

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024353.D
 Acq On : 20 Sep 2021 16:05
 Operator : JC/MD
 Sample : M3817-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-02-(0.3)

Quant Time: Sep 21 08:41:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

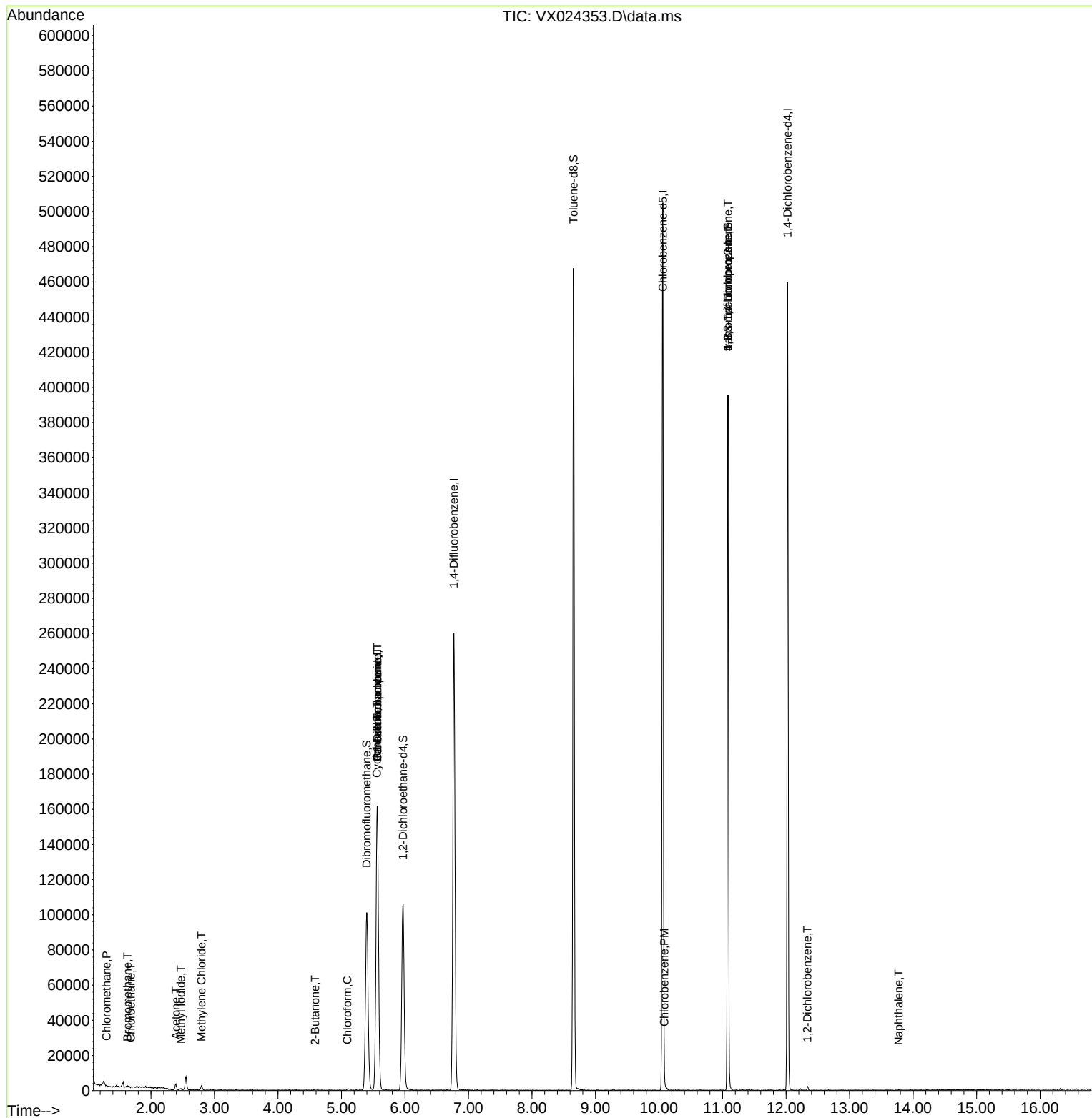
Internal Standards						
1) Pentafluorobenzene	5.562	168	148053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	259953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	224289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	107799	51.061	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.120%			
35) Dibromofluoromethane	5.397	113	86923	49.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.720%			
50) Toluene-d8	8.652	98	269559	42.444	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 84.880%#			
62) 4-Bromofluorobenzene	11.085	95	96111	38.886	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 77.780%#			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	523	0.352	ug/l	94
5) Bromomethane	1.629	94	457	0.519	ug/l	95
6) Chloroethane	1.684	64	192	2.155	ug/l #	43
10) Methyl Iodide	2.471	142	948	0.470	ug/l #	95
11) Tert butyl alcohol	2.958	59	229	Below Cal	#	73
16) Acetone	2.391	43	3465	3.849	ug/l #	84
20) Methylene Chloride	2.794	84	1227	0.710	ug/l #	84
25) 2-Butanone	4.586	43	596	0.450	ug/l #	45
30) Chloroform	5.092	83	1065	0.350	ug/l	88
31) Cyclohexane	5.555	56	3106	1.258	ug/l #	3
36) 1,1-Dichloropropene	5.562	75	12074	5.052	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15793	5.871	ug/l #	15
65) Chlorobenzene	10.085	112	1178	0.255	ug/l	99
76) 1,2,3-Trichloropropane	11.085	75	54022	26.074	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54022	76.683	ug/l #	12
91) 1,2-Dichlorobenzene	12.335	146	737	0.249	ug/l	93
95) Naphthalene	13.774	128	237	1.323	ug/l #	69

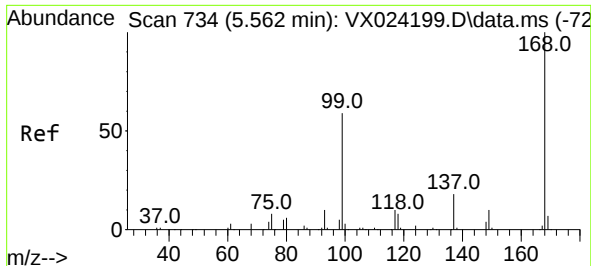
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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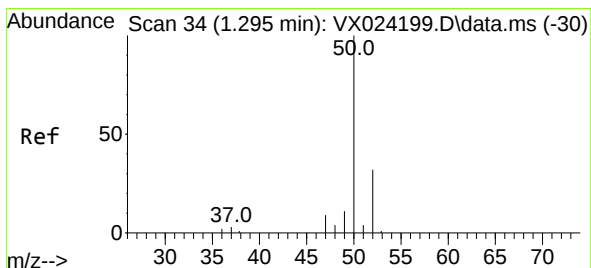
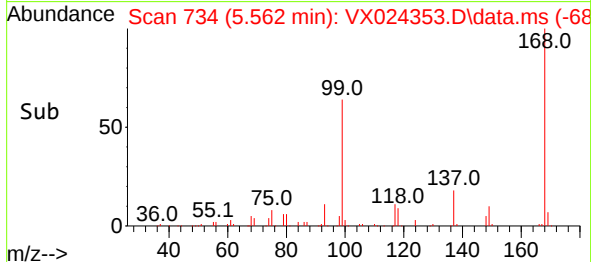
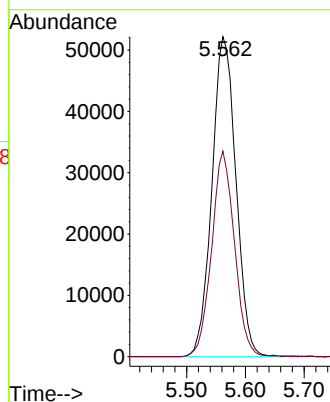
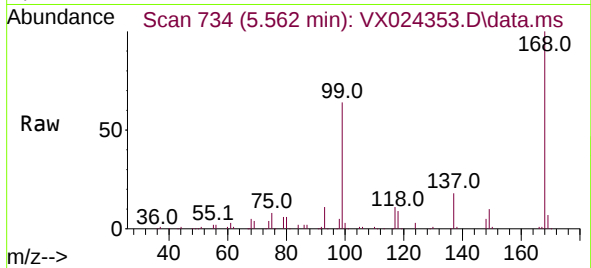




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

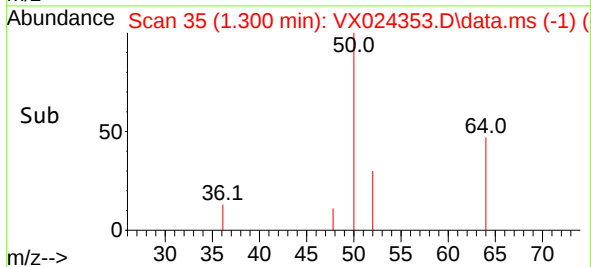
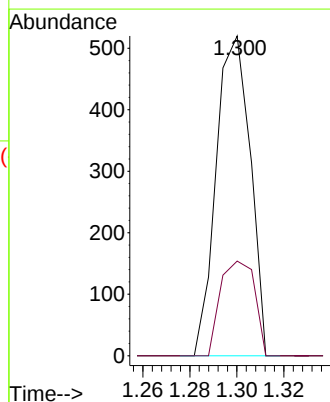
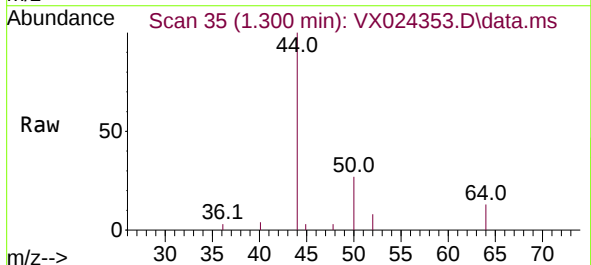
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

Tgt Ion:168 Resp: 148053
Ion Ratio Lower Upper
168 100
99 64.2 45.8 68.6



#3
Chloromethane
Concen: 0.352 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Tgt Ion: 50 Resp: 523
Ion Ratio Lower Upper
50 100
52 29.6 26.4 39.6

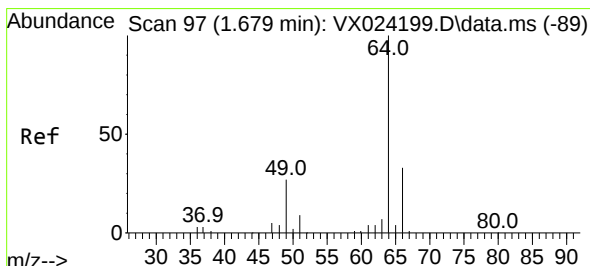
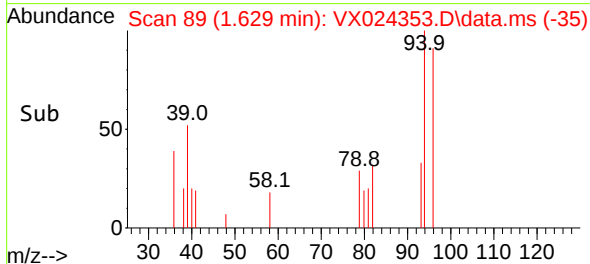
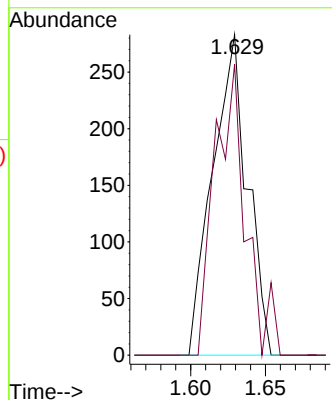
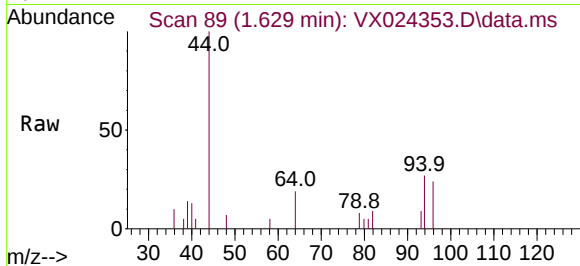




#5
Bromomethane
Concen: 0.519 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.030 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

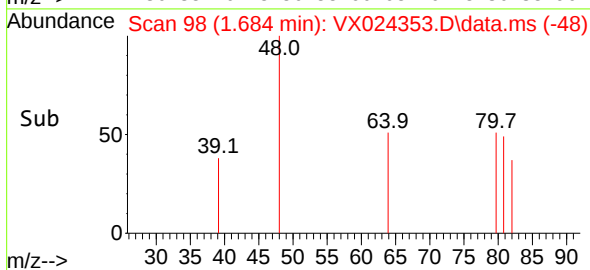
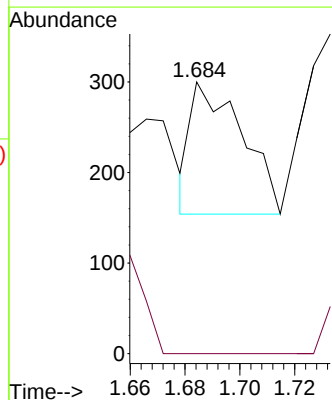
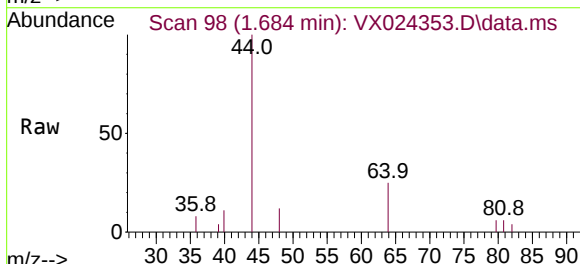
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

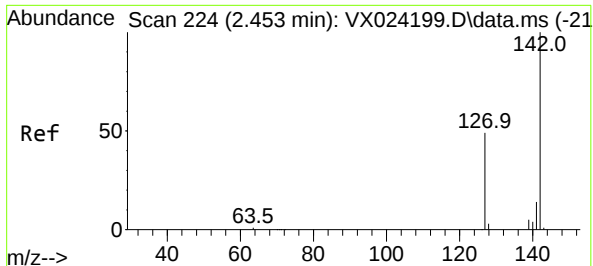
Tgt Ion: 94 Resp: 457
Ion Ratio Lower Upper
94 100
96 90.8 76.4 114.6



#6
Chloroethane
Concen: 2.155 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Tgt Ion: 64 Resp: 192
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

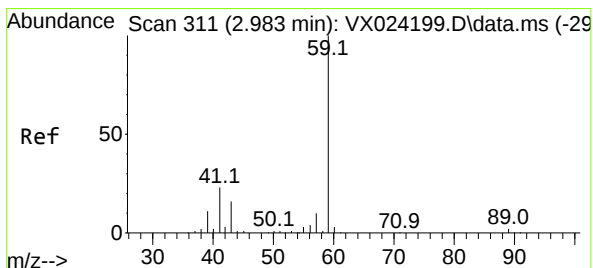
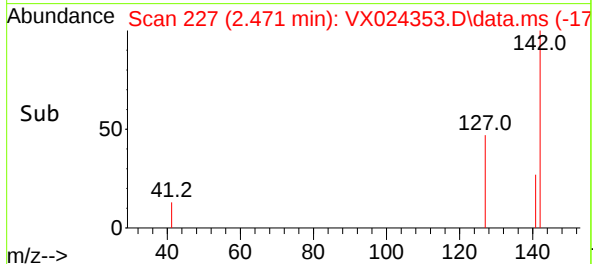
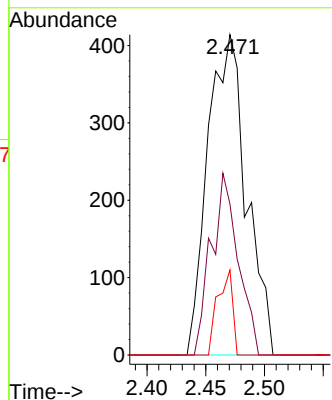
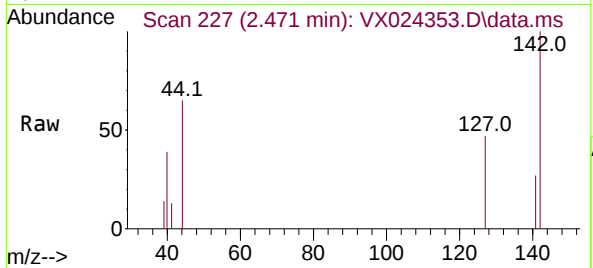




#10
Methyl Iodide
Concen: 0.470 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

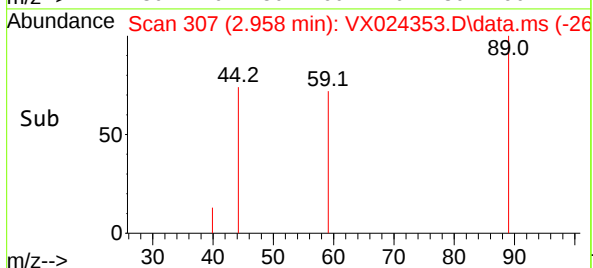
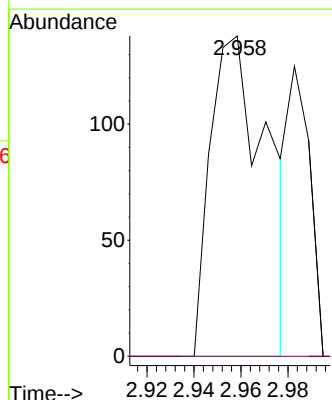
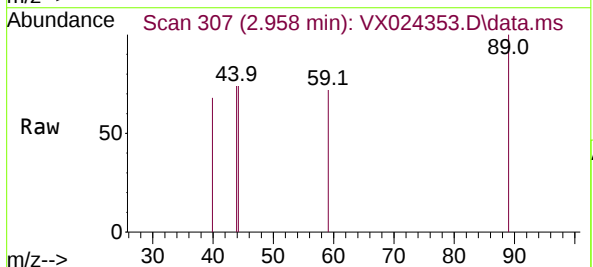
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

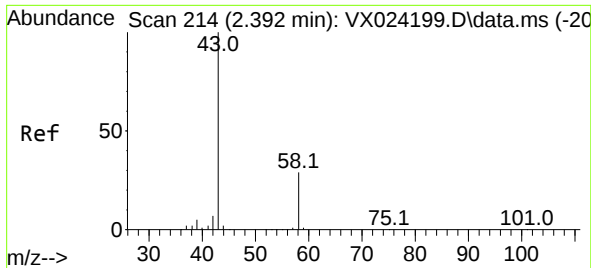
Tgt Ion:142 Resp: 948
Ion Ratio Lower Upper
142 100
127 39.7 33.3 49.9
141 10.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.958 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

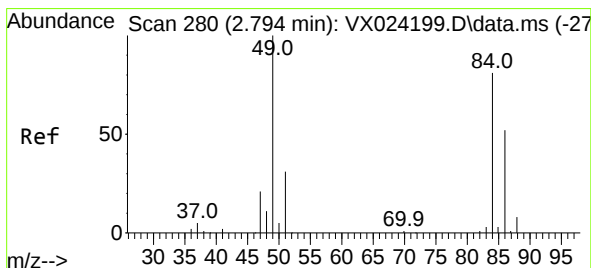
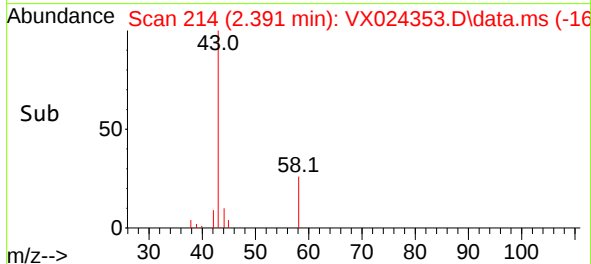
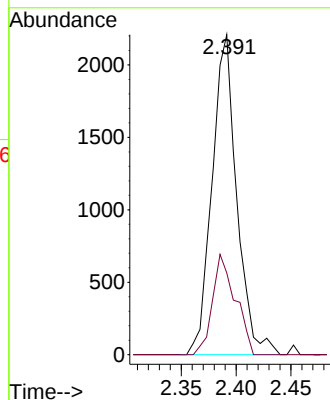
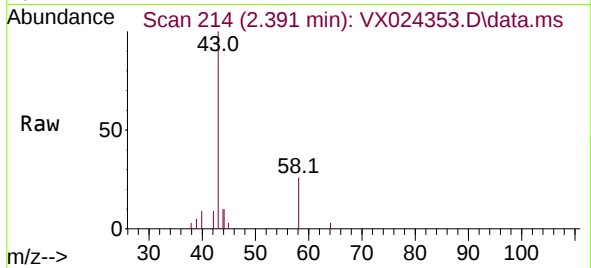




#16
Acetone
Concen: 3.849 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

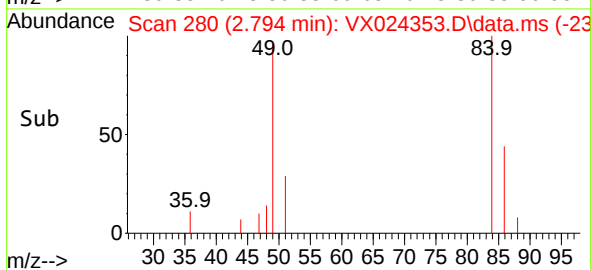
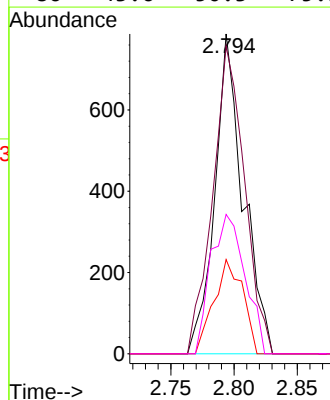
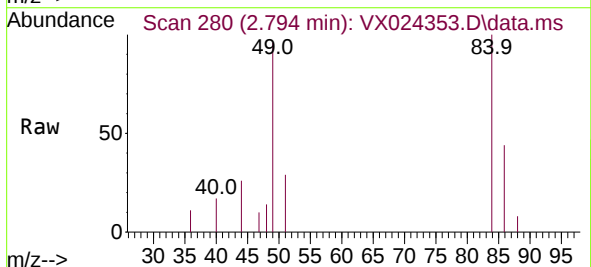
Instrument :
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ClientSampleId :
SW-CB-02-(0.3)

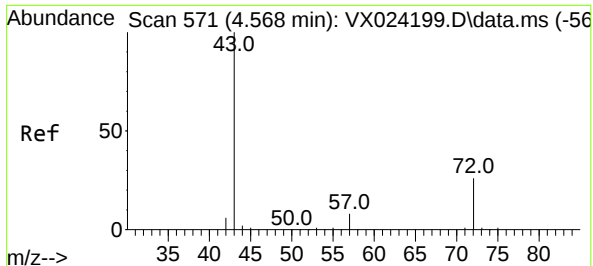
Tgt Ion: 43 Resp: 3465
Ion Ratio Lower Upper
43 100
58 25.6 27.8 41.8#



#20
Methylene Chloride
Concen: 0.710 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Tgt Ion: 84 Resp: 1227
Ion Ratio Lower Upper
84 100
49 96.2 88.6 132.8
51 29.5 27.0 40.6
86 43.6 50.3 75.5#

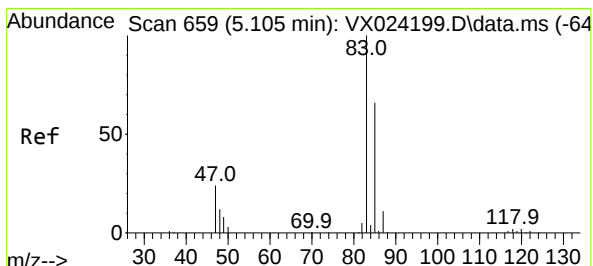
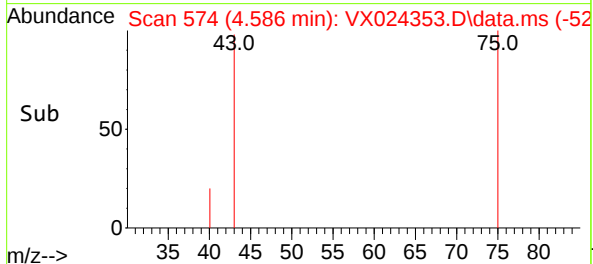
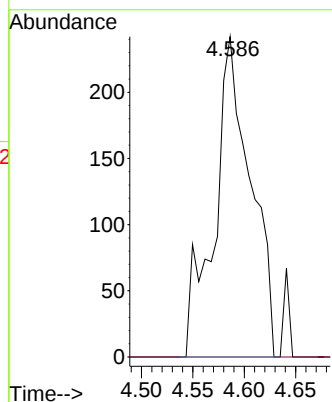
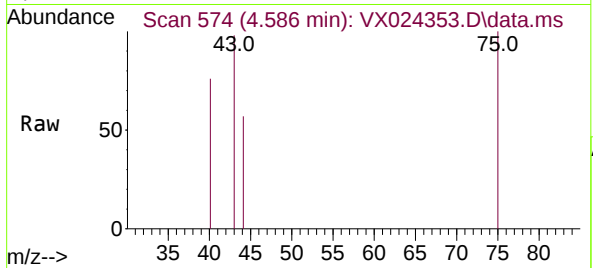




#25
2-Butanone
Concen: 0.450 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

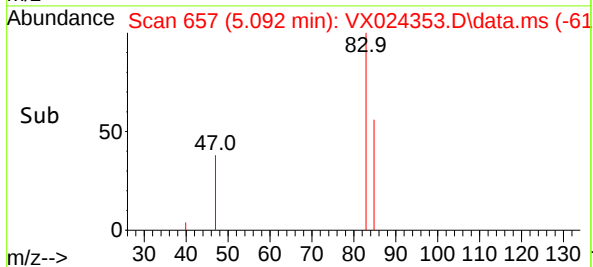
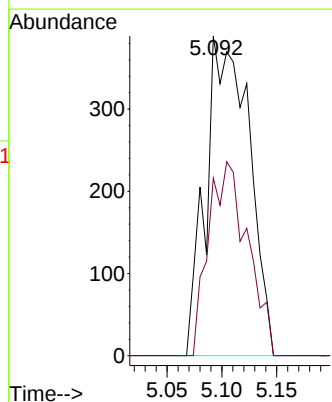
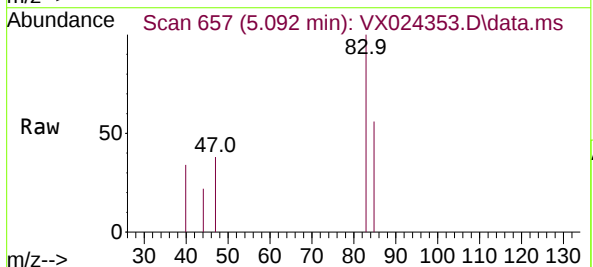
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ClientSampleId :
SW-CB-02-(0.3)

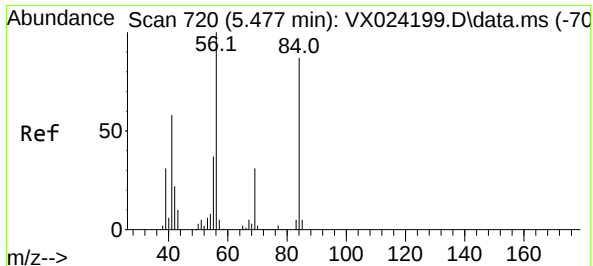
Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#30
Chloroform
Concen: 0.350 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.013 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Tgt Ion: 83 Resp: 1065
Ion Ratio Lower Upper
83 100
85 55.5 52.0 78.0

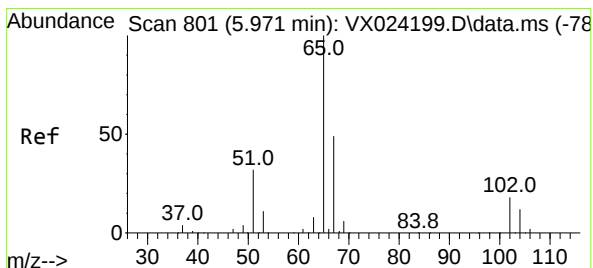
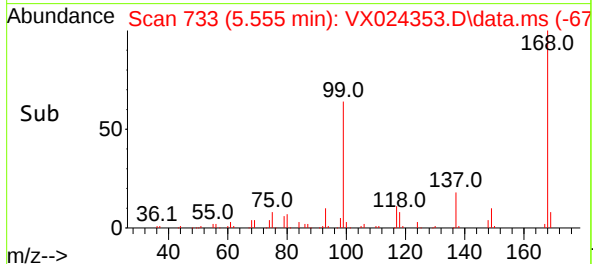
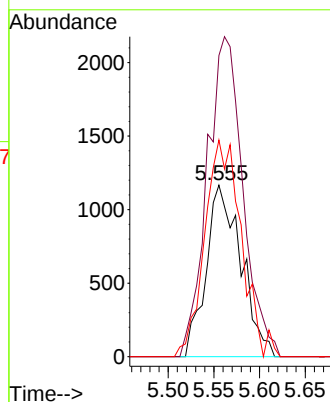
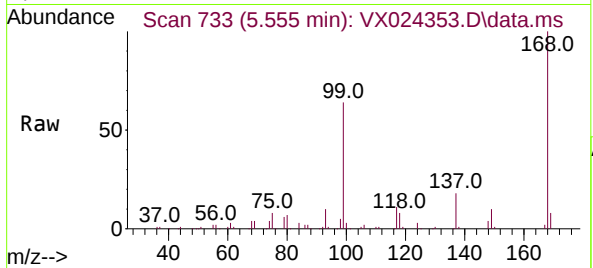




#31
Cyclohexane
Concen: 1.258 ug/l
RT: 5.555 min Scan# 733
Delta R.T. 0.078 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

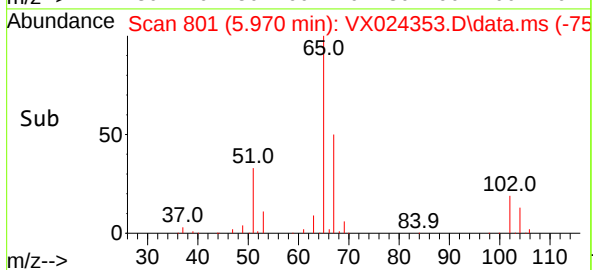
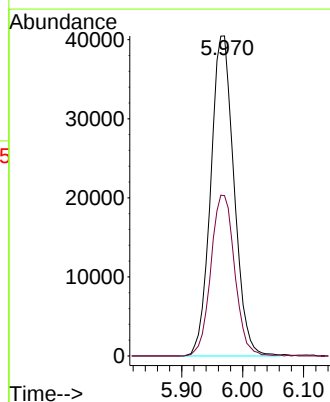
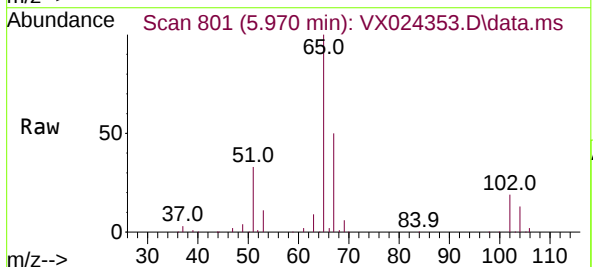
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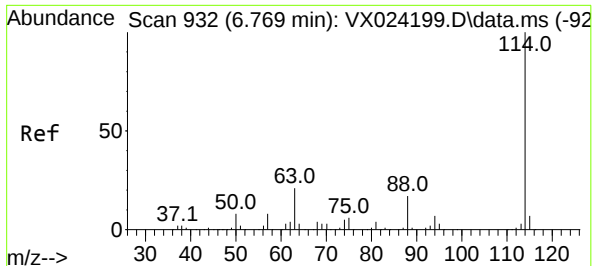
Tgt Ion: 56 Resp: 3106
Ion Ratio Lower Upper
56 100
69 175.5 25.3 37.9#
84 126.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.061 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.001 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Tgt Ion: 65 Resp: 107799
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

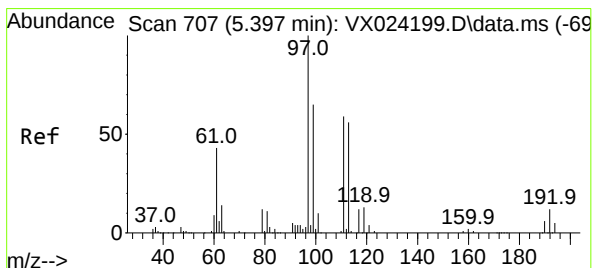
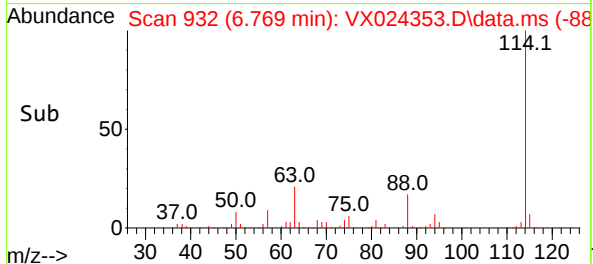
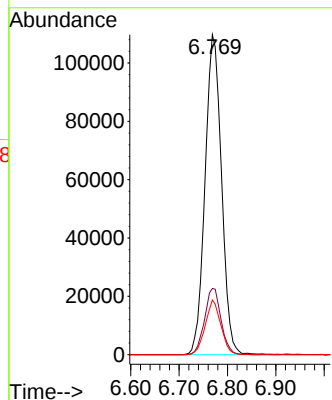
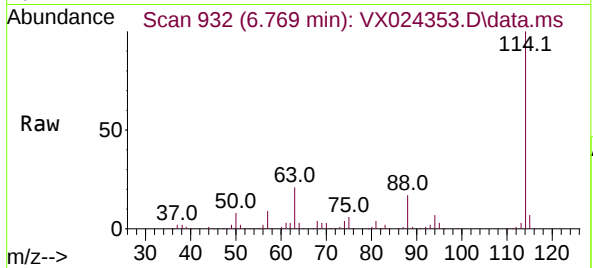




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

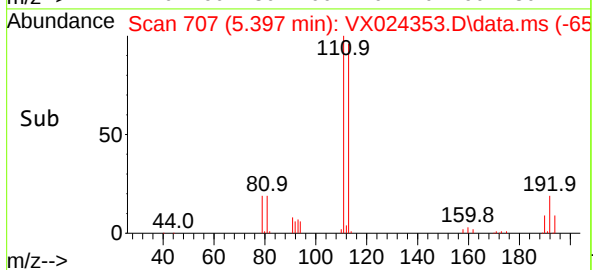
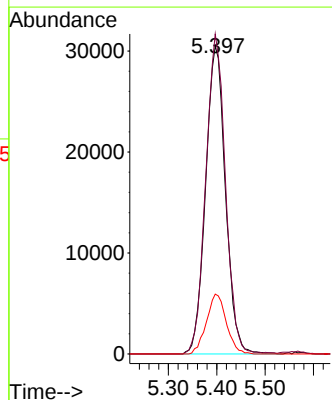
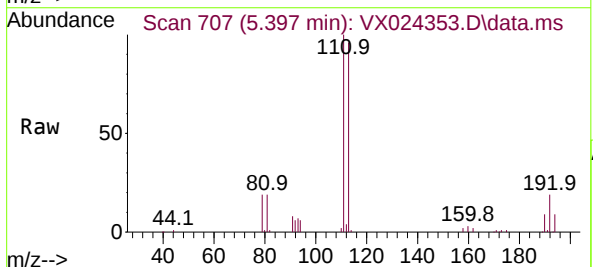
Instrument :
MSVOA_X
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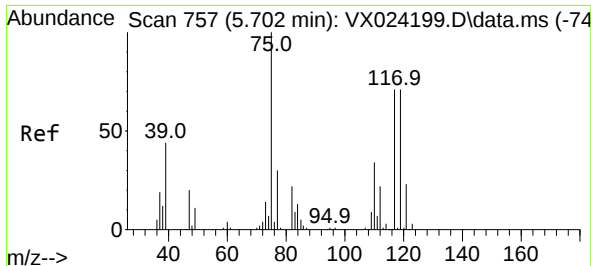
Tgt Ion:114 Resp: 259953
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.860 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Tgt Ion:113 Resp: 86923
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.5 16.7 25.1

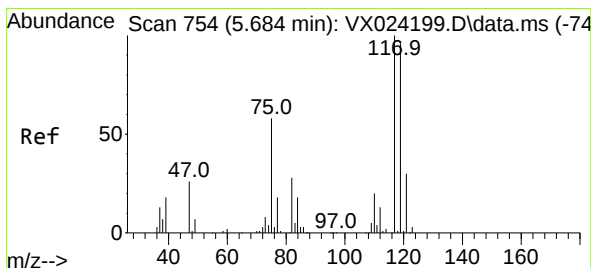
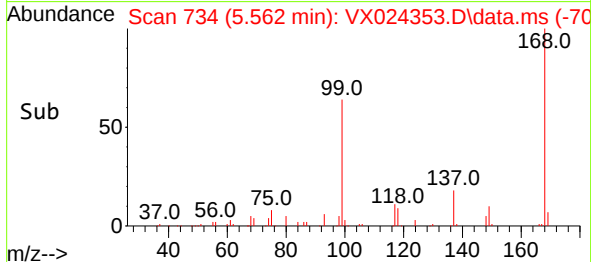
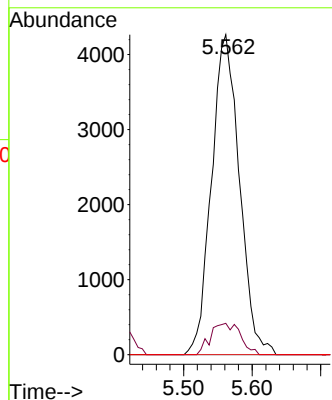
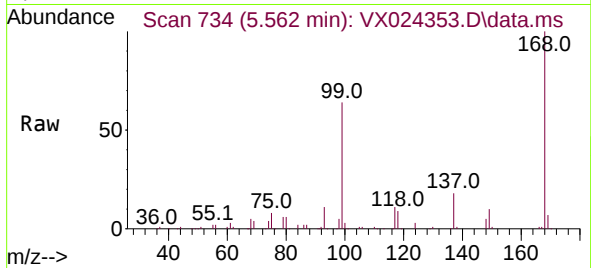




#36
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

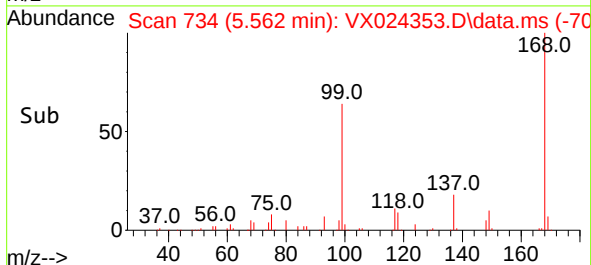
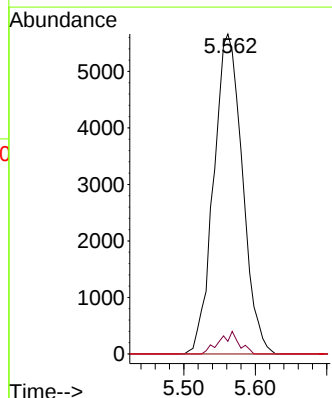
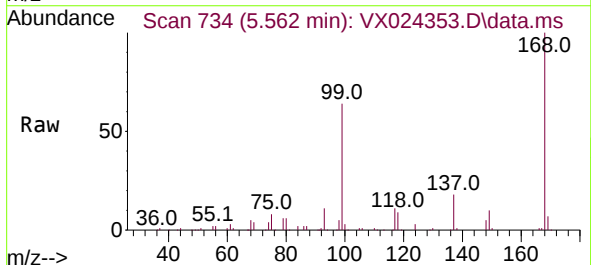
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

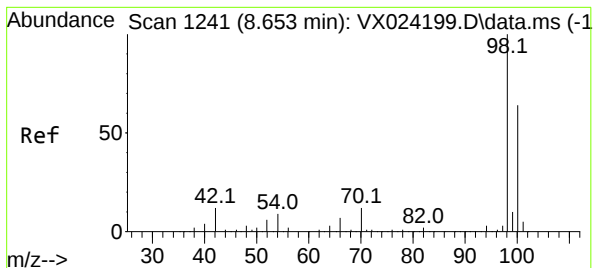
Tgt Ion: 75 Resp: 12074
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.871 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Tgt Ion: 117 Resp: 15793
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

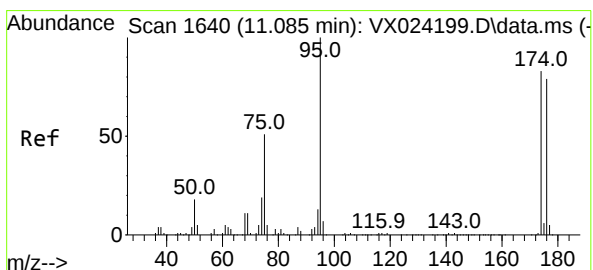
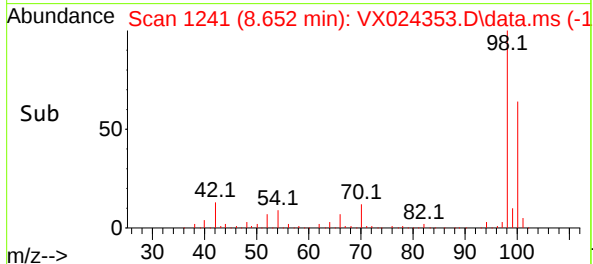
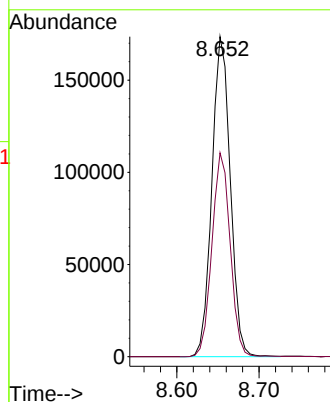
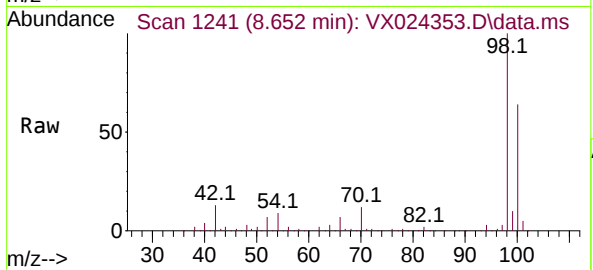




#50
Toluene-d8
Concen: 42.444 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

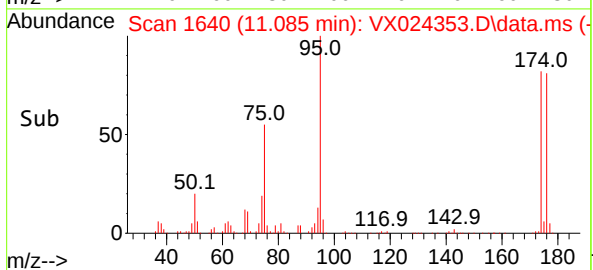
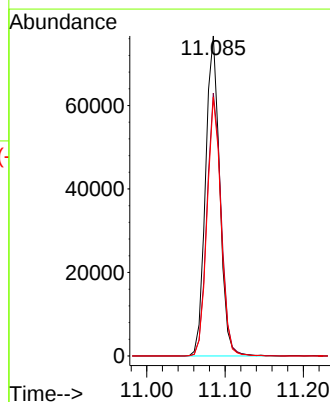
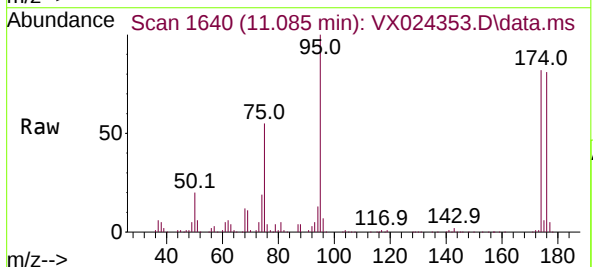
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

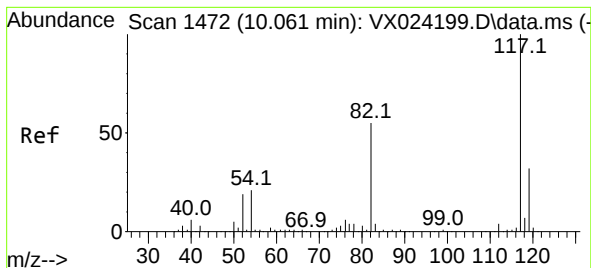
Tgt Ion: 98 Resp: 269559
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 38.886 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Tgt Ion: 95 Resp: 96111
Ion Ratio Lower Upper
95 100
174 82.7 0.0 154.6
176 79.4 0.0 155.8

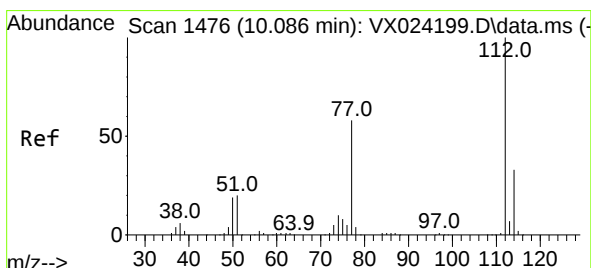
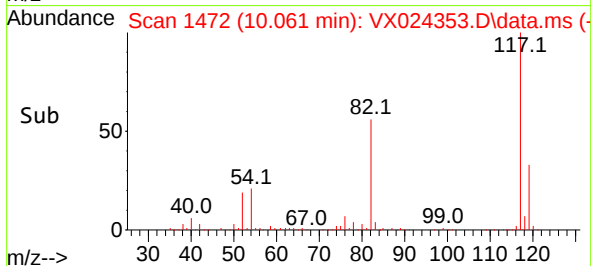
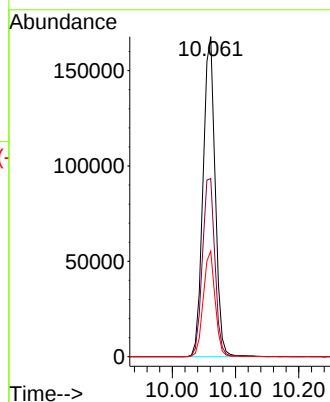
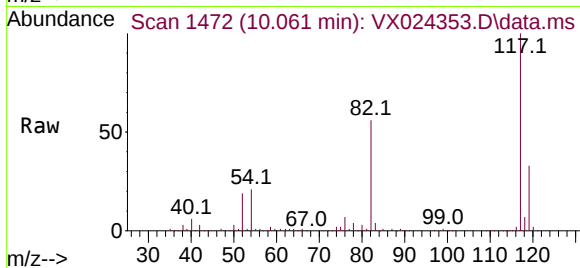




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

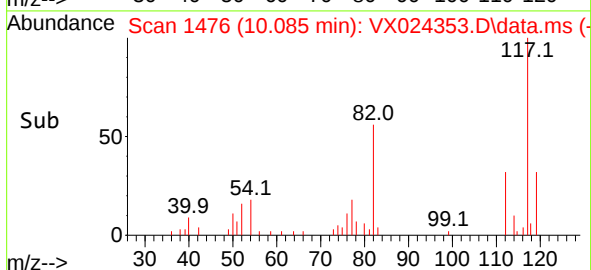
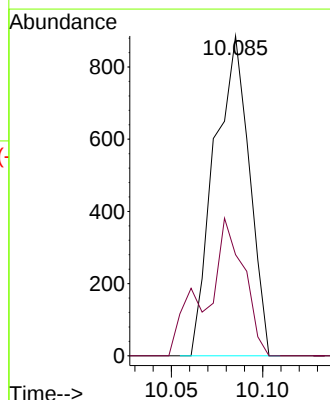
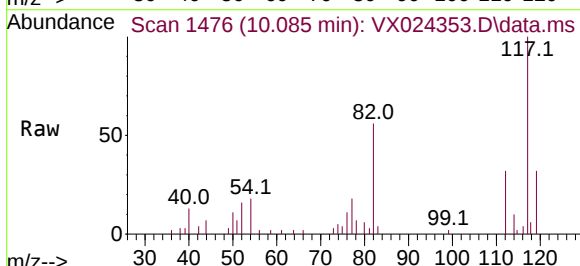
Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

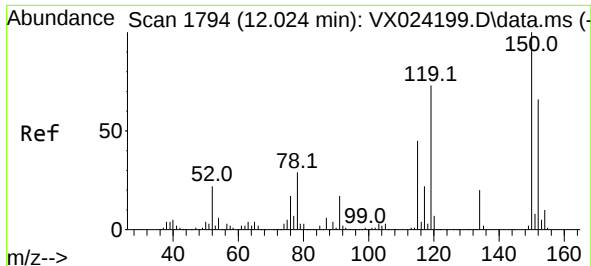
Tgt Ion:117 Resp: 224289
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 33.0 26.6 39.8



#65
Chlorobenzene
Concen: 0.255 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Tgt Ion:112 Resp: 1178
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

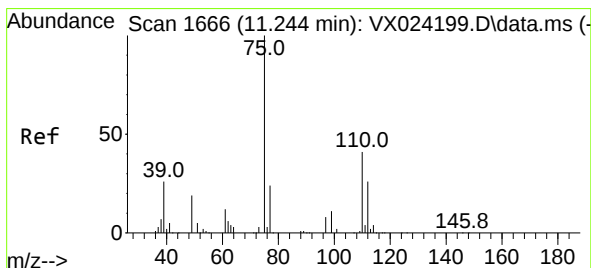
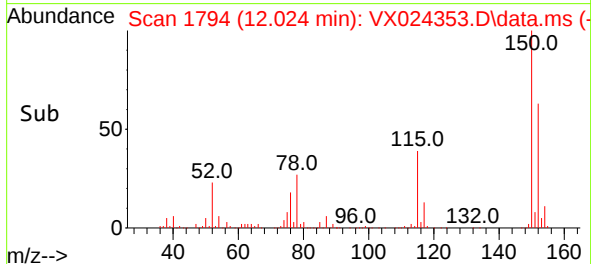
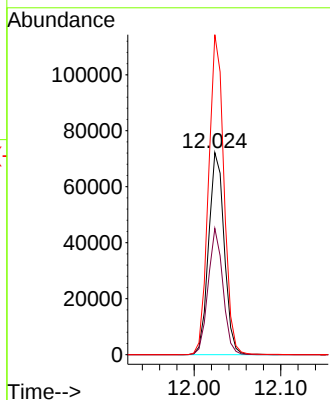
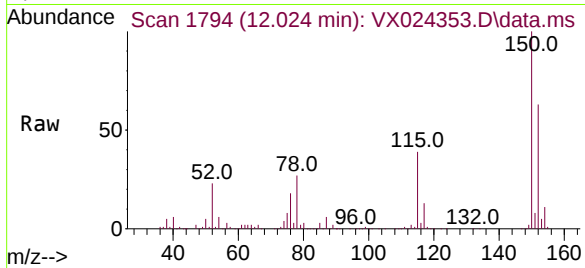




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX024353.D
 Acq: 20 Sep 2021 16:05

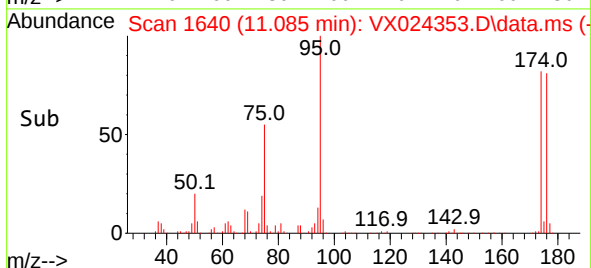
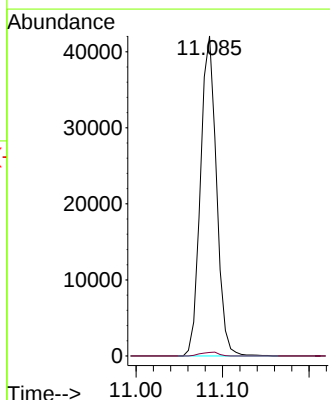
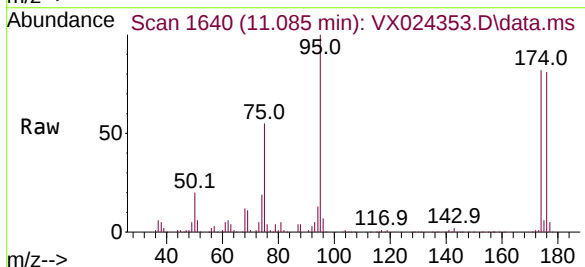
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-02-(0.3)

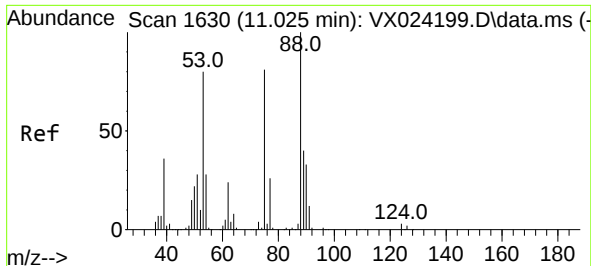
Tgt Ion:152 Resp: 90106
 Ion Ratio Lower Upper
 152 100
 115 59.3 41.1 123.3
 150 155.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.074 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024353.D
 Acq: 20 Sep 2021 16:05

Tgt Ion: 75 Resp: 54022
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

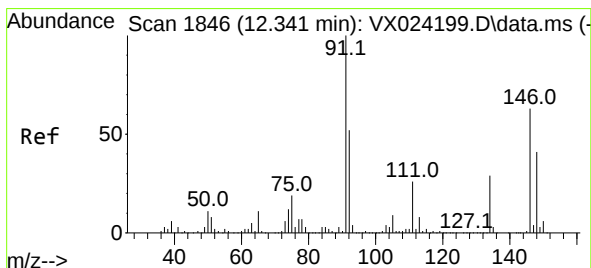
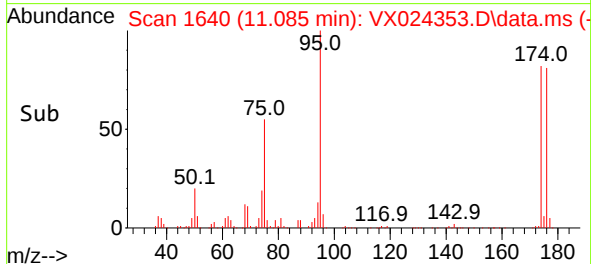
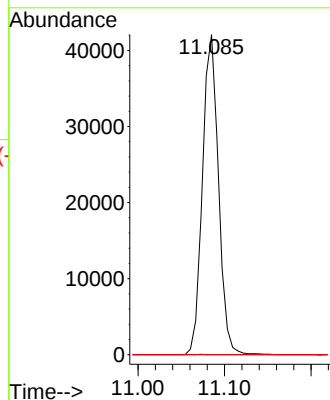
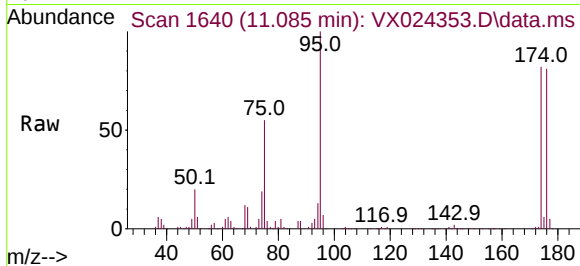




#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.683 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX024353.D
 Acq: 20 Sep 2021 16:05

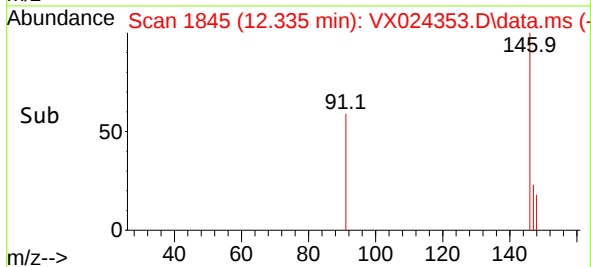
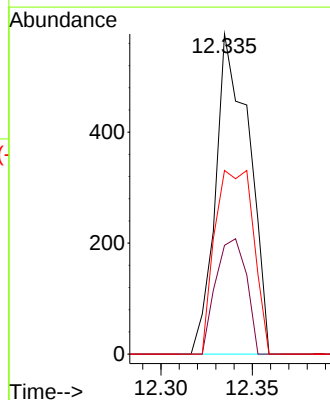
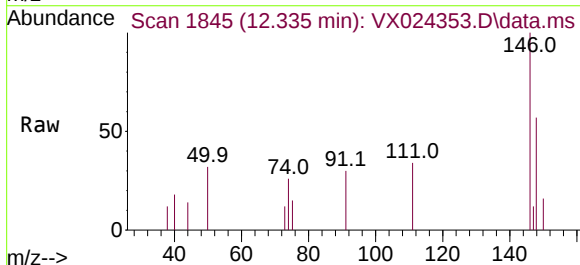
Instrument :
 MSVOA_X
 ClientSampleId :
 SW-CB-02-(0.3)

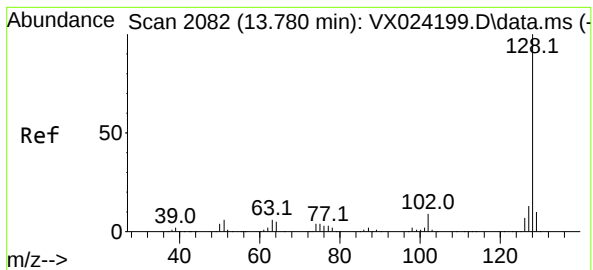
Tgt Ion: 75 Resp: 54022
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#



#91
 1,2-Dichlorobenzene
 Concen: 0.249 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.006 min
 Lab File: VX024353.D
 Acq: 20 Sep 2021 16:05

Tgt Ion:146 Resp: 737
 Ion Ratio Lower Upper
 146 100
 111 32.8 20.8 62.2
 148 65.9 31.9 95.5





#95
Naphthalene
Concen: 1.323 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX024353.D
Acq: 20 Sep 2021 16:05

Instrument :
MSVOA_X
ClientSampleId :
SW-CB-02-(0.3)

Tgt Ion:128 Resp: 237
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

