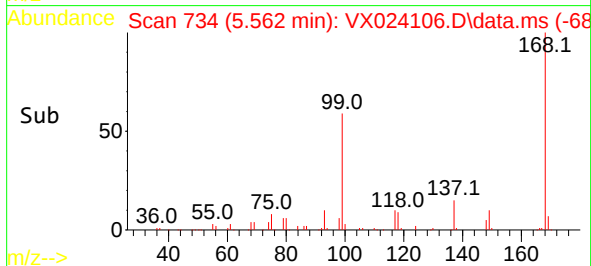
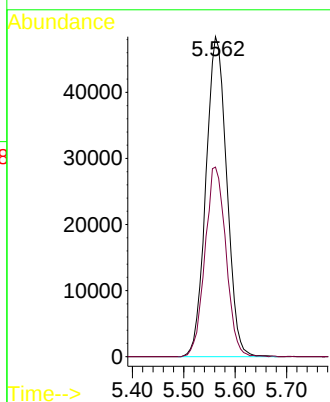
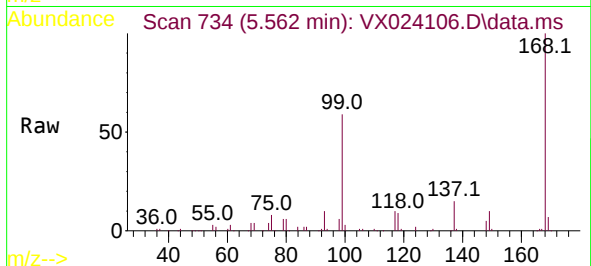




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

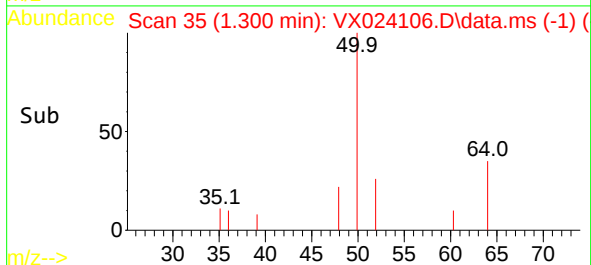
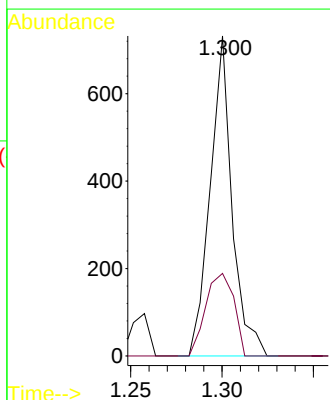
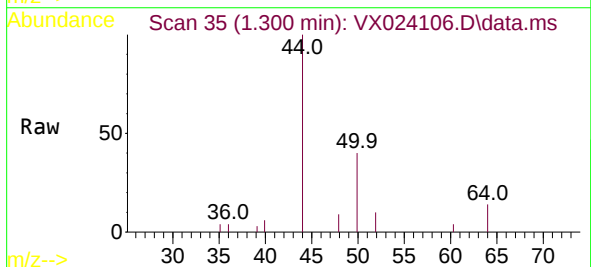
Instrument :
MSVOA_X
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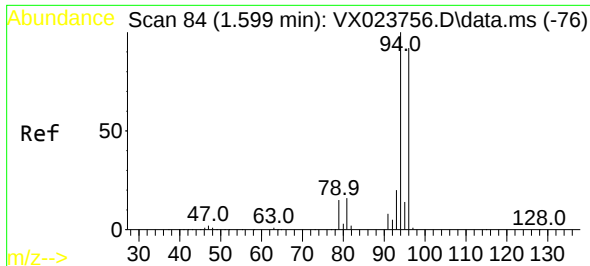
Tgt Ion:168 Resp: 136215
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#3
Chloromethane
Concen: 0.386 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Tgt Ion: 50 Resp: 609
Ion Ratio Lower Upper
50 100
52 25.8 26.4 39.6#

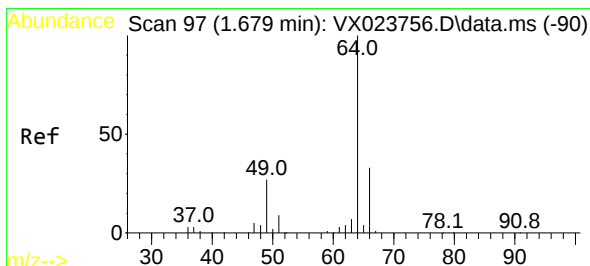
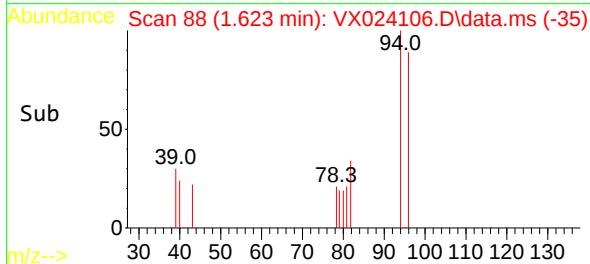
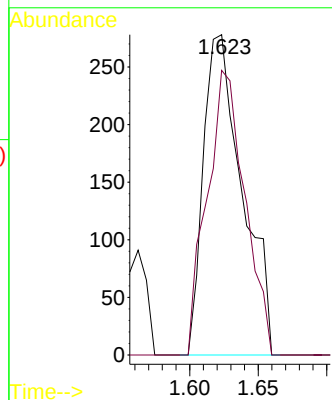
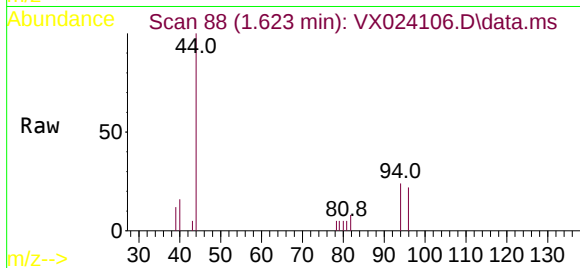




#5
Bromomethane
Concen: 0.569 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

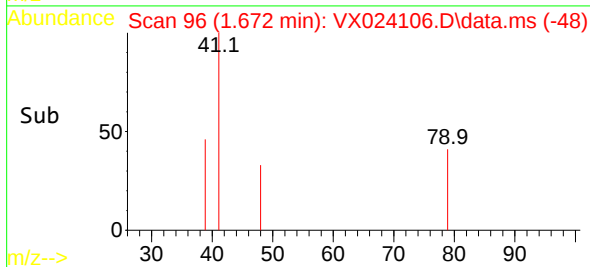
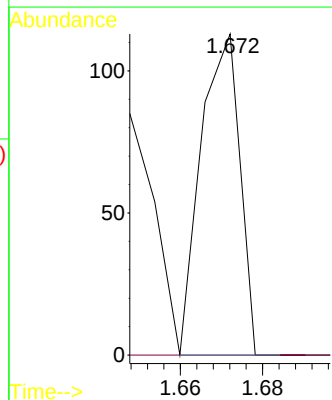
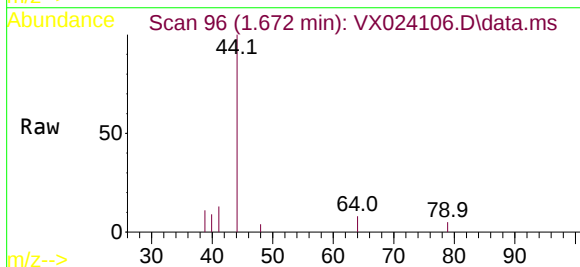
Instrument :
MSVOA_X
ClientSampleId :
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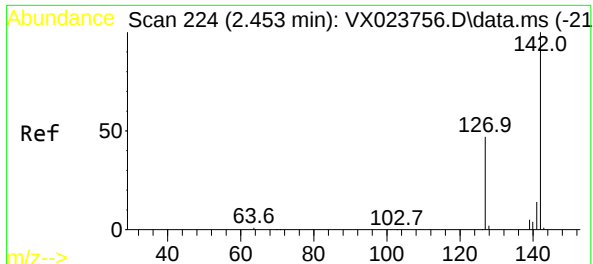
Tgt Ion: 94 Resp: 550
Ion Ratio Lower Upper
94 100
96 88.8 76.4 114.6



#6
Chloroethane
Concen: 2.273 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Tgt Ion: 64 Resp: 74
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

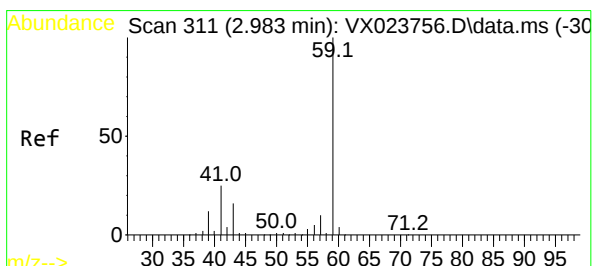
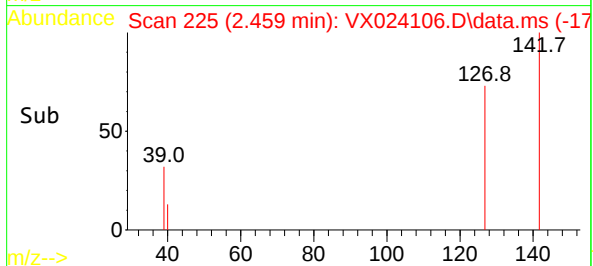
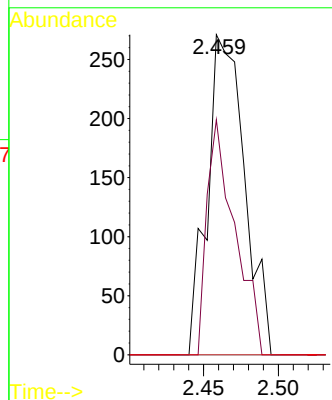
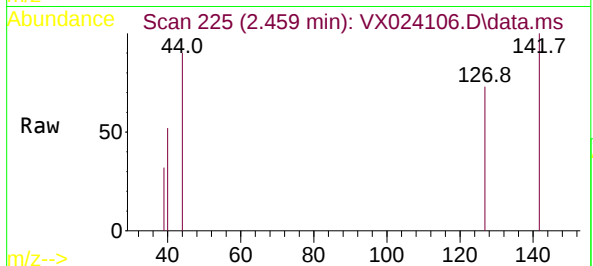




#10
Methyl Iodide
Concen: 0.247 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

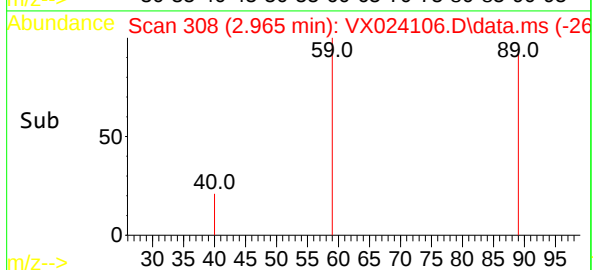
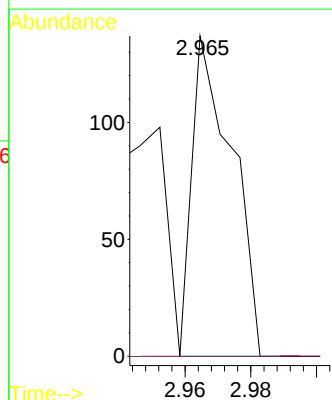
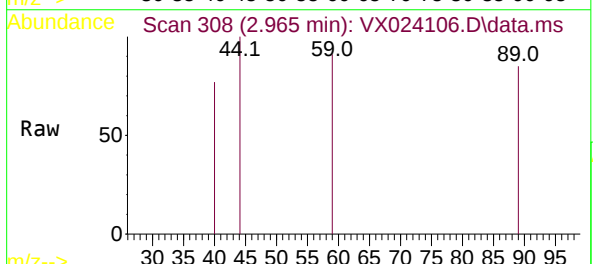
Instrument :
MSVOA_X
ClientSampleId :
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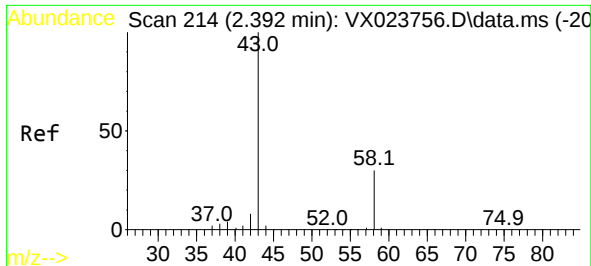
Tgt Ion:142 Resp: 470
Ion Ratio Lower Upper
142 100
127 54.9 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.302 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

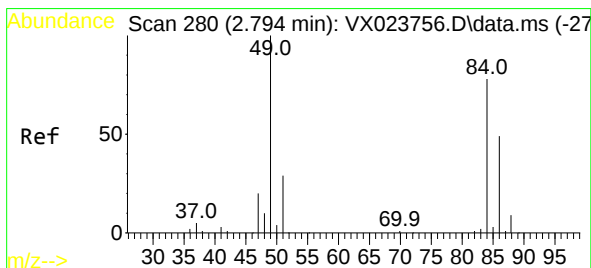
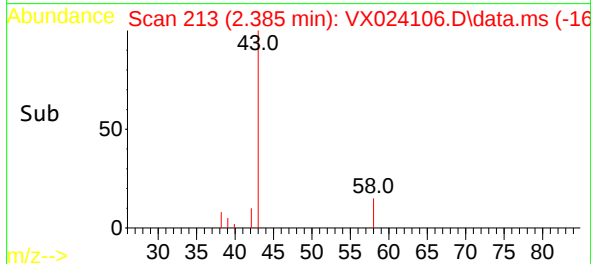
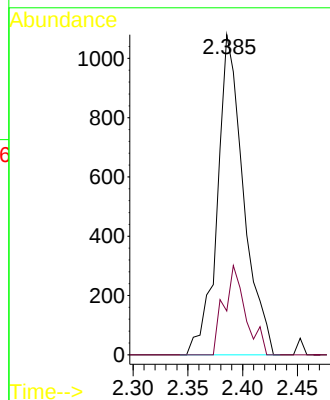
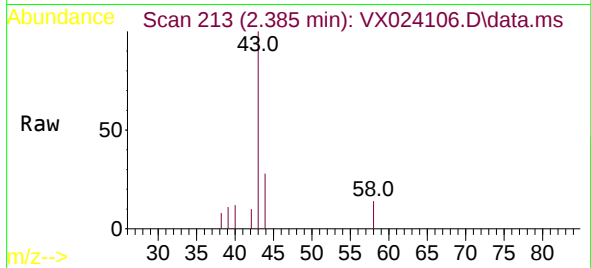




#16
Acetone
Concen: 2.116 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

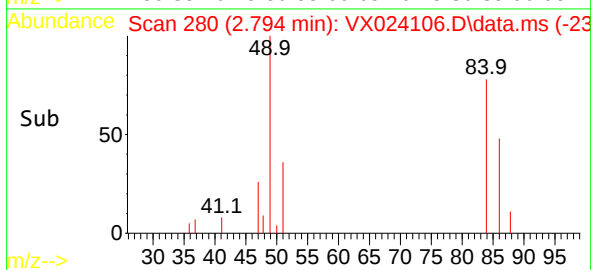
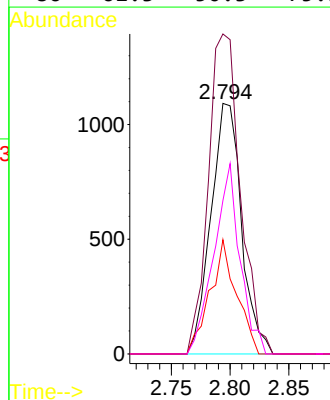
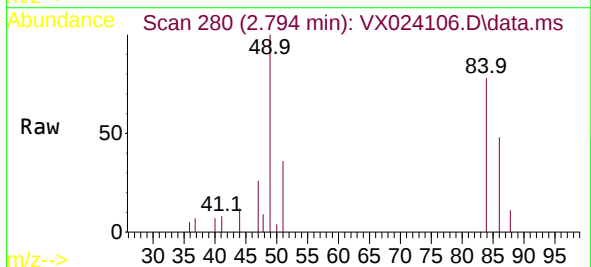
Instrument :
MSVOA_X
ClientSampleId :
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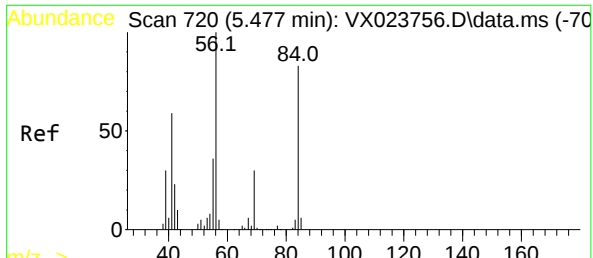
Tgt Ion: 43 Resp: 1799
Ion Ratio Lower Upper
43 100
58 13.7 27.8 41.8#



#20
Methylene Chloride
Concen: 1.216 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

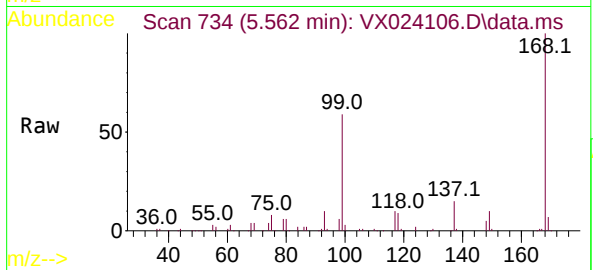
Tgt Ion: 84 Resp: 1975
Ion Ratio Lower Upper
84 100
49 127.7 88.6 132.8
51 45.6 27.0 40.6#
86 61.3 50.3 75.5



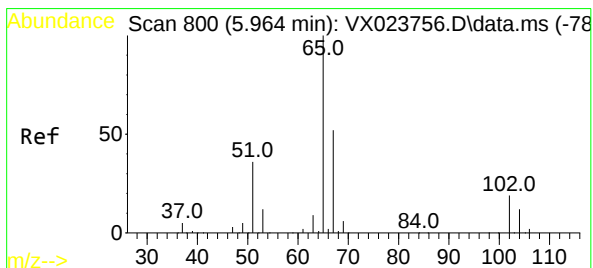
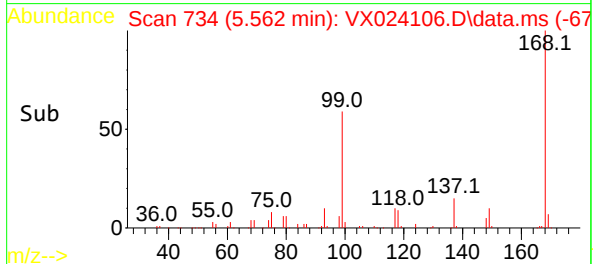
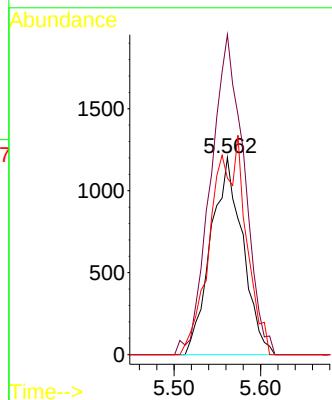


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

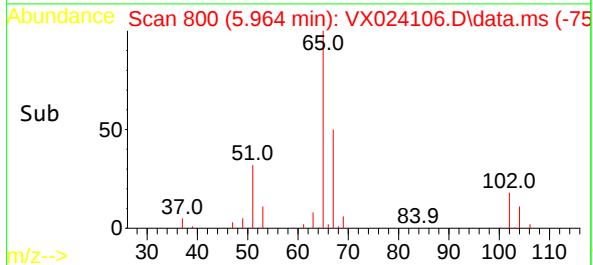
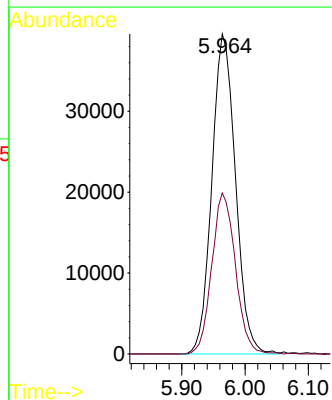
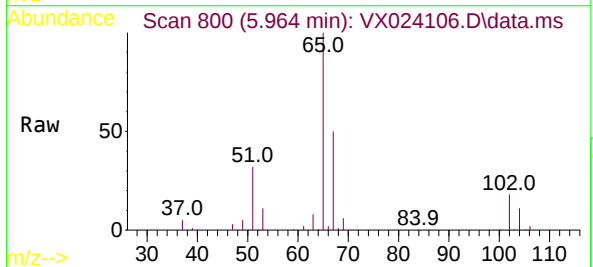


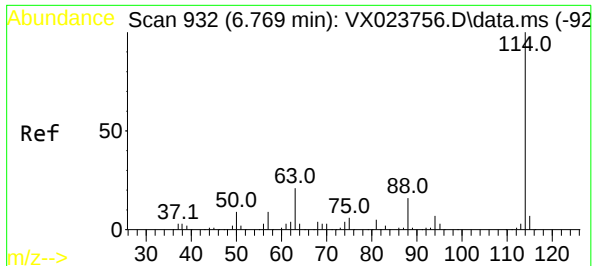
Tgt Ion: 56 Resp: 3079
Ion Ratio Lower Upper
56 100
69 162.4 25.3 37.9#
84 89.6 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.894 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Tgt Ion: 65 Resp: 102460
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

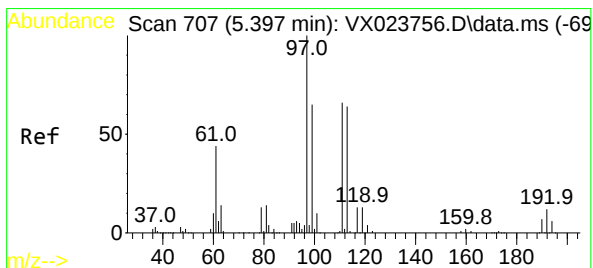
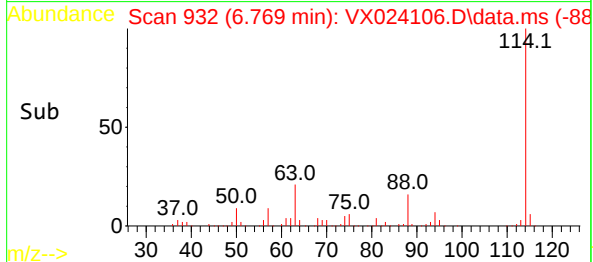
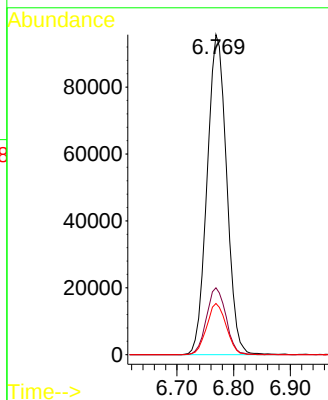
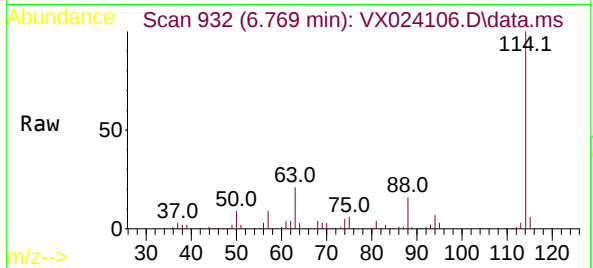




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

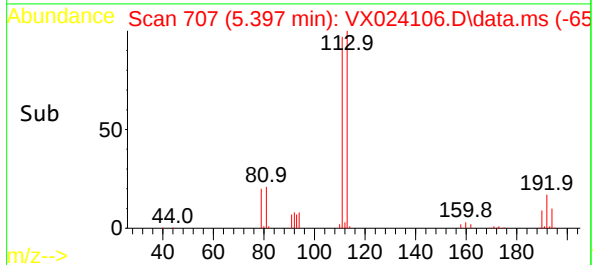
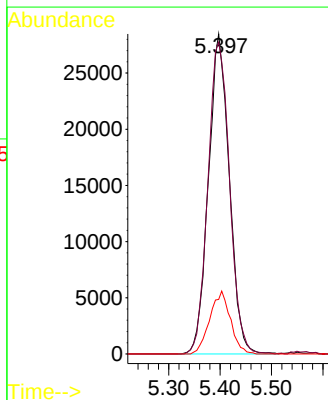
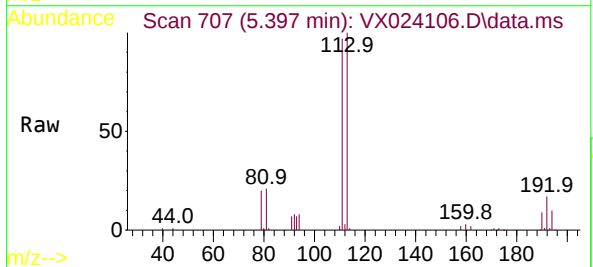
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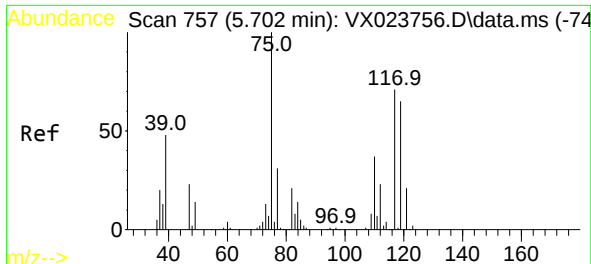
Tgt Ion:114 Resp: 228668
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.971 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Tgt Ion:113 Resp: 80172
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.4 16.7 25.1

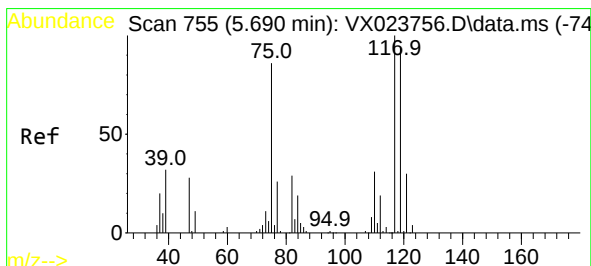
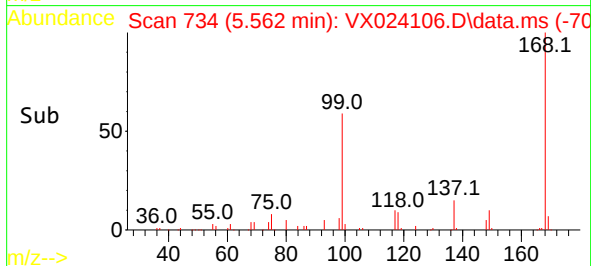
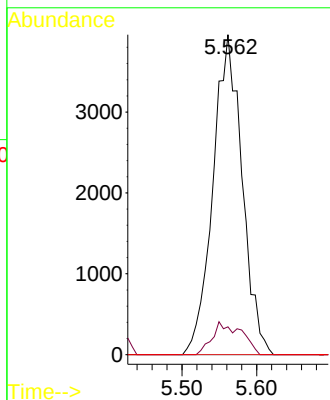
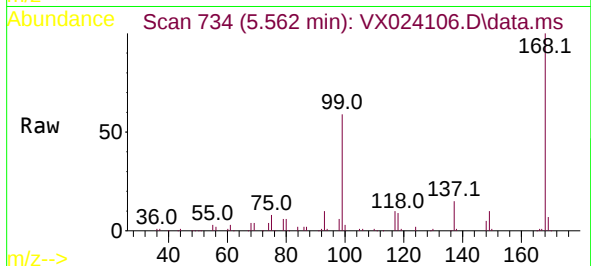




#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

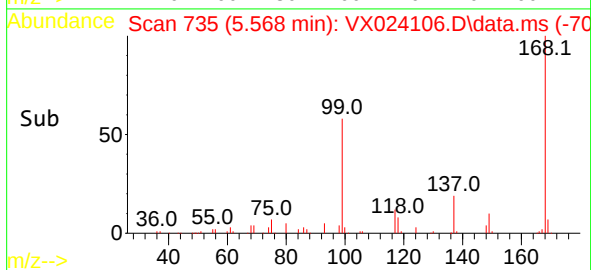
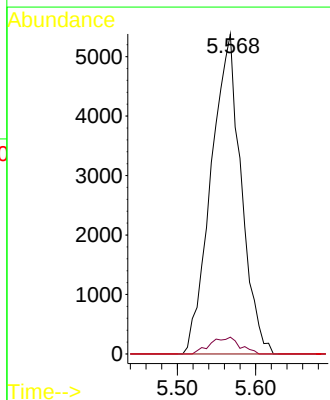
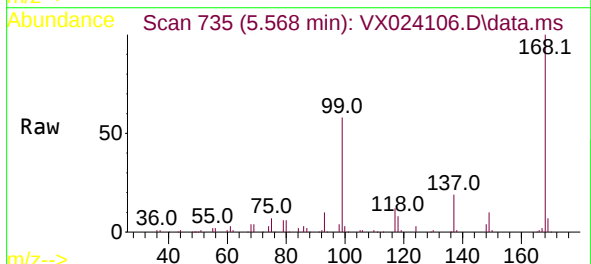
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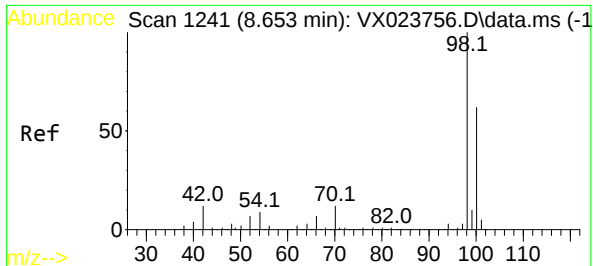
Tgt Ion: 75 Resp: 10722
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.495 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Tgt Ion: 117 Resp: 14343
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

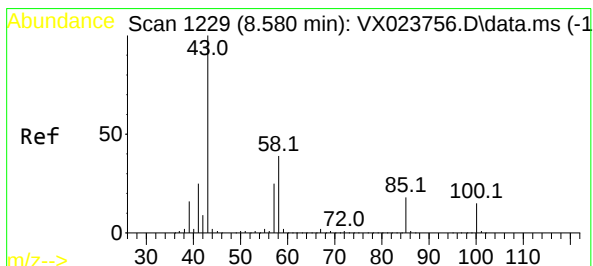
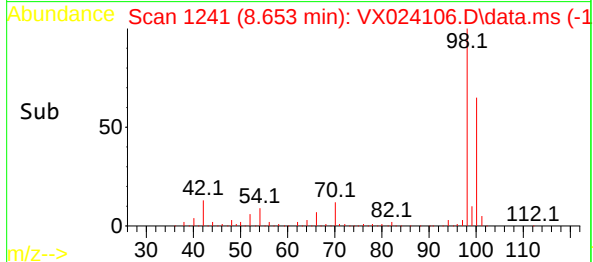
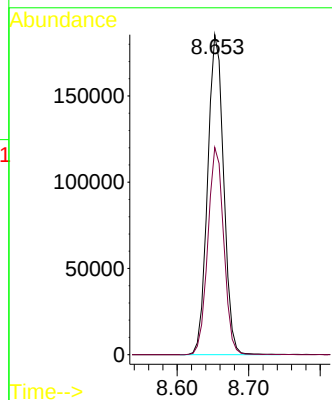
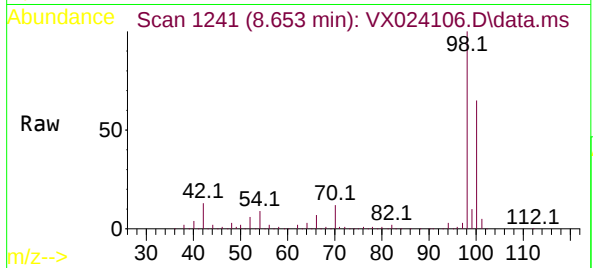




#50
Toluene-d8
Concen: 50.117 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

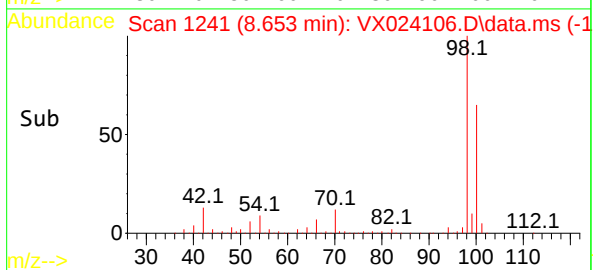
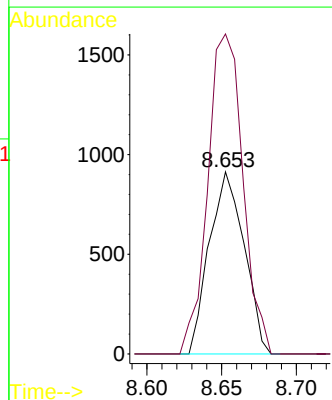
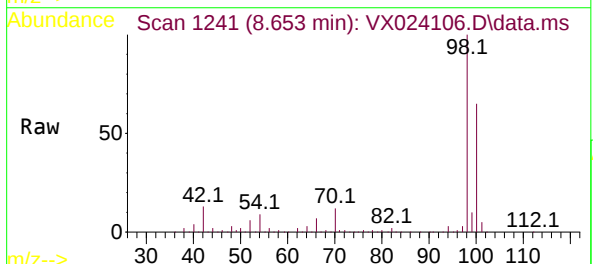
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

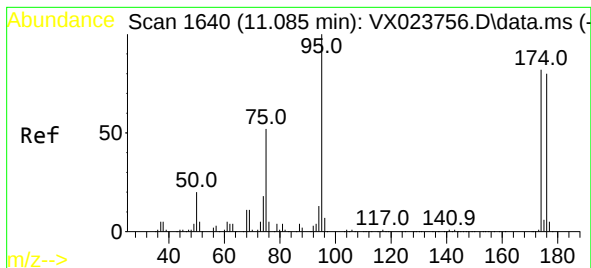
Tgt Ion: 98 Resp: 288696
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 176.9 35.4 53.0#

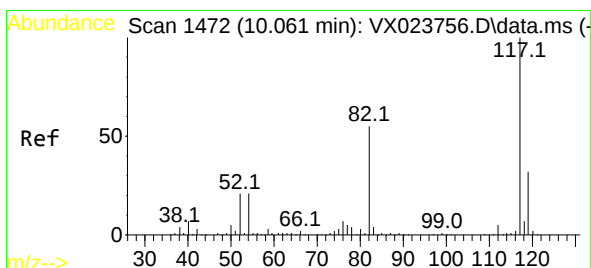
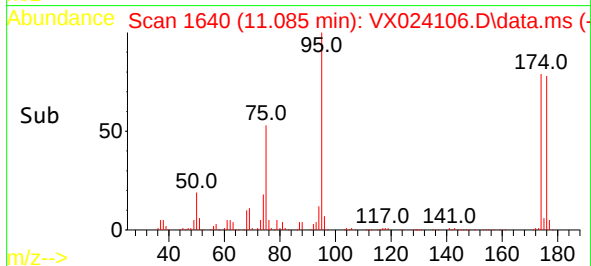
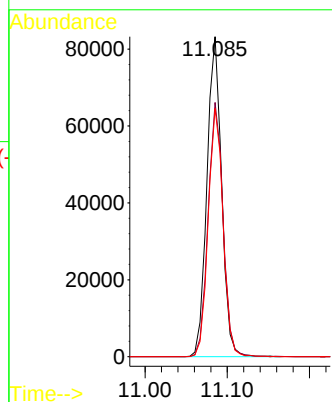
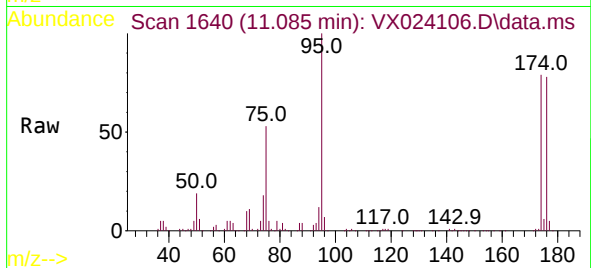




#62
4-Bromofluorobenzene
Concen: 48.624 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

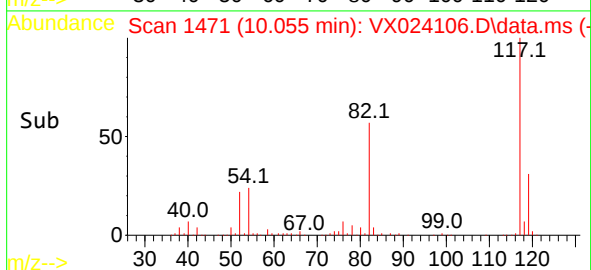
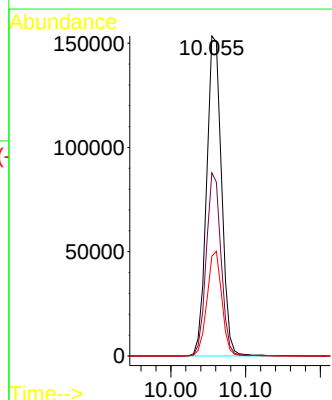
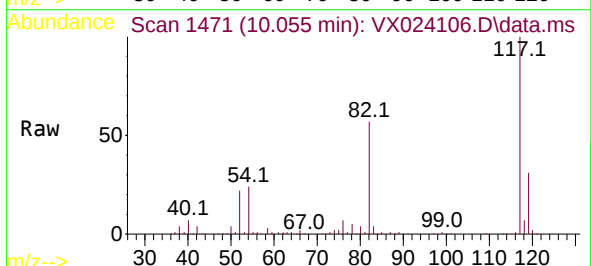
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

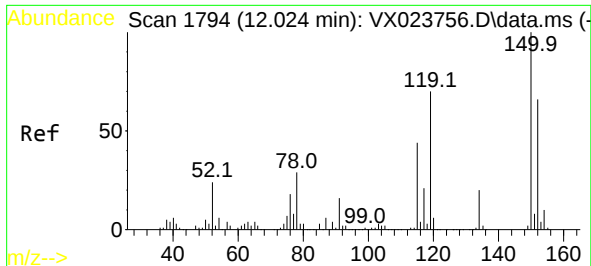
Tgt Ion: 95 Resp: 103110
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 78.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Tgt Ion: 117 Resp: 213364
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.2 26.6 39.8

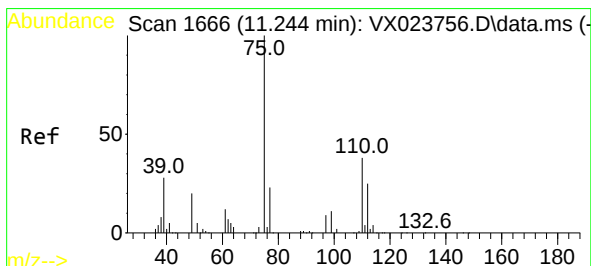
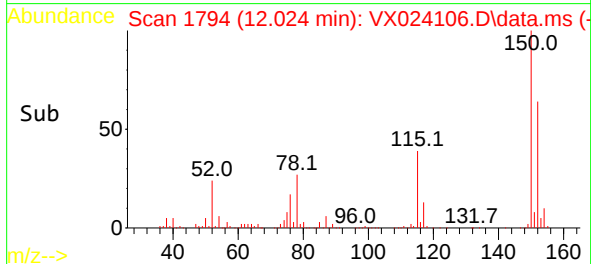
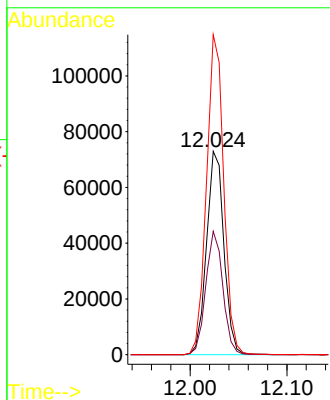
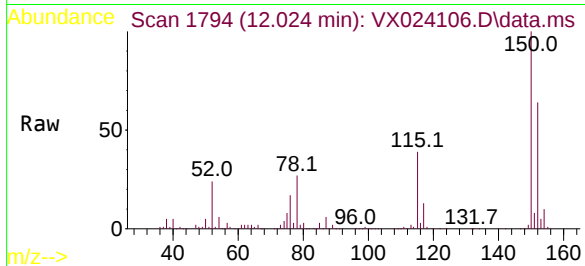




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

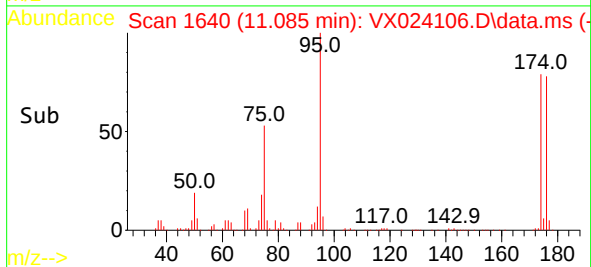
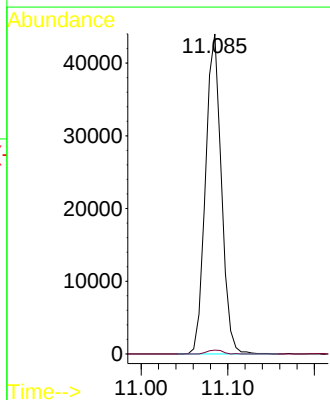
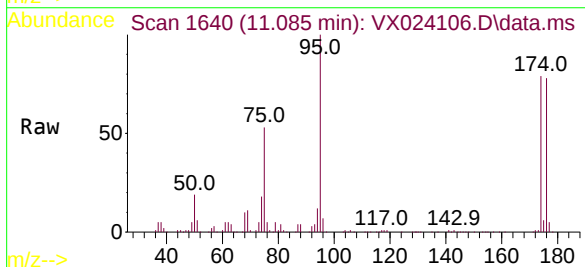
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

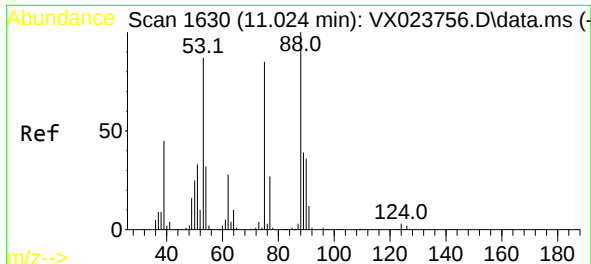
Tgt Ion:152 Resp: 91139
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 155.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.308 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Tgt Ion: 75 Resp: 55932
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

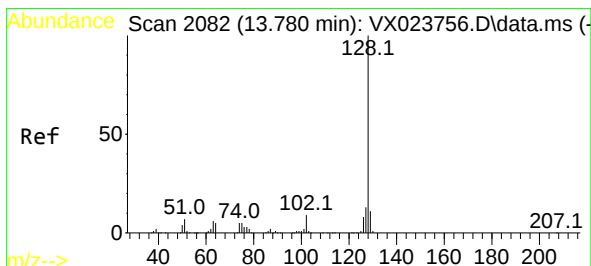
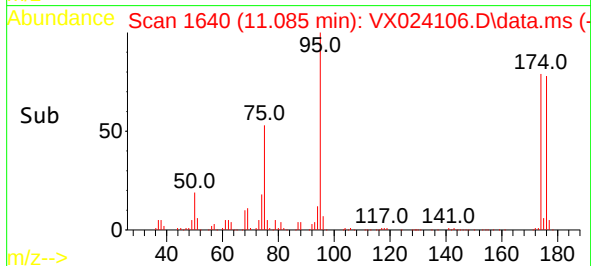
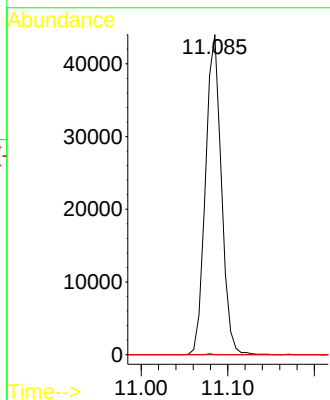
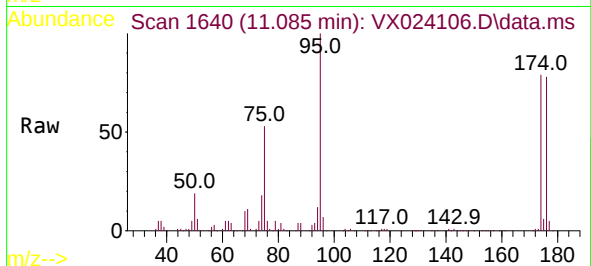




#81
trans-1,4-Dichloro-2-butene
Concen: 77.387 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 55932
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.303 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024106.D
Acq: 03 Sep 2021 16:40

Tgt Ion: 128 Resp: 144
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

