

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023001.D
 Acq On : 29 Jun 2021 14:21
 Operator : JC/MD
 Sample : M2875-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 30 01:43:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

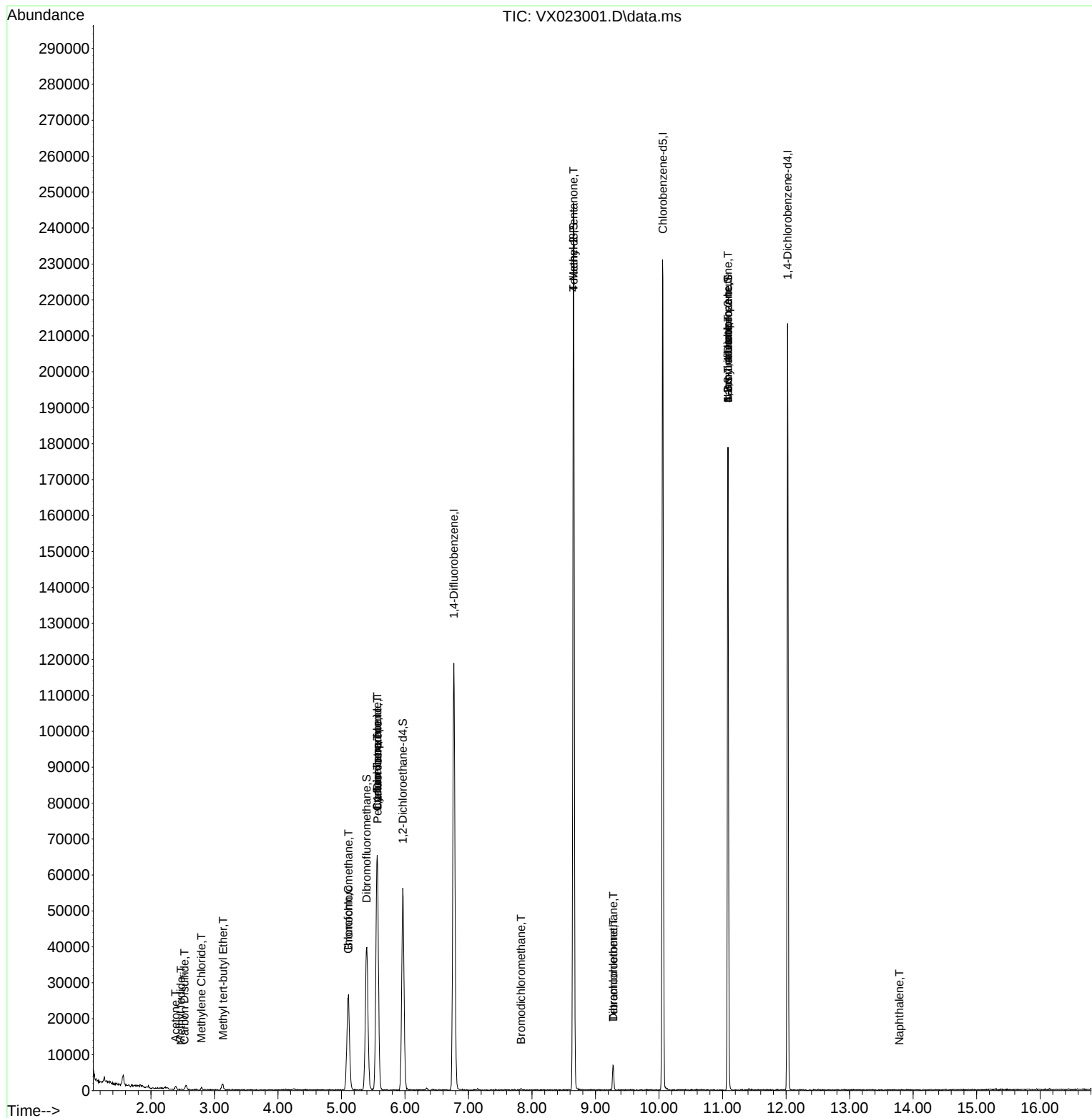
Internal Standards						
1) Pentafluorobenzene	5.568	168	53100	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	111270	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	98436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50118	52.008	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.020%	
35) Dibromofluoromethane	5.397	113	34491	48.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.620%	
50) Toluene-d8	8.653	98	135136	48.799	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.600%	
62) 4-Bromofluorobenzene	11.085	95	46157	44.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	31	3.913	ug/l #	42
16) Acetone	2.385	43	1033	2.418	ug/l #	55
17) Carbon Disulfide	2.526	76	42	3.536	ug/l #	75
19) Methyl tert-butyl Ether	3.135	73	1864	0.755	ug/l #	82
20) Methylene Chloride	2.794	84	334	0.764	ug/l #	71
28) Bromochloromethane	5.111	49	2719	3.968	ug/l #	9
30) Chloroform	5.104	83	29724	20.318	ug/l	96
31) Cyclohexane	5.562	56	1883	1.384	ug/l #	31
36) 1,1-Dichloropropene	5.562	75	6109	5.169	ug/l #	46
38) Carbon Tetrachloride	5.562	117	6568	6.626	ug/l #	16
47) Bromodichloromethane	7.830	83	350	3.212	ug/l #	66
51) 4-Methyl-2-Pentanone	8.653	43	841	0.614	ug/l #	1
60) Dibromochloromethane	9.281	129	1419	5.275	ug/l #	11
64) Tetrachloroethene	9.281	164	1141	1.649	ug/l #	89
74) N-amyl acetate	11.085	43	25	2.069	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	26087	27.204	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26087	70.421	ug/l #	12
95) Naphthalene	13.786	128	49	1.938	ug/l #	69

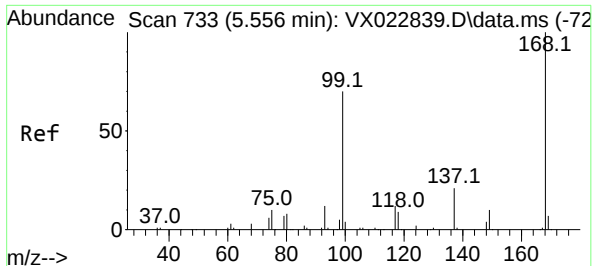
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 30 01:43:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

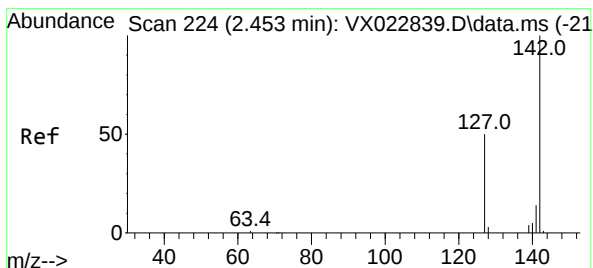
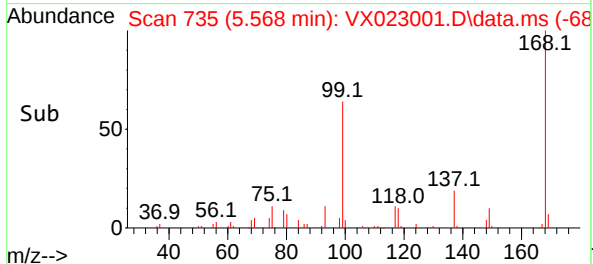
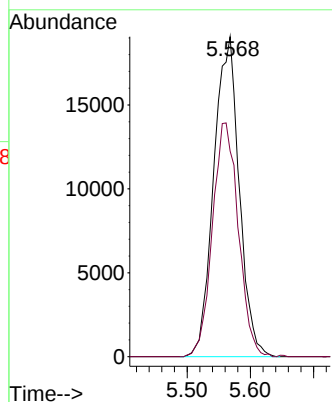
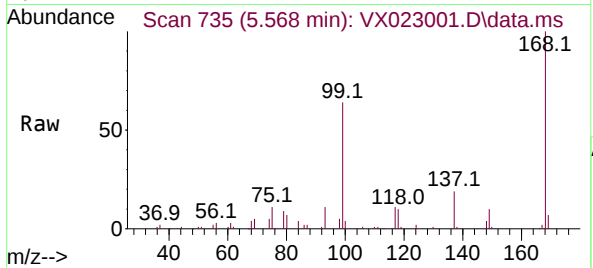




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

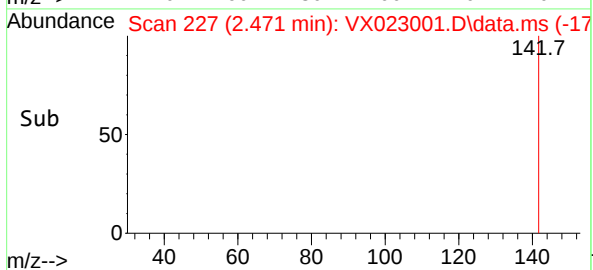
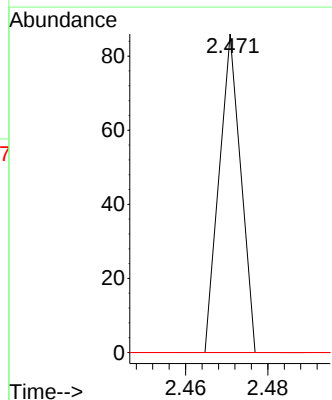
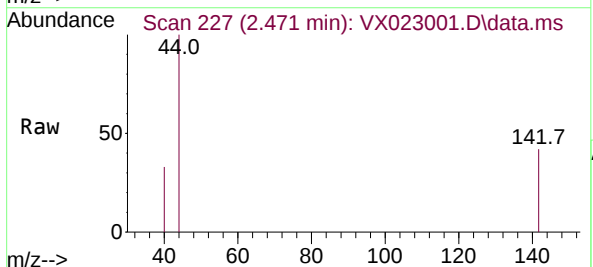
Instrument :
MSVOA_X
ClientSampled :

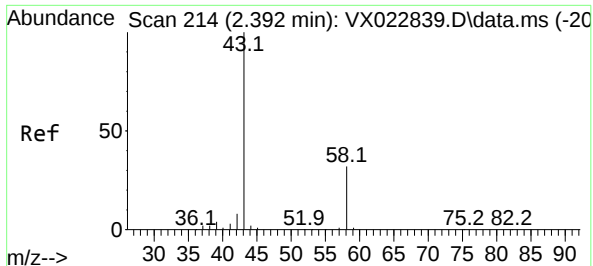
Tgt Ion:168 Resp: 53100
Ion Ratio Lower Upper
168 100
99 64.2 45.8 68.6



#10
Methyl Iodide
Concen: 3.913 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Tgt Ion:142 Resp: 31
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

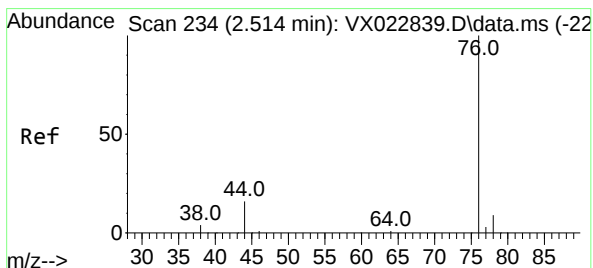
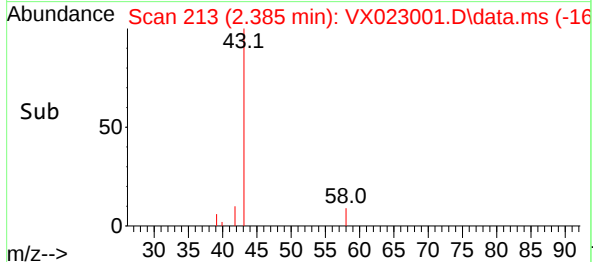
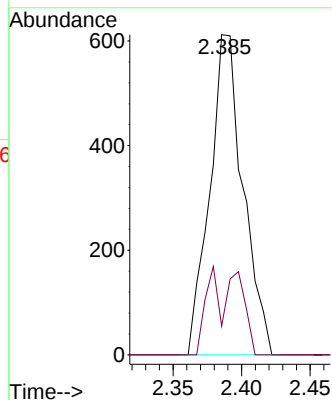
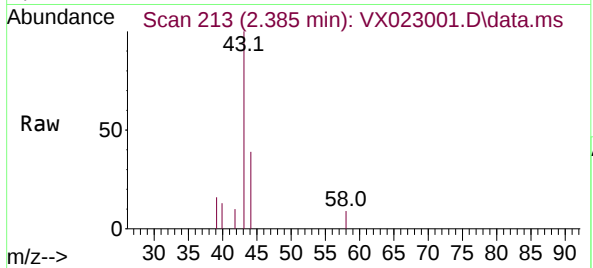




#16
Acetone
Concen: 2.418 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

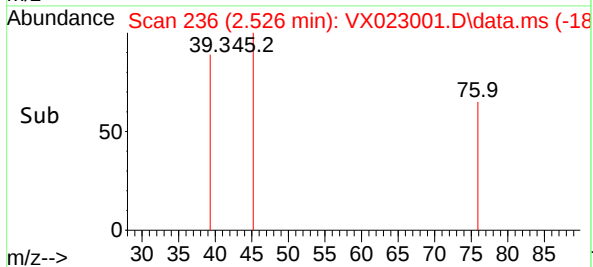
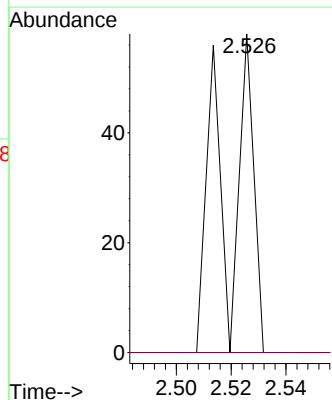
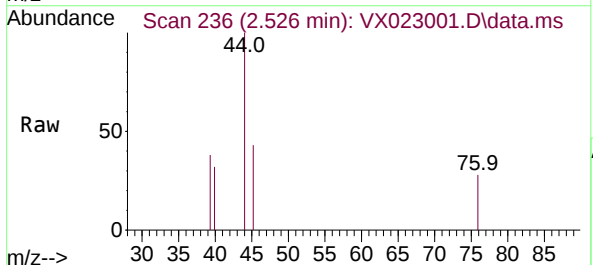
Instrument :
MSVOA_X
ClientSampled :

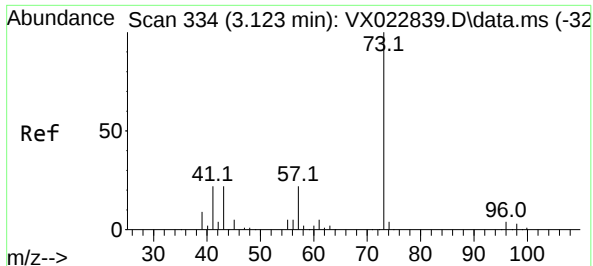
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
58 9.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.536 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.012 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Tgt Ion: 76 Resp: 42
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



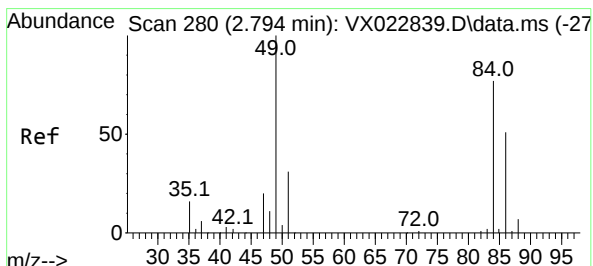
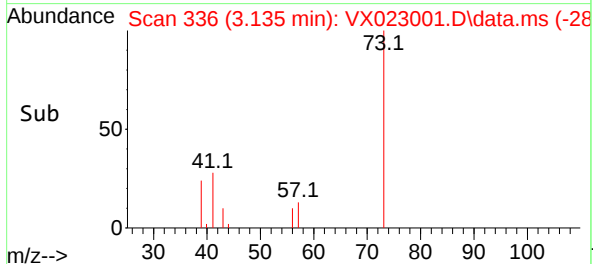
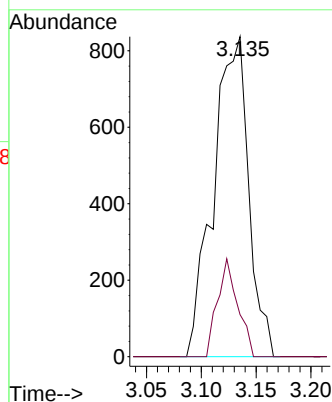
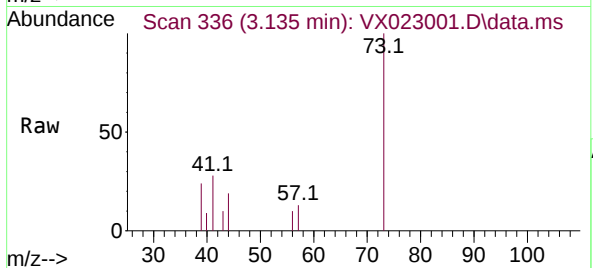


#19

Methyl tert-butyl Ether
Concen: 0.755 ug/l
RT: 3.135 min Scan# 336
Delta R.T. 0.012 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Instrument :
MSVOA_X
ClientSampled :

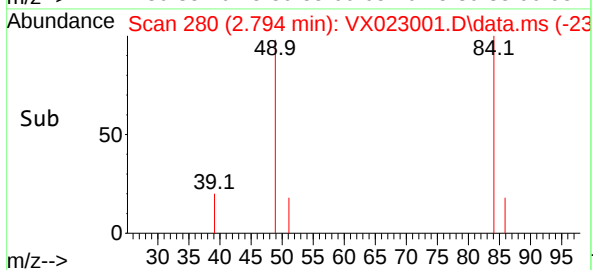
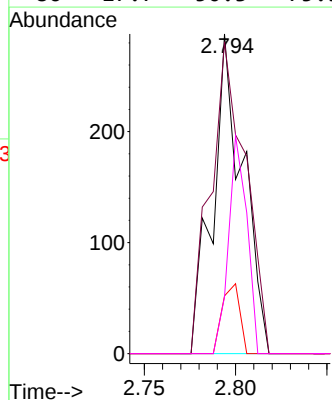
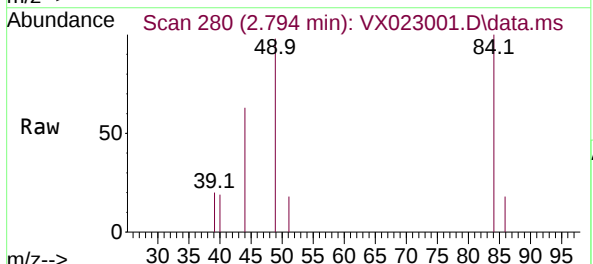
Tgt Ion: 73 Resp: 1864
Ion Ratio Lower Upper
73 100
57 13.1 17.1 25.7#

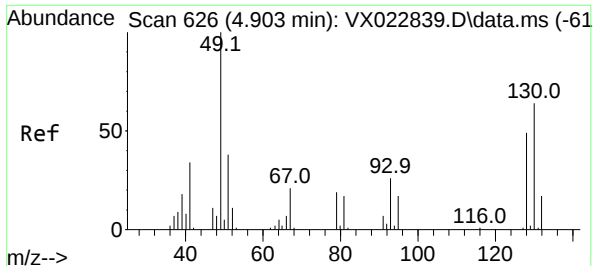


#20

Methylene Chloride
Concen: 0.764 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Tgt Ion: 84 Resp: 334
Ion Ratio Lower Upper
84 100
49 97.6 88.6 132.8
51 18.1 27.0 40.6#
86 17.7 50.3 75.5#

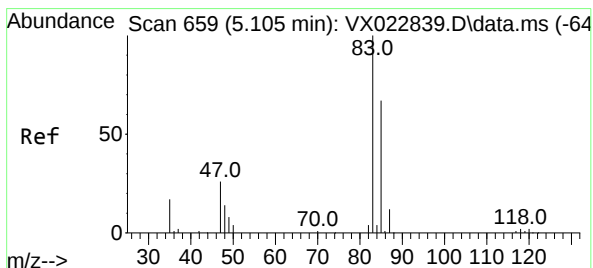
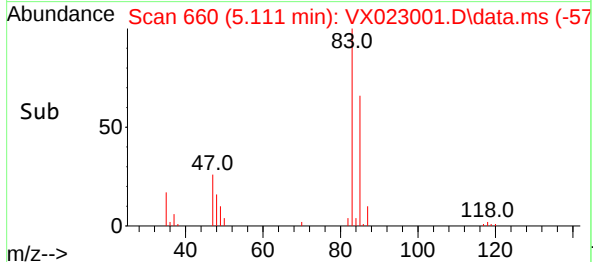
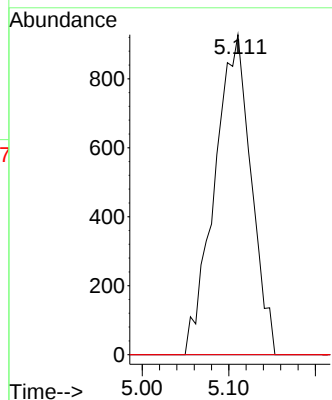
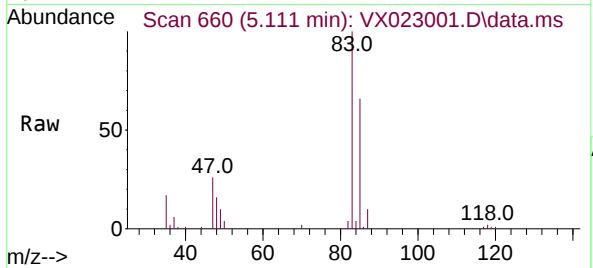




#28
Bromochloromethane
Concen: 3.968 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.208 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

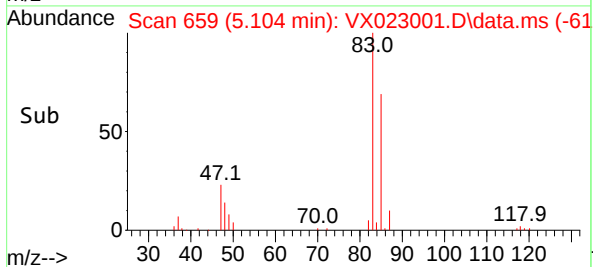
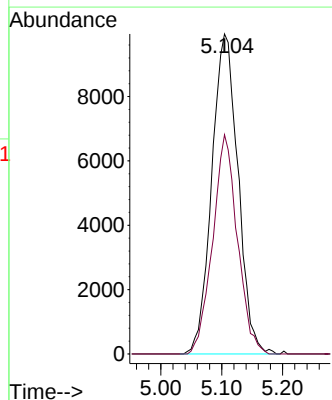
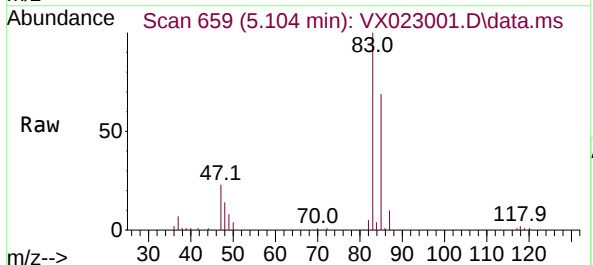
Instrument :
MSVOA_X
ClientSampled :

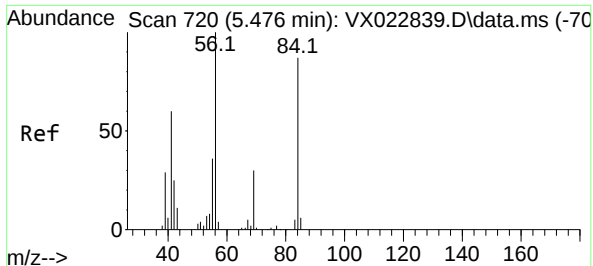
Tgt Ion: 49 Resp: 2719
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 20.318 ug/l
RT: 5.104 min Scan# 659
Delta R.T. -0.001 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

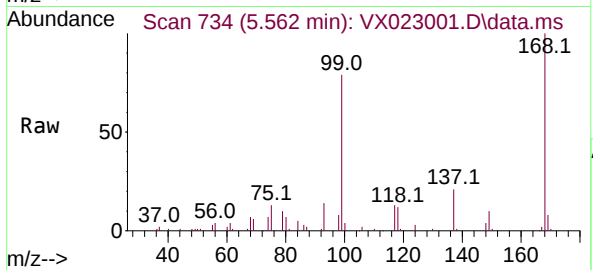
Tgt Ion: 83 Resp: 29724
Ion Ratio Lower Upper
83 100
85 68.5 52.0 78.0



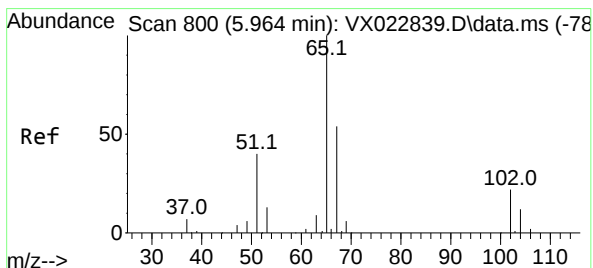
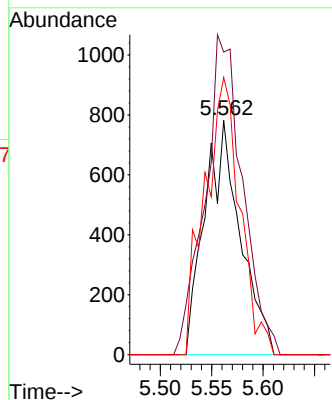
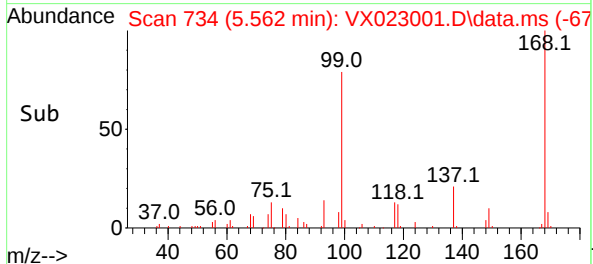


#31
Cyclohexane
Concen: 1.384 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

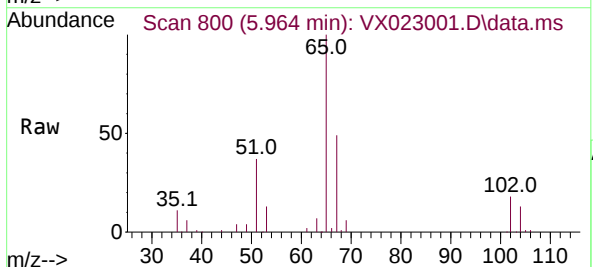
Instrument :
MSVOA_X
ClientSampleId :



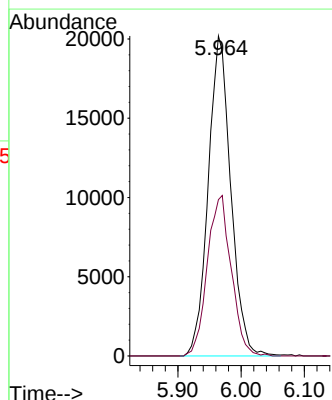
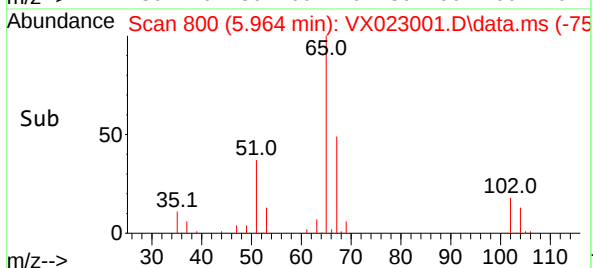
Tgt Ion: 56 Resp: 1883
Ion Ratio Lower Upper
56 100
69 129.2 25.3 37.9#
84 118.3 71.4 107.0#

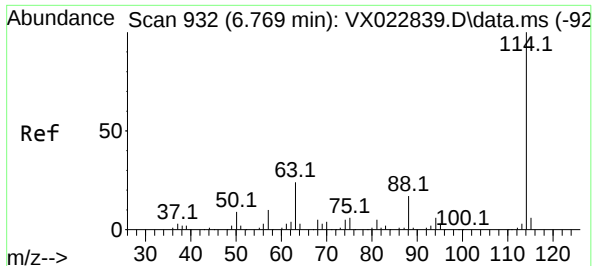


#33
1,2-Dichloroethane-d4
Concen: 52.008 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21



Tgt Ion: 65 Resp: 50118
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

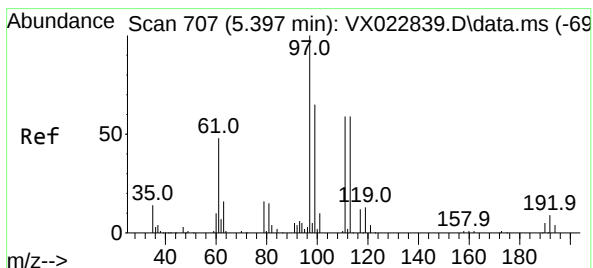
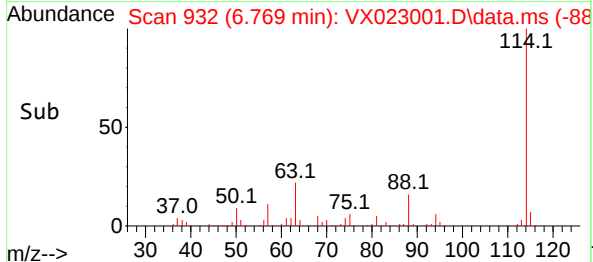
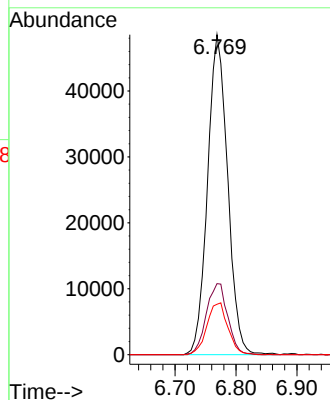
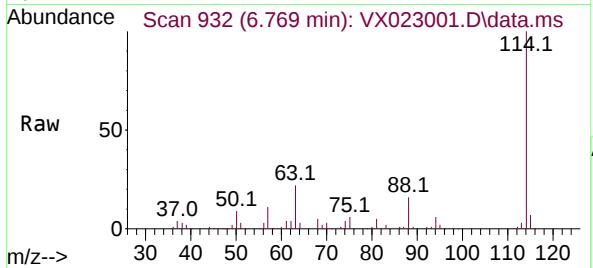




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

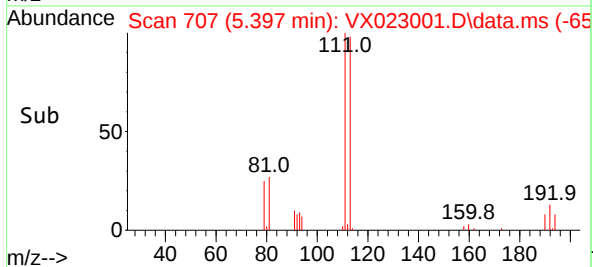
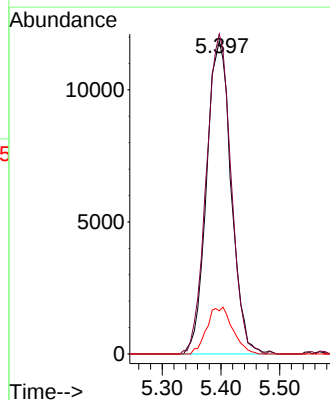
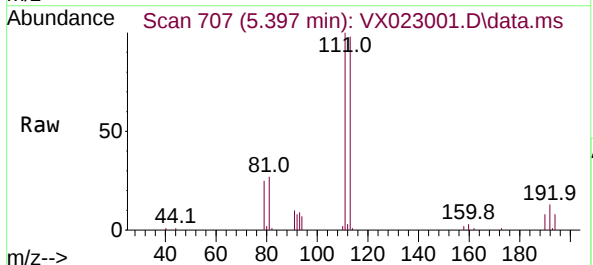
Instrument :
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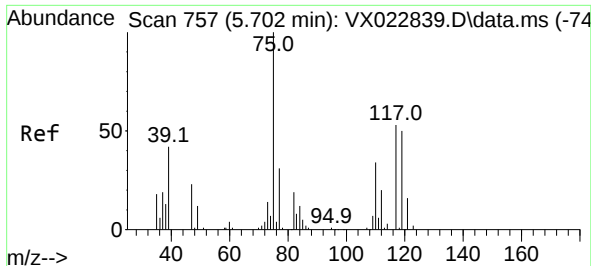
Tgt Ion:114 Resp: 111270
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.813 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Tgt Ion:113 Resp: 34491
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 15.7 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.169 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023001.D

Acq: 29 Jun 2021 14:21

Tgt Ion: 75 Resp: 6109

Ion Ratio Lower Upper

75 100

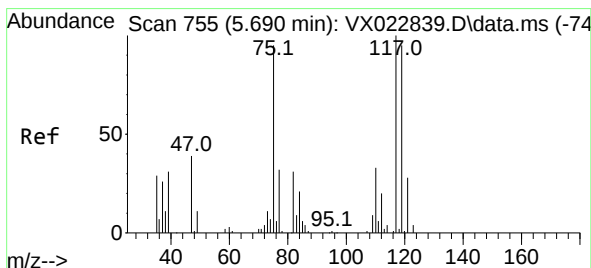
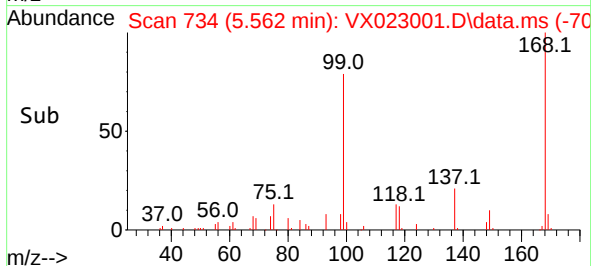
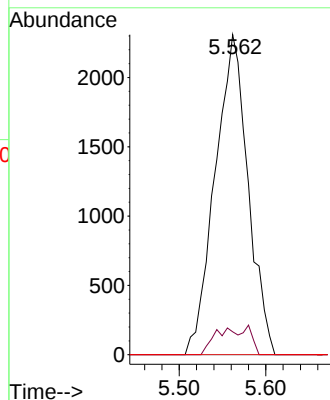
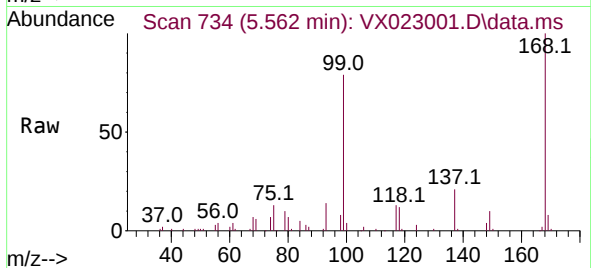
110 6.0 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.626 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX023001.D

Acq: 29 Jun 2021 14:21

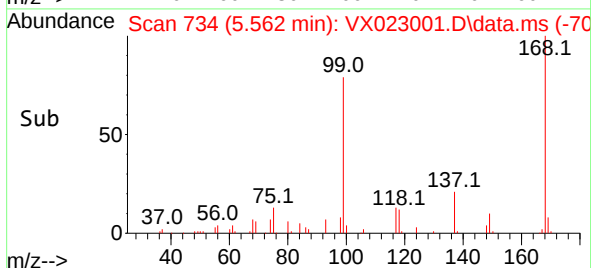
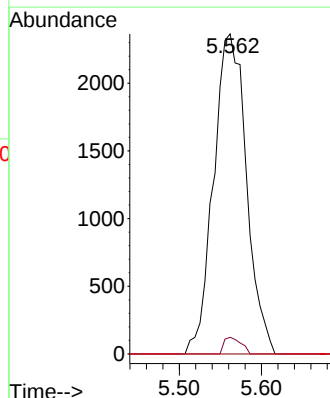
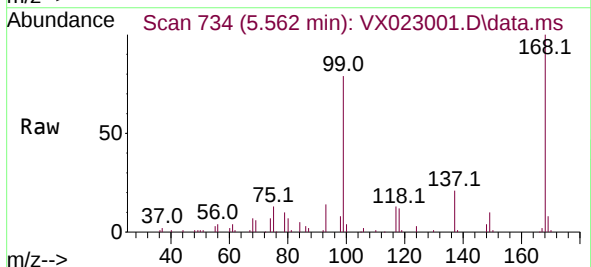
Tgt Ion: 117 Resp: 6568

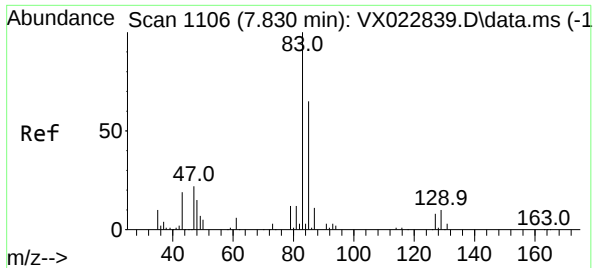
Ion Ratio Lower Upper

117 100

119 5.2 76.2 114.2#

121 0.0 24.8 37.2#

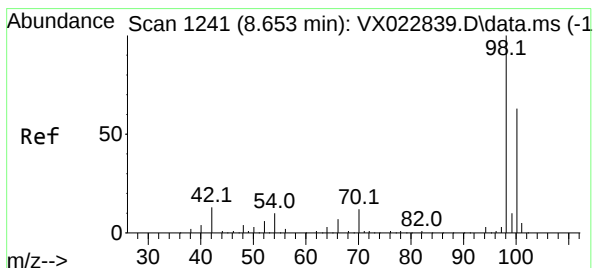
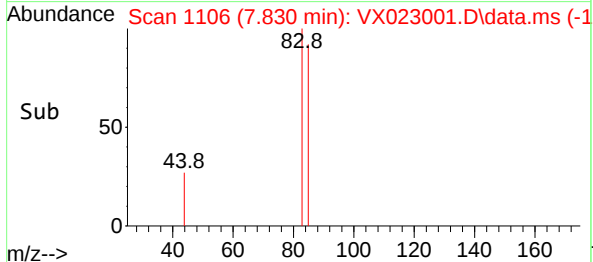
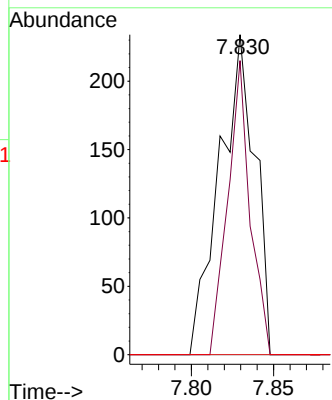
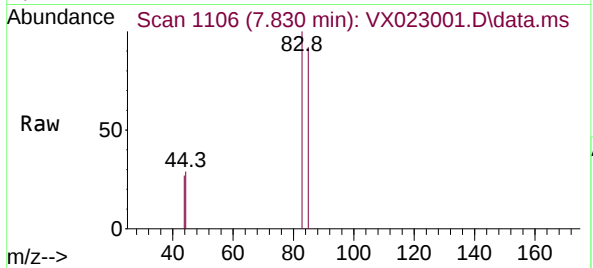




#47
Bromodichloromethane
Concen: 3.212 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

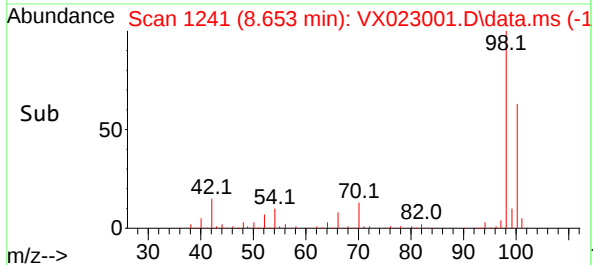
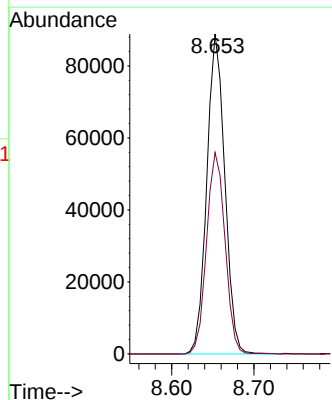
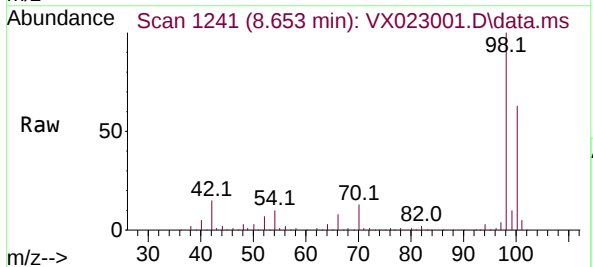
Instrument :
MSVOA_X
ClientSampleId :

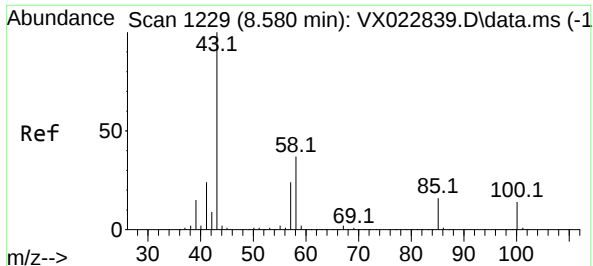
Tgt Ion: 83 Resp: 350
Ion Ratio Lower Upper
83 100
85 91.9 51.4 77.0#
127 0.0 6.8 10.2#



#50
Toluene-d8
Concen: 48.799 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Tgt Ion: 98 Resp: 135136
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

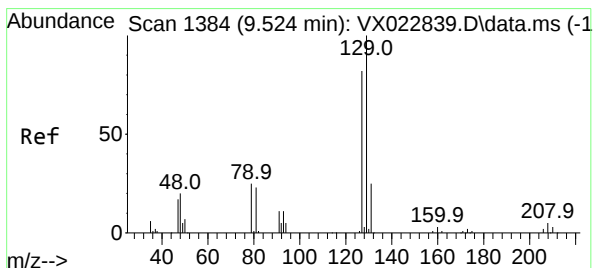
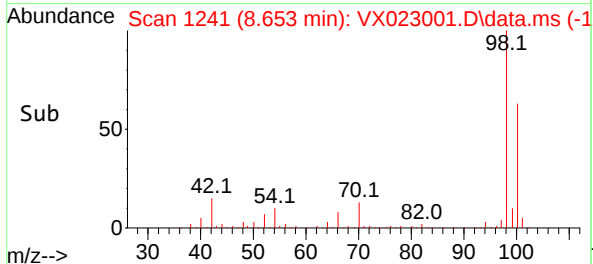
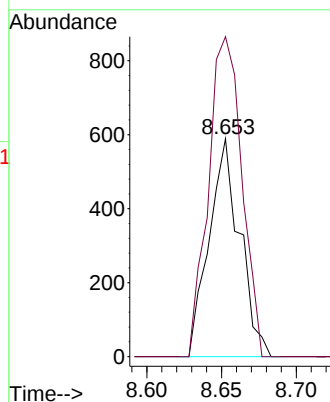
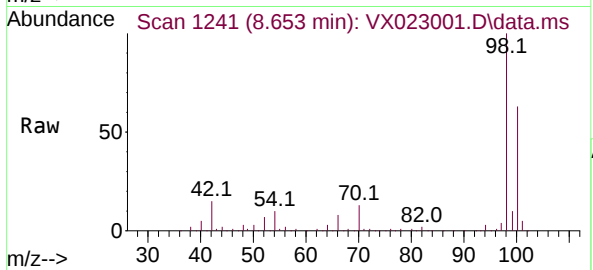




#51
4-Methyl-2-Pentanone
Concen: 0.614 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

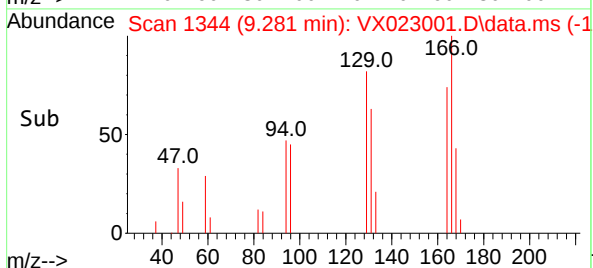
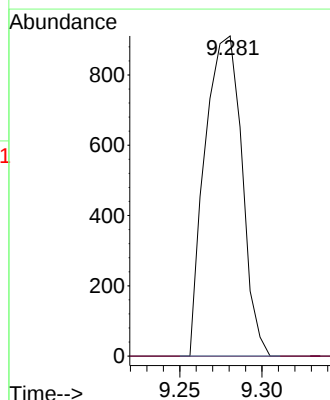
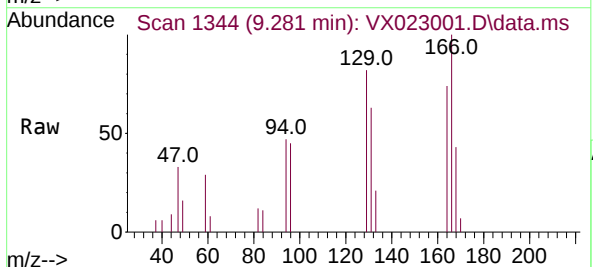
Instrument :
MSVOA_X
ClientSampled :

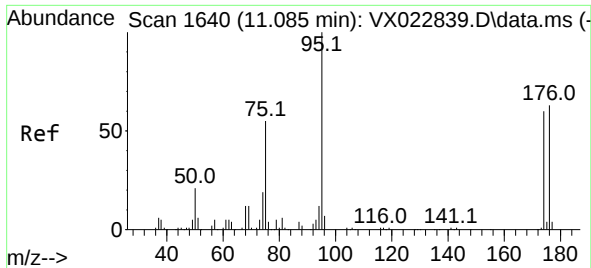
Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
58 160.0 35.4 53.0#



#60
Dibromochloromethane
Concen: 5.275 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Tgt Ion: 129 Resp: 1419
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

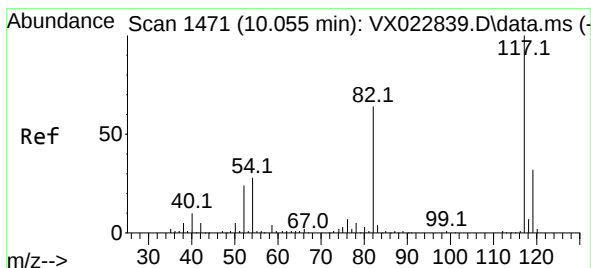
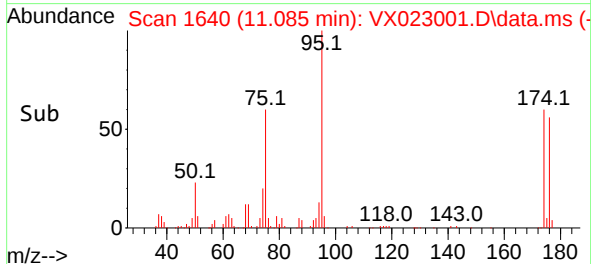
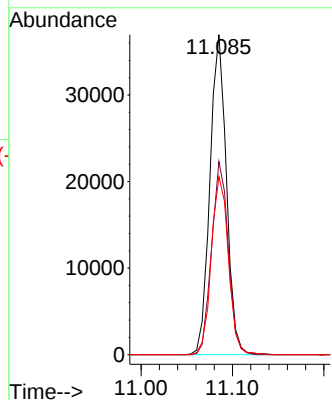
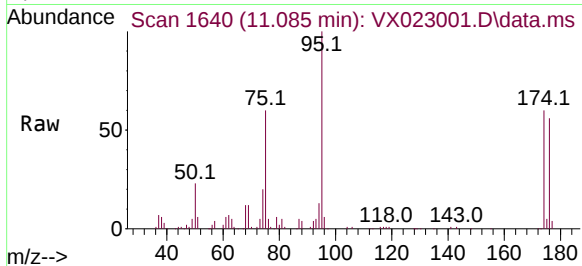




#62
4-Bromofluorobenzene
Concen: 44.660 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

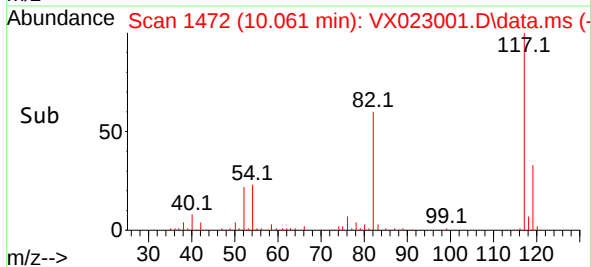
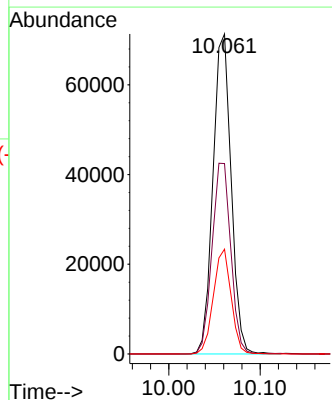
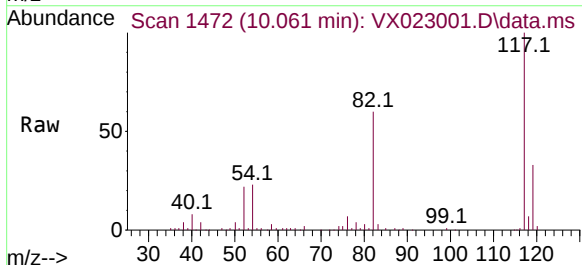
Instrument :
MSVOA_X
ClientSampleId :

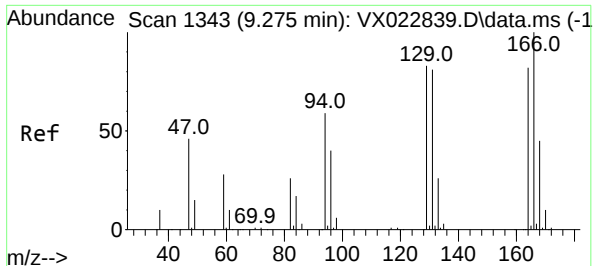
Tgt Ion: 95 Resp: 46157
Ion Ratio Lower Upper
95 100
174 60.8 0.0 154.6
176 57.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Tgt Ion: 117 Resp: 98436
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.8 26.6 39.8

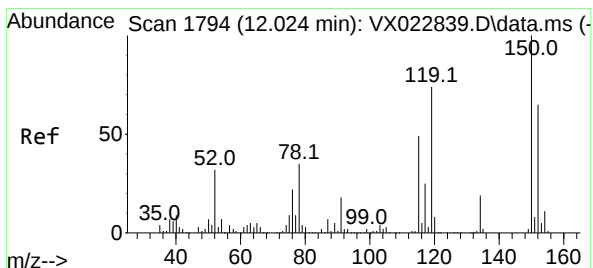
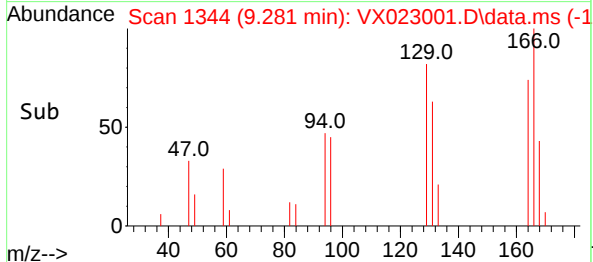
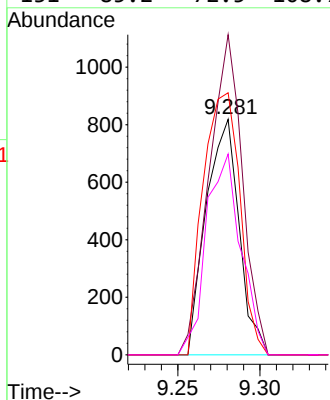
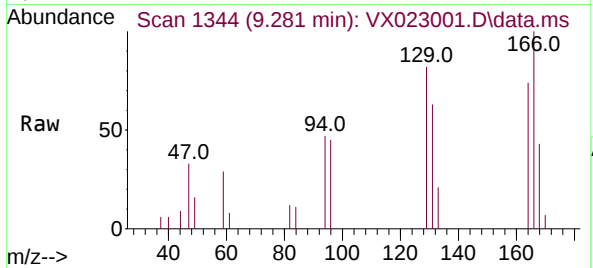




#64
Tetrachloroethene
Concen: 1.649 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

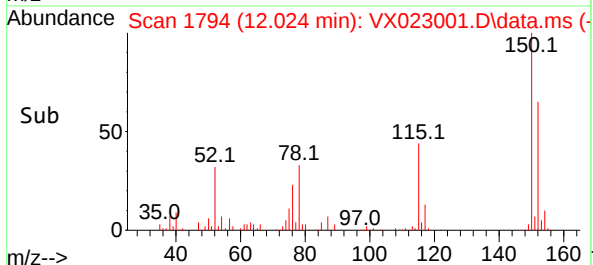
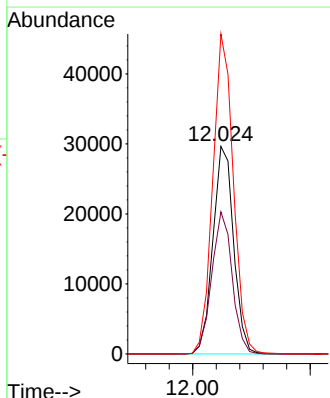
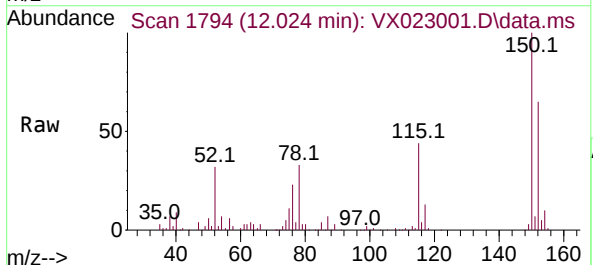
Instrument :
MSVOA_X
ClientSampled :

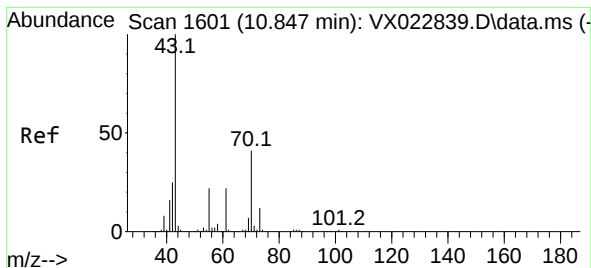
Tgt Ion:164 Resp: 1141
Ion Ratio Lower Upper
164 100
166 135.9 103.4 155.2
129 111.2 70.8 106.2#
131 85.2 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Tgt Ion:152 Resp: 36305
Ion Ratio Lower Upper
152 100
115 67.6 41.1 123.3
150 153.0 0.0 349.0

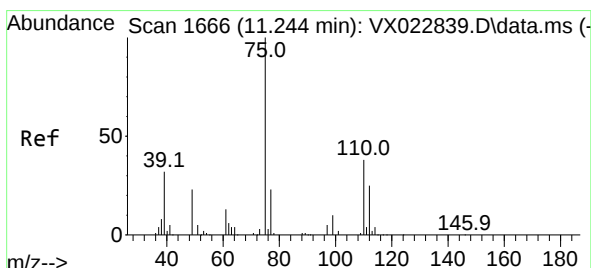
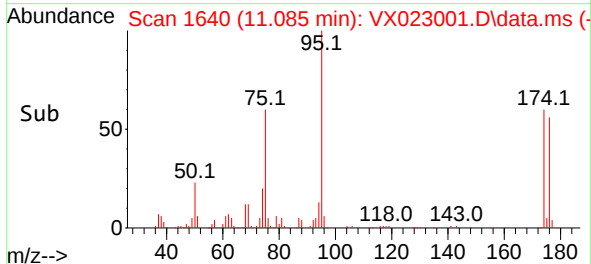
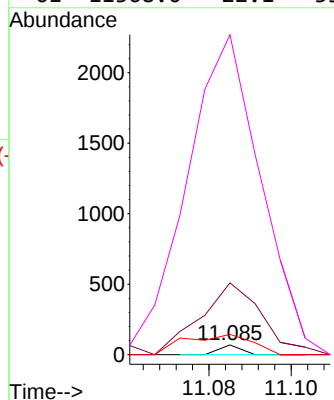
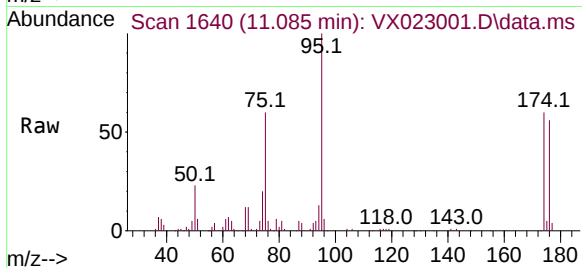




#74
N-amy1 acetate
Concen: 2.069 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.238 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

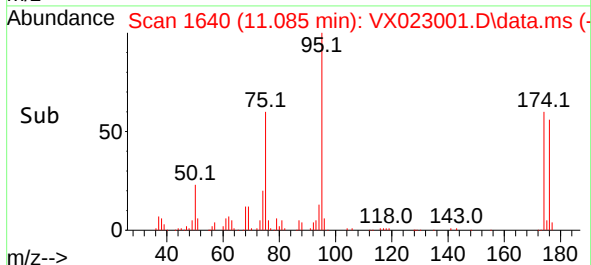
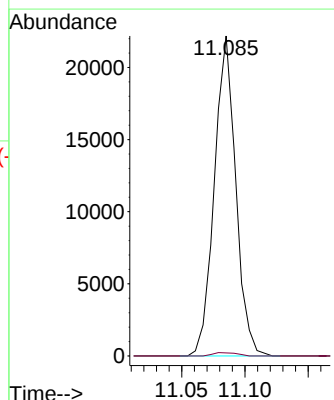
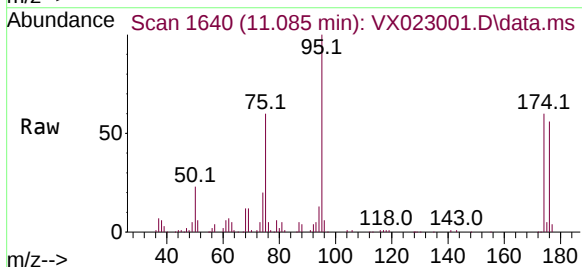
Instrument :
MSVOA_X
ClientSampled :

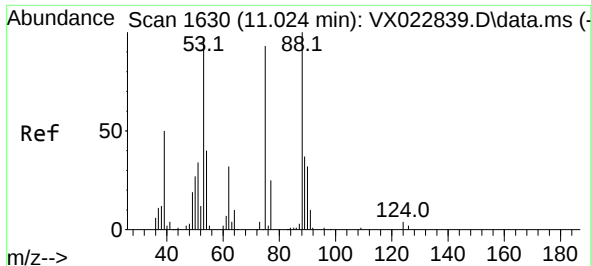
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
70 2232.0 39.0 58.6#
55 656.0 21.5 32.3#
61 11368.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 27.204 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Tgt Ion: 75 Resp: 26087
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

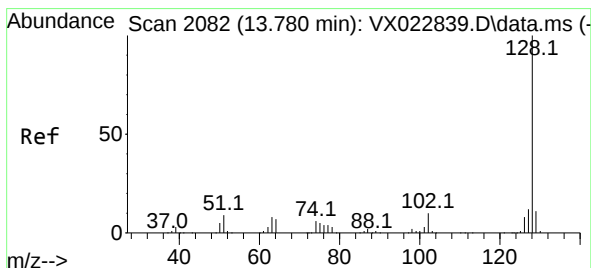
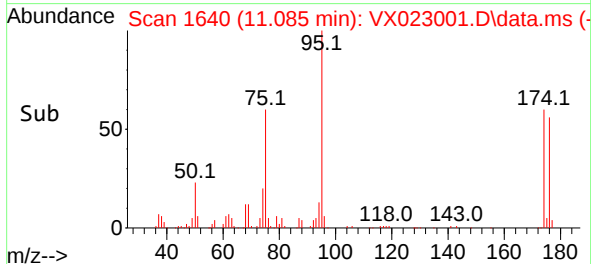
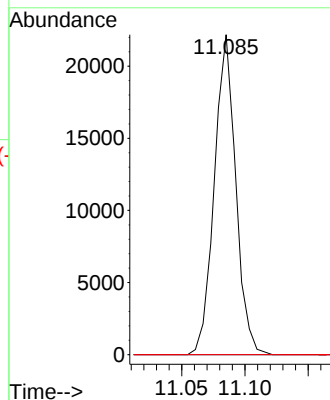
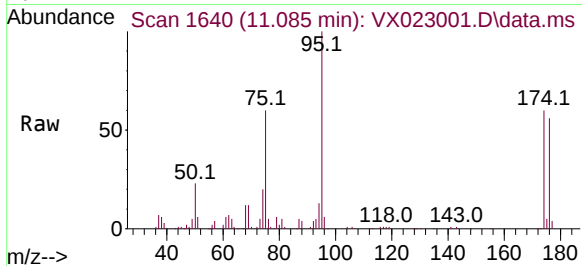




#81
trans-1,4-Dichloro-2-butene
Concen: 70.421 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 26087
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.938 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023001.D
Acq: 29 Jun 2021 14:21

Tgt Ion: 128 Resp: 49
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

