

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082321\
 Data File : VX023911.D
 Acq On : 23 Aug 2021 20:24
 Operator : JC/MD
 Sample : M3520-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 07:16:53 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)

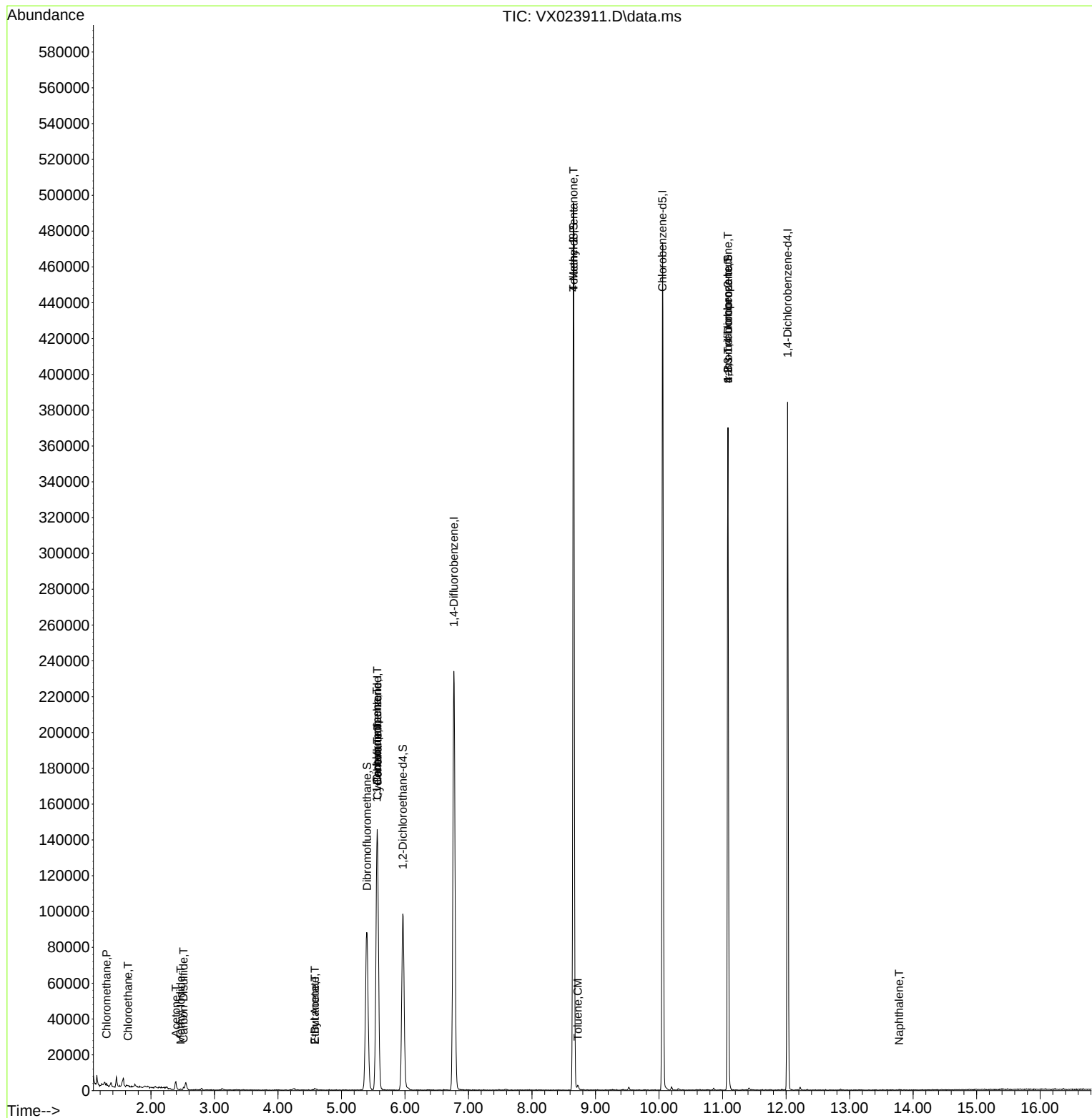
Internal Standards						
1) Pentafluorobenzene	5.562	168	136855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96114	50.320	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.640%	
35) Dibromofluoromethane	5.403	113	76965	50.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.180%	
50) Toluene-d8	8.653	98	284540	48.658	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.320%	
62) 4-Bromofluorobenzene	11.085	95	91076	42.308	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	552	0.348	ug/l #	77
6) Chloroethane	1.636	64	42	2.249	ug/l #	43
10) Methyl Iodide	2.465	142	420	0.220	ug/l #	87
16) Acetone	2.392	43	4721	5.528	ug/l	92
17) Carbon Disulfide	2.514	76	1683	0.537	ug/l #	93
25) 2-Butanone	4.580	43	1229	0.950	ug/l #	80
31) Cyclohexane	5.568	56	3206	1.306	ug/l #	52
36) 1,1-Dichloropropene	5.556	75	10927	5.083	ug/l #	49
37) Ethyl Acetate	4.580	43	1229	0.465	ug/l #	64
38) Carbon Tetrachloride	5.562	117	13663	6.095	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1370	0.513	ug/l #	1
52) Toluene	8.720	92	833	0.202	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	50340	28.490	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	50340	83.806	ug/l #	12
95) Naphthalene	13.780	128	320	1.339	ug/l #	69

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

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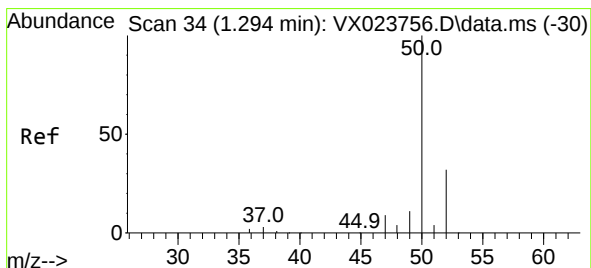
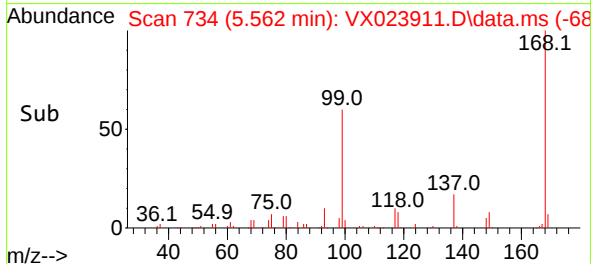
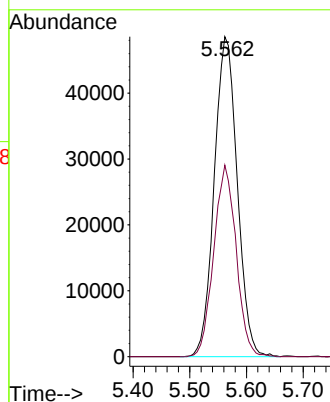
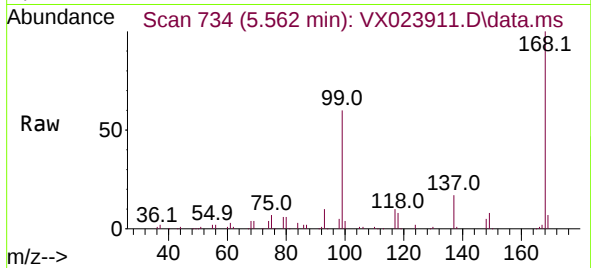




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

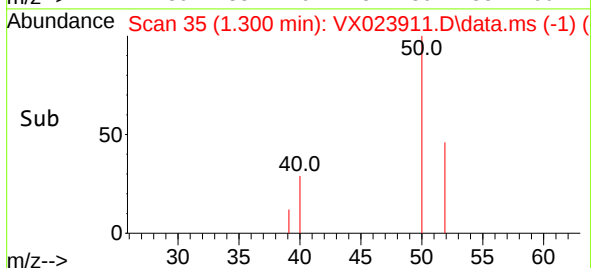
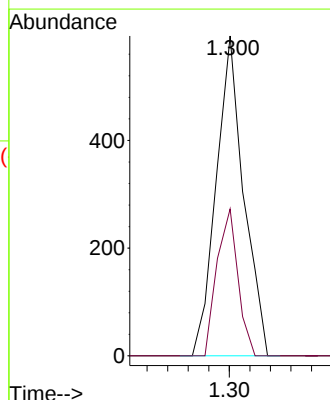
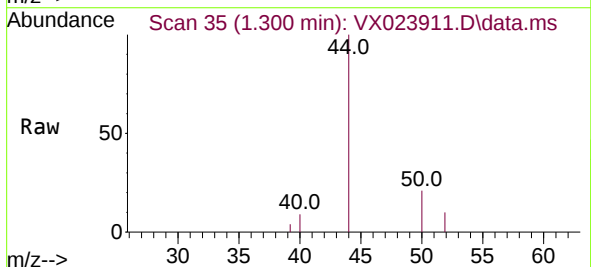
Instrument :
MSVOA_X
ClientSampled :

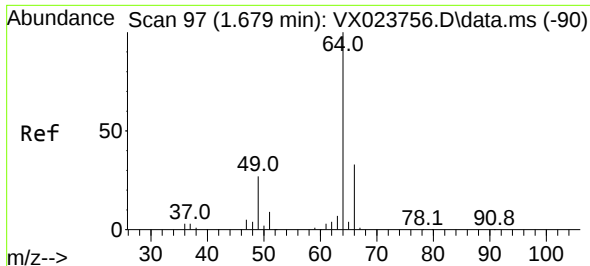
Tgt Ion:168 Resp: 136855
Ion Ratio Lower Upper
168 100
99 59.9 45.8 68.6



#3
Chloromethane
Concen: 0.348 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

Tgt Ion: 50 Resp: 552
Ion Ratio Lower Upper
50 100
52 46.0 26.4 39.6#

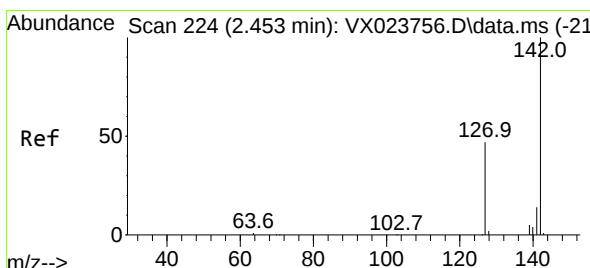
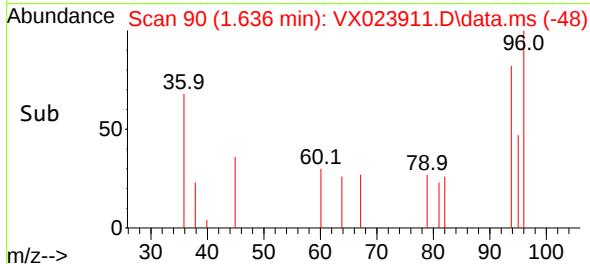
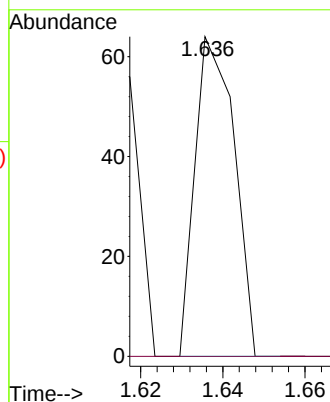
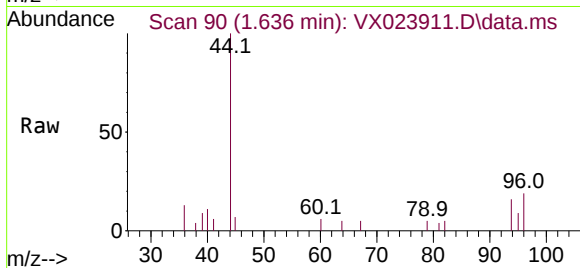




#6
Chloroethane
Concen: 2.249 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

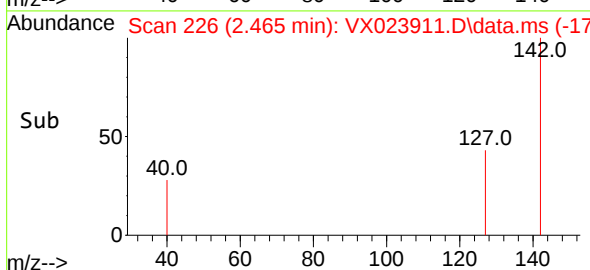
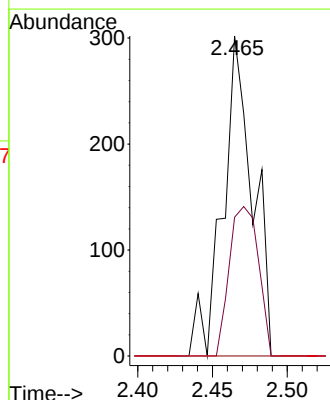
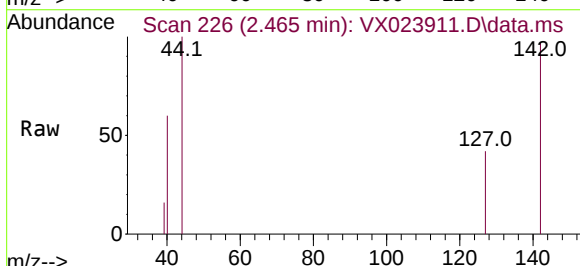
Instrument :
MSVOA_X
ClientSampled :

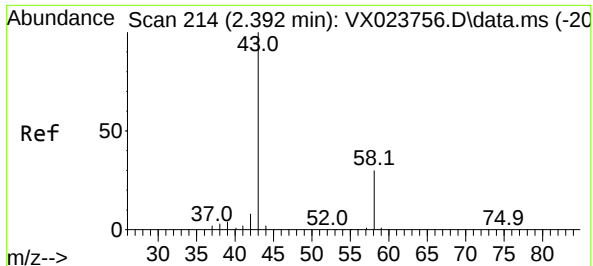
Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.220 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

Tgt Ion: 142 Resp: 420
Ion Ratio Lower Upper
142 100
127 45.5 33.3 49.9
141 0.0 11.4 17.0#

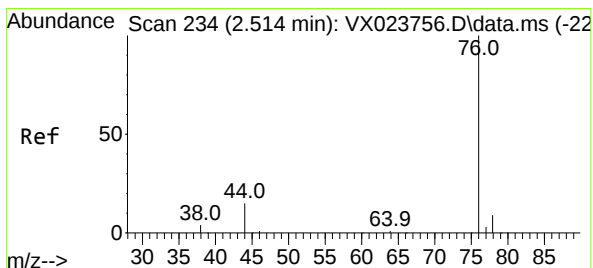
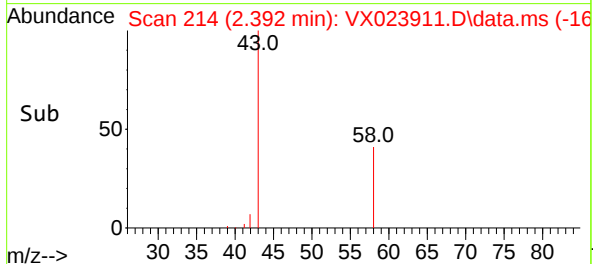
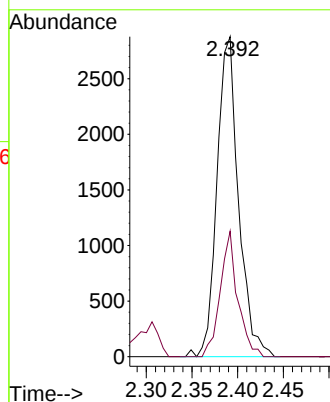
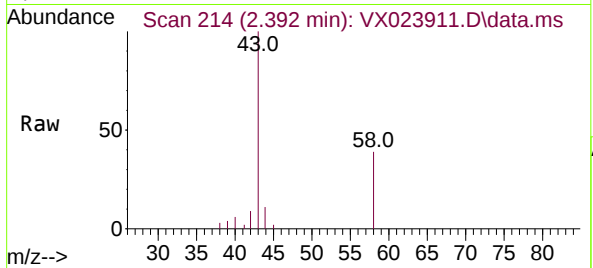




#16
Acetone
Concen: 5.528 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

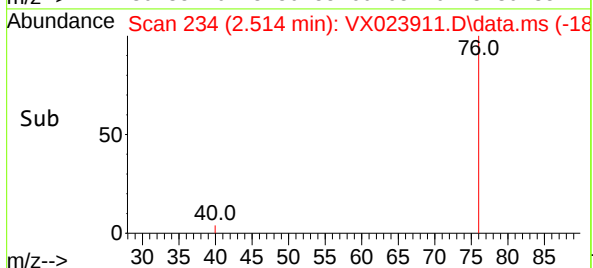
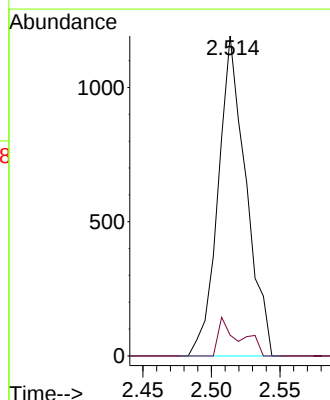
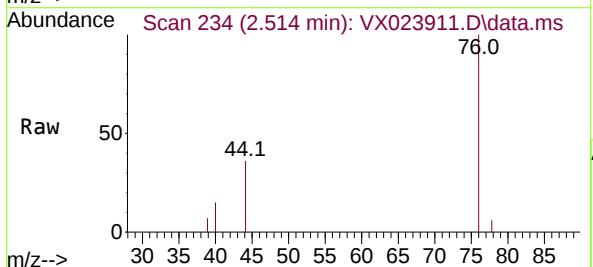
Instrument :
MSVOA_X
ClientSampled :

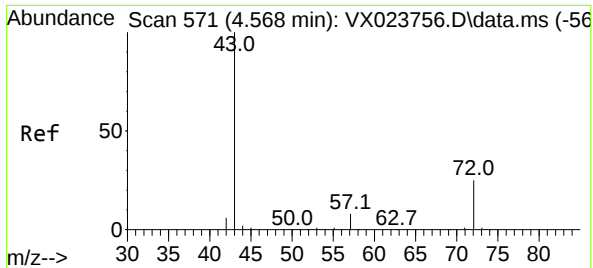
Tgt Ion: 43 Resp: 4721
Ion Ratio Lower Upper
43 100
58 39.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.537 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

Tgt Ion: 76 Resp: 1683
Ion Ratio Lower Upper
76 100
78 6.5 7.2 10.8#

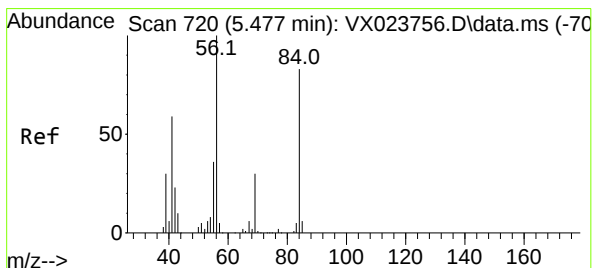
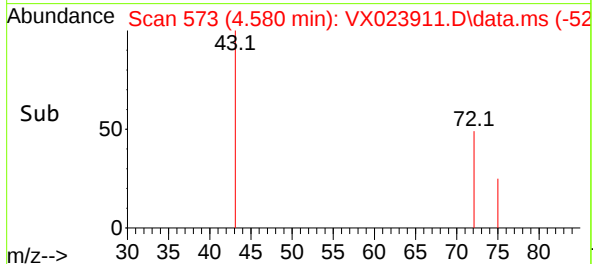
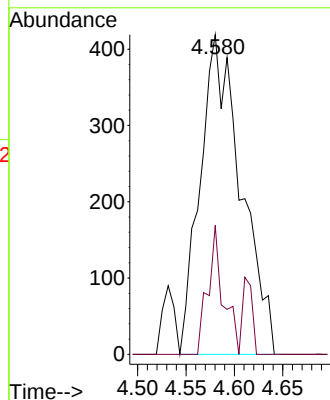
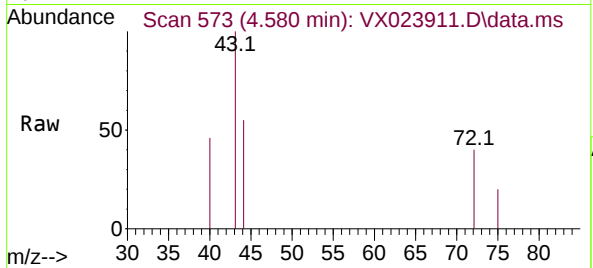




#25
2-Butanone
Concen: 0.950 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

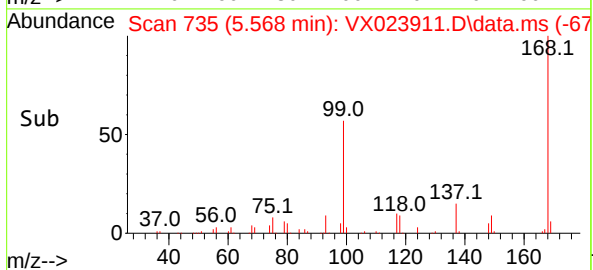
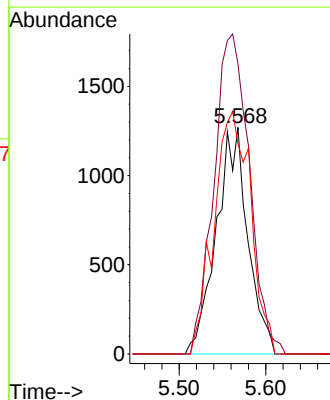
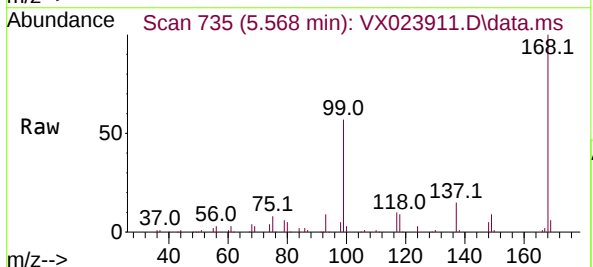
Instrument :
MSVOA_X
ClientSampleId :

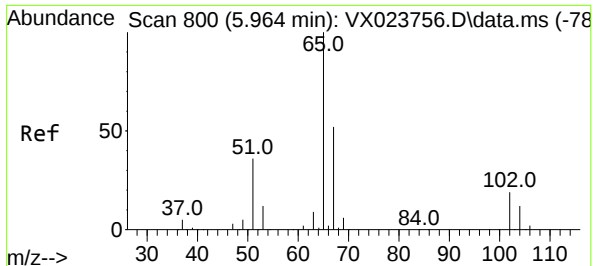
Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
72 40.3 23.7 35.5#



#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

Tgt Ion: 56 Resp: 3206
Ion Ratio Lower Upper
56 100
69 128.2 25.3 37.9#
84 92.8 71.4 107.0

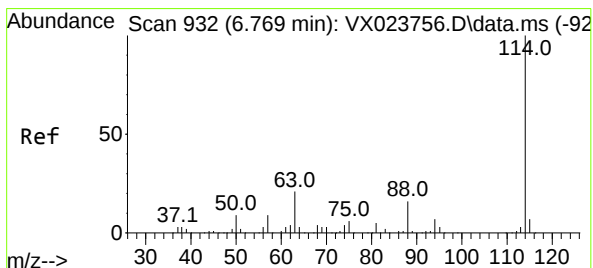
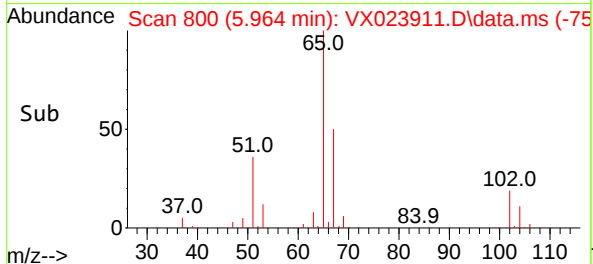
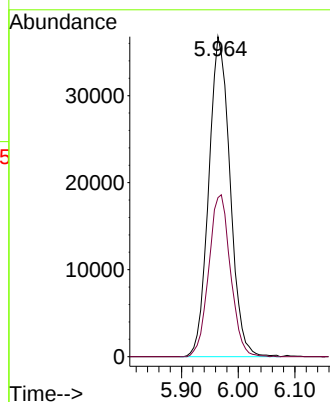
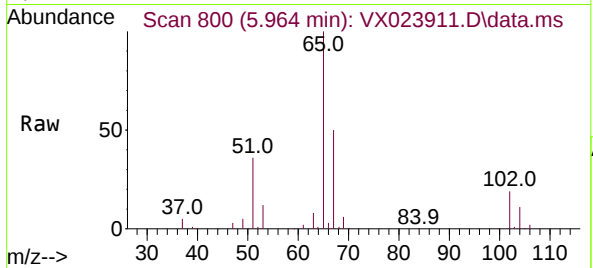




#33
 1,2-Dichloroethane-d4
 Concen: 50.320 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023911.D
 Acq: 23 Aug 2021 20:24

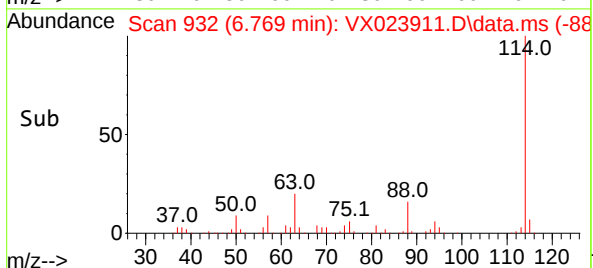
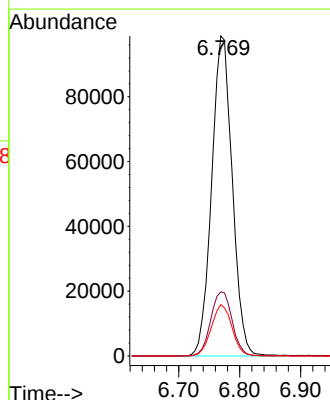
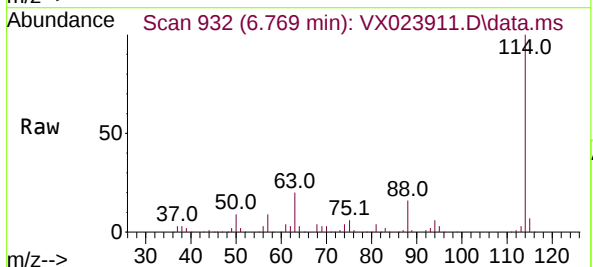
Instrument :
 MSVOA_X
 ClientSampleId :

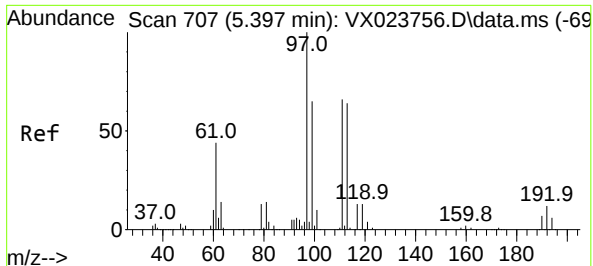
Tgt Ion: 65 Resp: 96114
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX023911.D
 Acq: 23 Aug 2021 20:24

Tgt Ion: 114 Resp: 232132
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.0 0.0 32.8

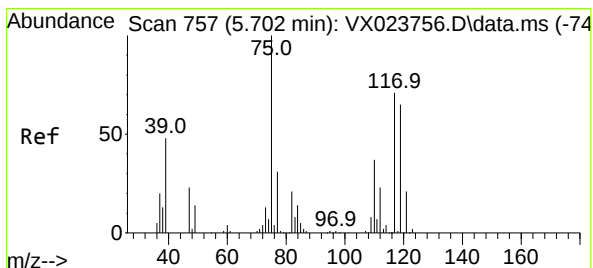
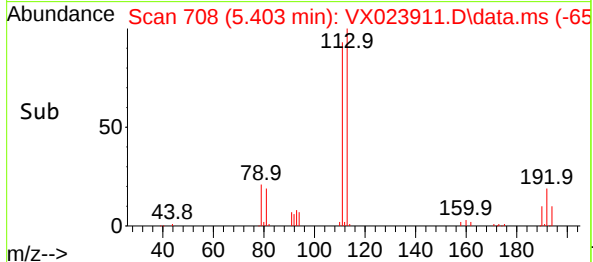
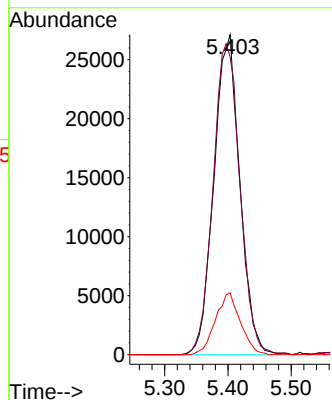
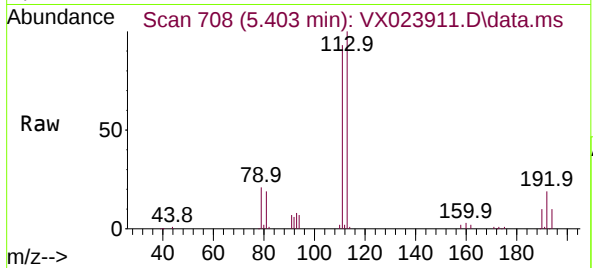




#35
Dibromofluoromethane
Concen: 50.094 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

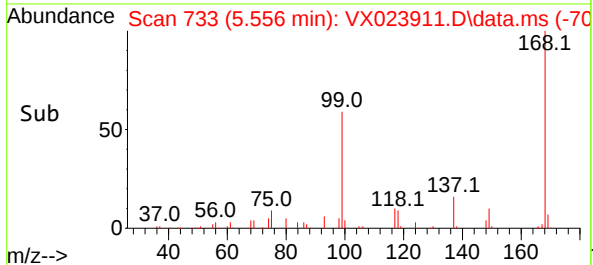
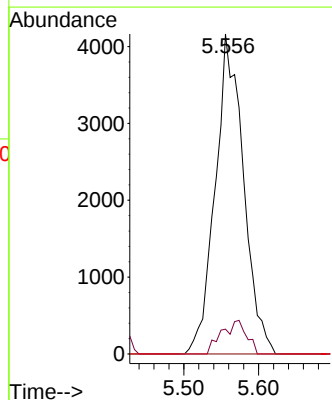
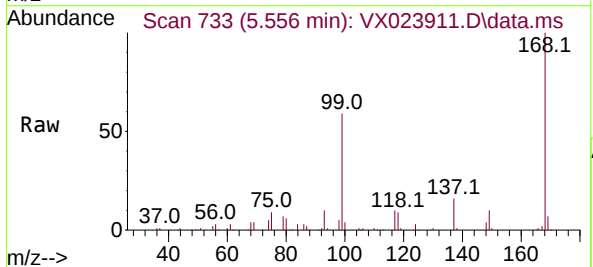
Instrument :
MSVOA_X
ClientSampleId :

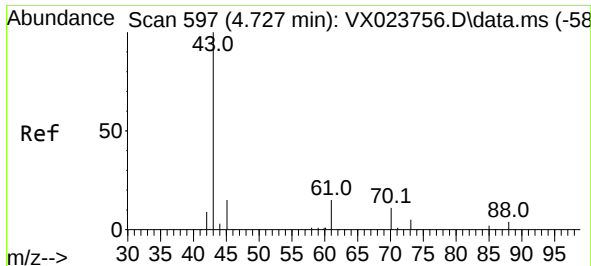
Tgt Ion:113 Resp: 76965
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 18.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.083 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

Tgt Ion: 75 Resp: 10927
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.465 ug/l

RT: 4.580 min Scan# 573

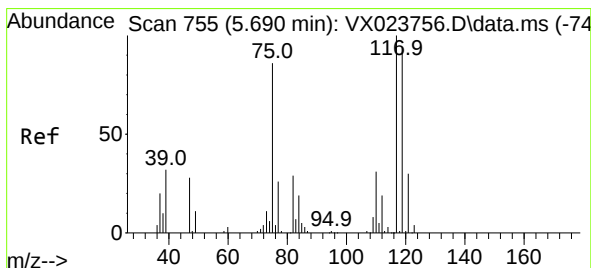
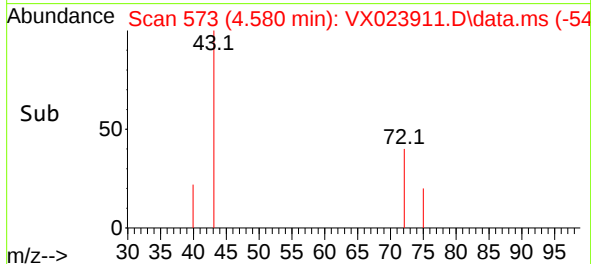
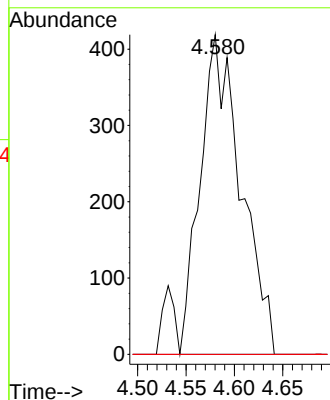
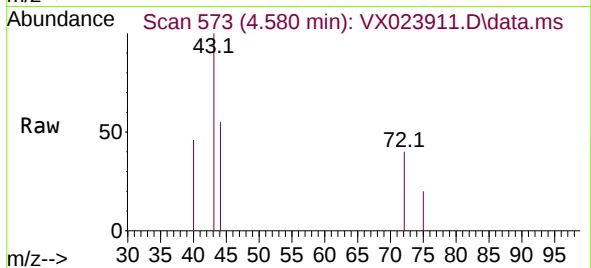
Delta R.T. -0.147 min

Lab File: VX023911.D

Acq: 23 Aug 2021 20:24

Tgt Ion: 43	Resp: 1229
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.095 ug/l

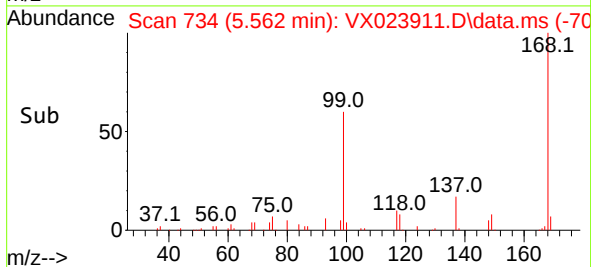
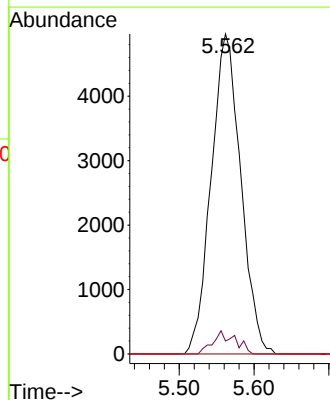
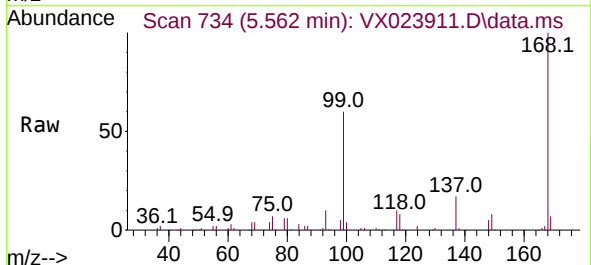
RT: 5.562 min Scan# 734

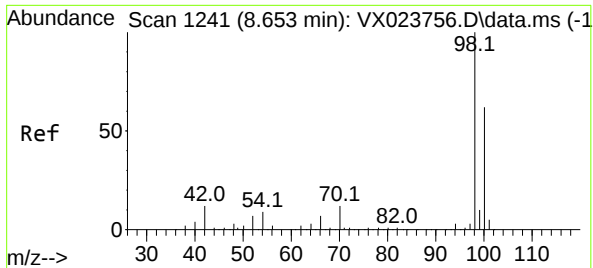
Delta R.T. -0.128 min

Lab File: VX023911.D

Acq: 23 Aug 2021 20:24

Tgt Ion: 117	Resp: 13663
Ion Ratio	Lower Upper
117 100	
119 4.0	76.2 114.2#
121 0.0	24.8 37.2#

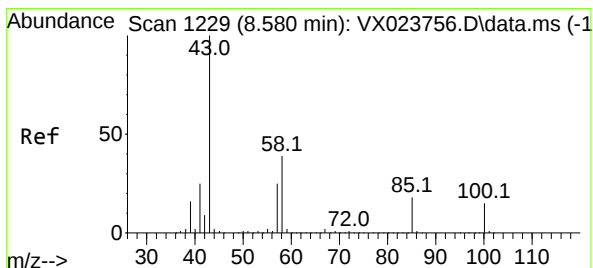
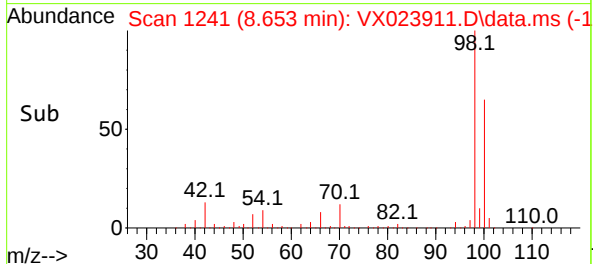
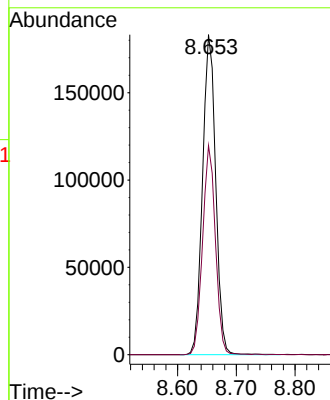
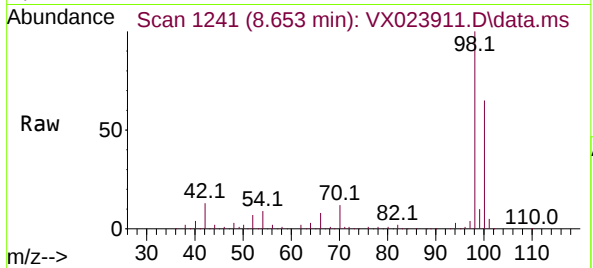




#50
Toluene-d8
Concen: 48.658 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

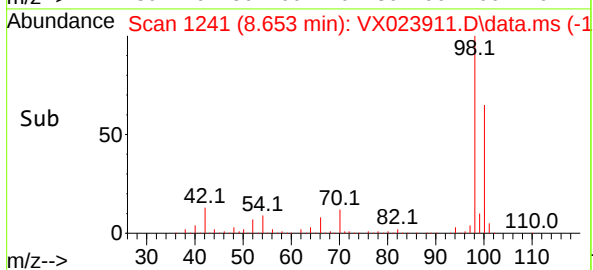
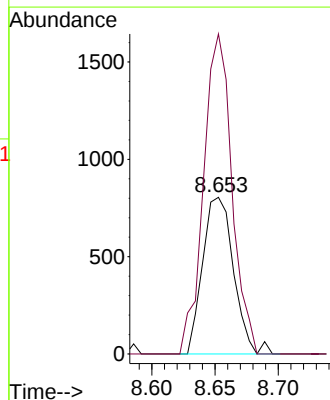
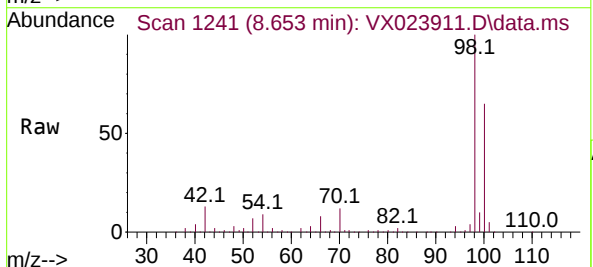
Instrument :
MSVOA_X
ClientSampled :

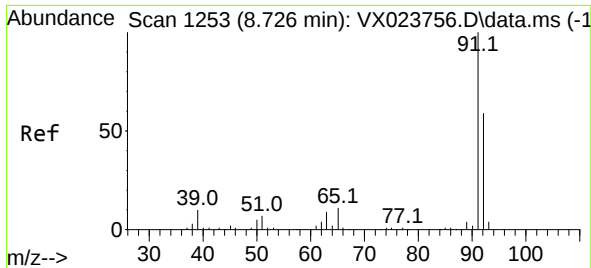
Tgt Ion: 98 Resp: 284540
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 187.9 35.4 53.0#

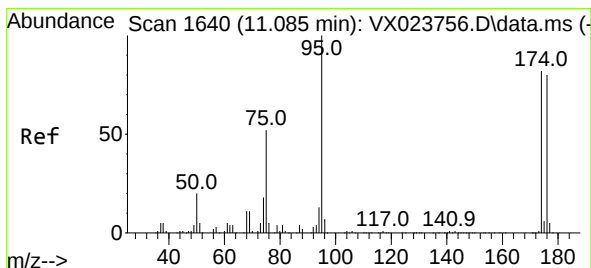
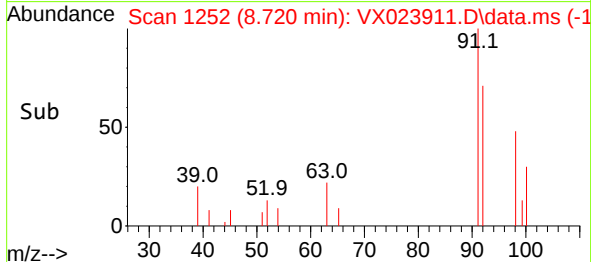
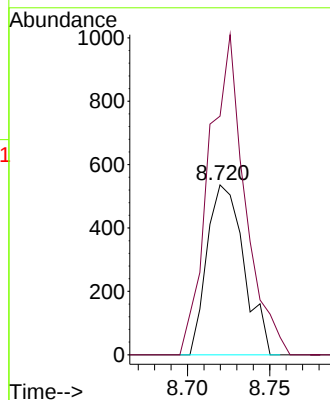
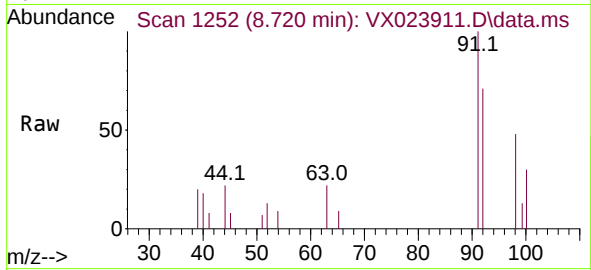




#52
Toluene
Concen: 0.202 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

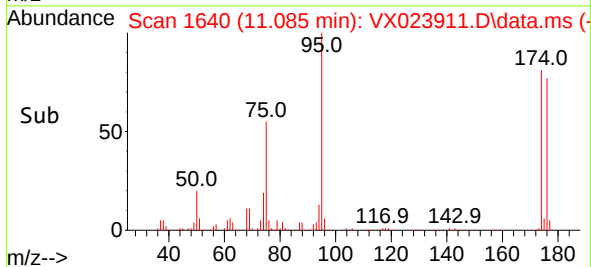
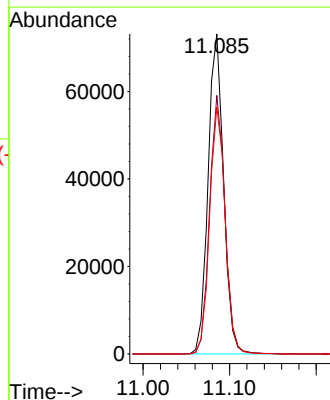
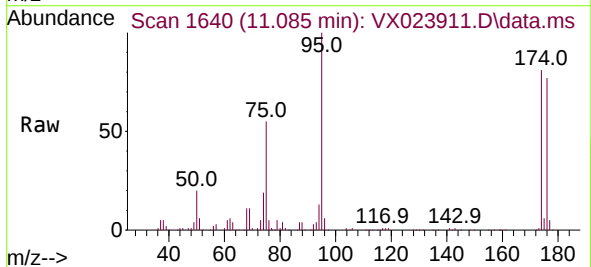
Instrument :
MSVOA_X
ClientSampled :

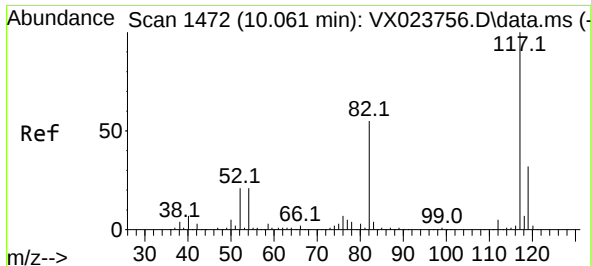
Tgt Ion: 92 Resp: 833
Ion Ratio Lower Upper
92 100
91 184.9 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 42.308 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

Tgt Ion: 95 Resp: 91076
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 77.2 0.0 155.8

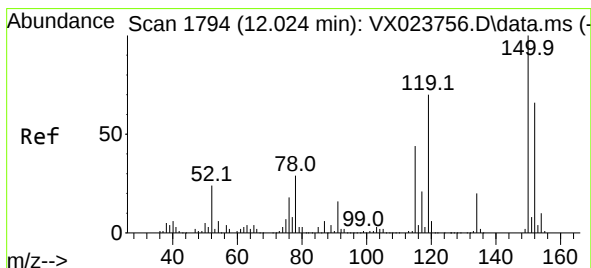
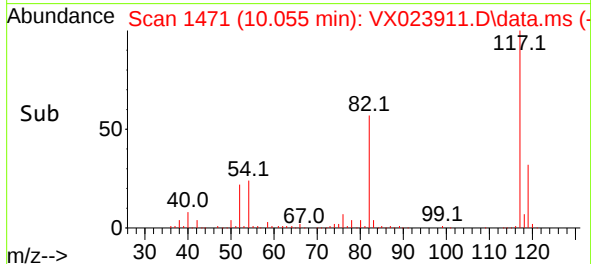
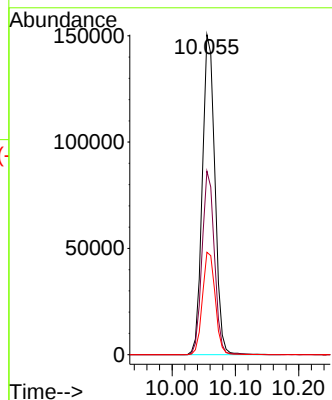
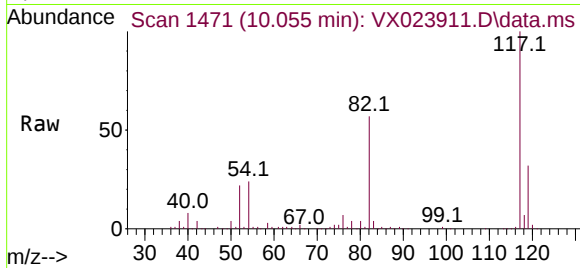




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

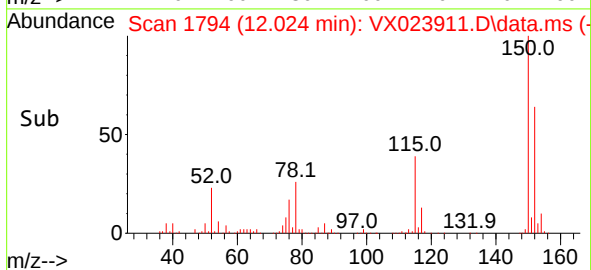
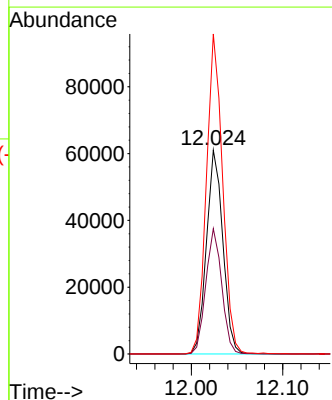
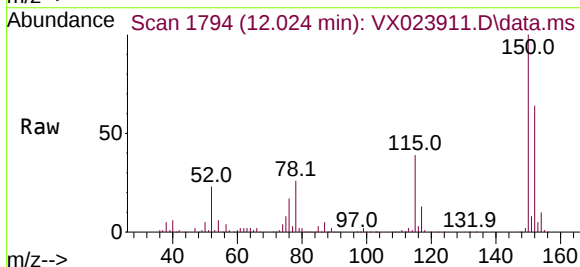
Instrument :
MSVOA_X
ClientSampleId :

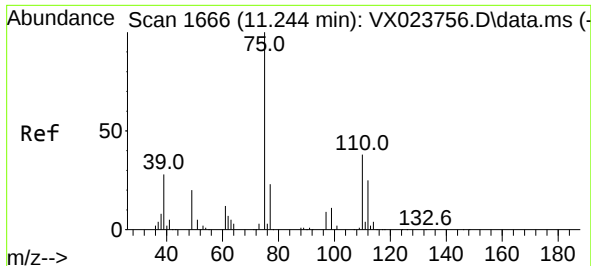
Tgt Ion:117 Resp: 208403
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

Tgt Ion:152 Resp: 75744
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 155.3 0.0 349.0

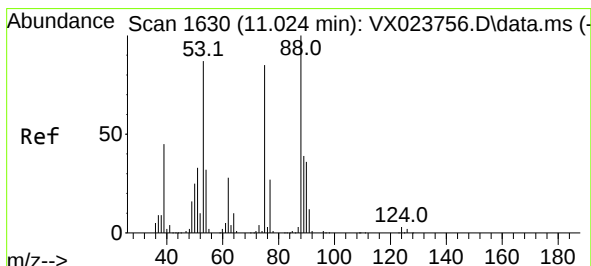
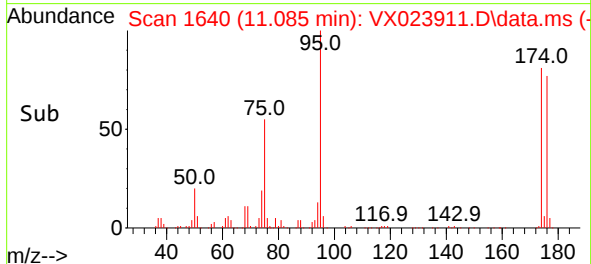
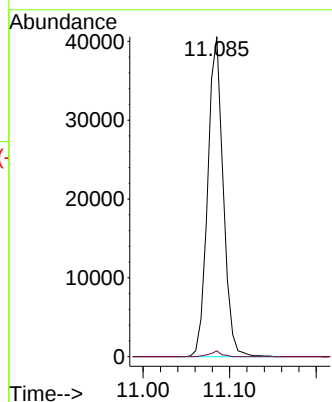
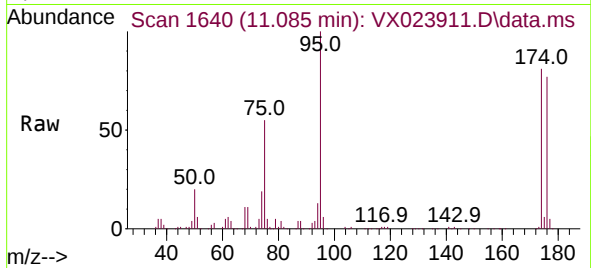




#76
1,2,3-Trichloropropane
Concen: 28.490 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

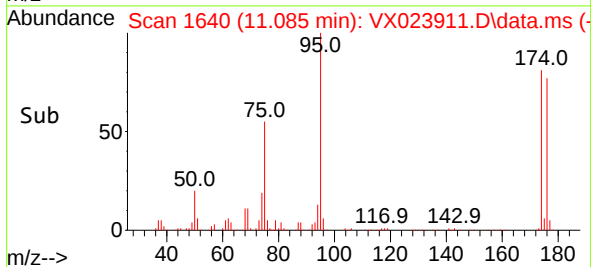
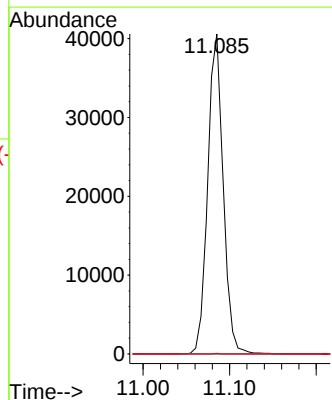
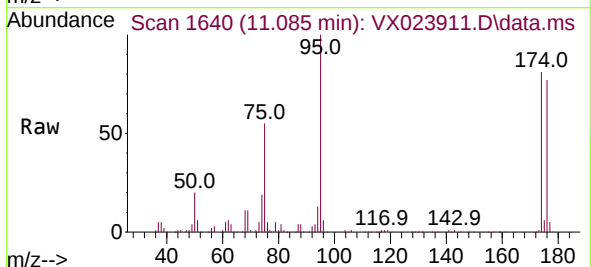
Instrument :
MSVOA_X
ClientSampled :

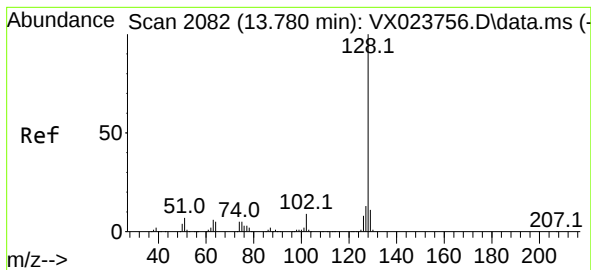
Tgt Ion: 75 Resp: 50340
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.806 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

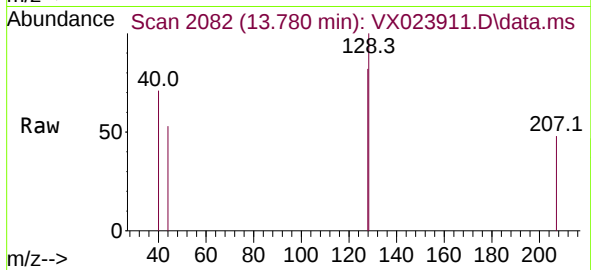
Tgt Ion: 75 Resp: 50340
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.339 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023911.D
Acq: 23 Aug 2021 20:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 320
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

