

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023052.D
 Acq On : 30 Jun 2021 23:34
 Operator : JC/MD
 Sample : VX0630WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 03:29:18 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)

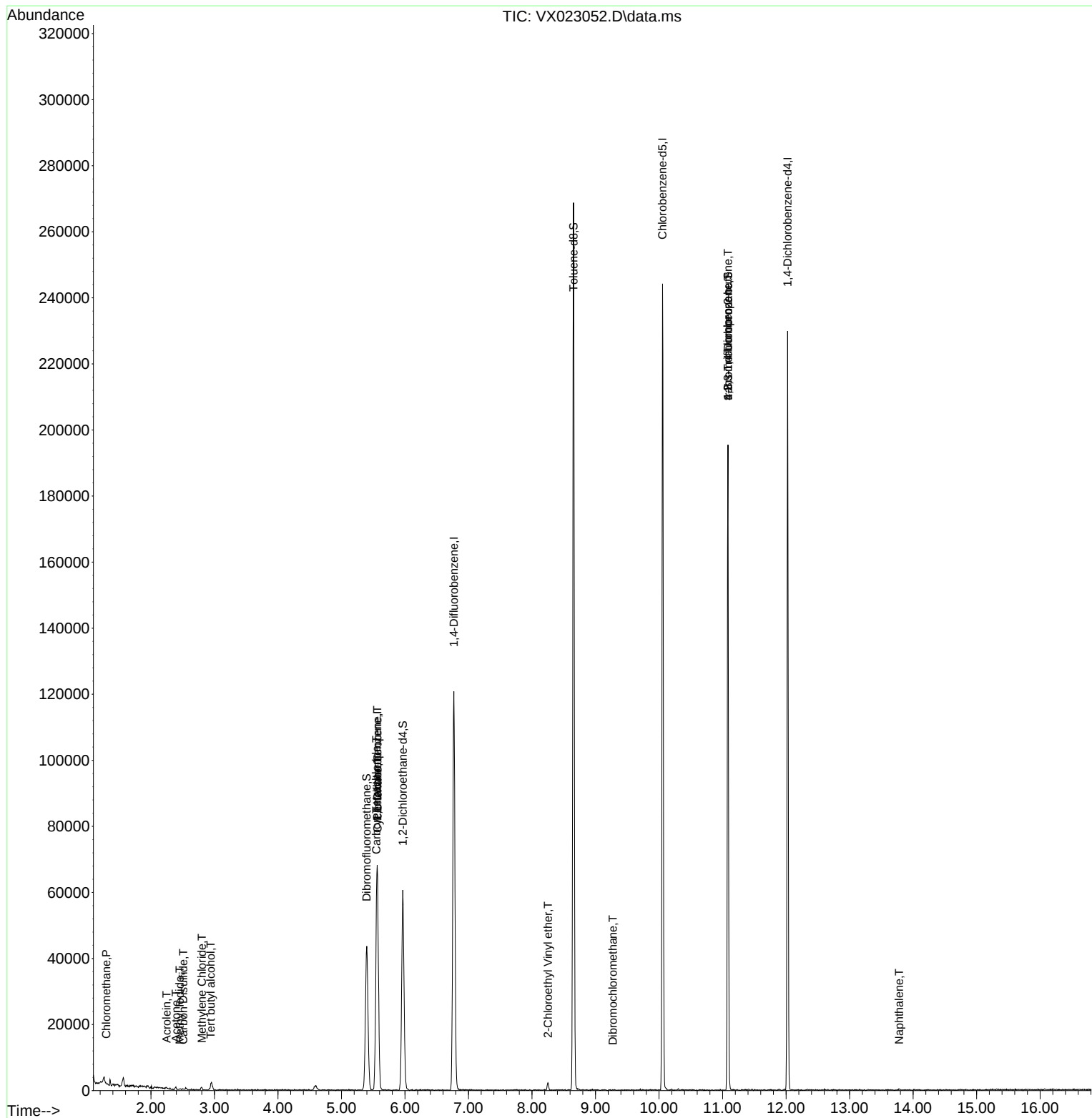
Internal Standards						
1) Pentafluorobenzene	5.562	168	54940	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	113452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54452	54.613	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.220%	
35) Dibromofluoromethane	5.397	113	36225	50.281	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	8.653	98	147143	52.112	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	11.085	95	50909	48.311	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	224	0.263	ug/l	# 42
10) Methyl Iodide	2.453	142	173	4.065	ug/l	# 78
11) Tert butyl alcohol	2.941	59	1434	6.901	ug/l	# 73
13) Acrolein	2.246	56	40	0.310	ug/l	# 81
16) Acetone	2.392	43	801	1.812	ug/l	# 86
17) Carbon Disulfide	2.508	76	394	3.704	ug/l	# 75
20) Methylene Chloride	2.800	84	319	0.733	ug/l	# 87
31) Cyclohexane	5.568	56	2056	1.461	ug/l	# 55
36) 1,1-Dichloropropene	5.562	75	5804	4.816	ug/l	# 48
38) Carbon Tetrachloride	5.550	117	7141	7.065	ug/l	# 12
58) 2-Chloroethyl Vinyl ether	8.251	63	992	6.466	ug/l	96
60) Dibromochloromethane	9.275	129	22	3.675	ug/l	# 11
76) 1,2,3-Trichloropropane	11.085	75	28221	27.663	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	28221	71.499	ug/l	# 12
95) Naphthalene	13.780	128	341	2.027	ug/l	# 69

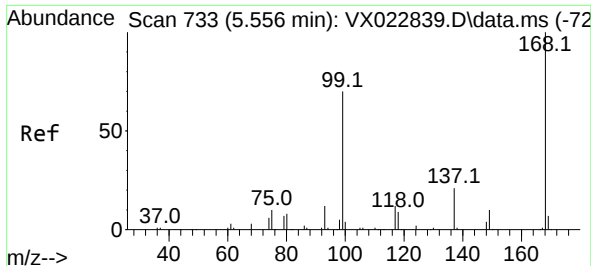
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

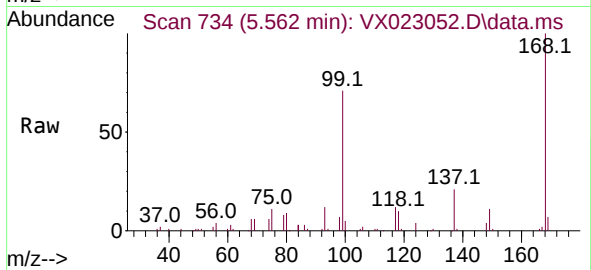
Quant Time: Jul 01 03:29:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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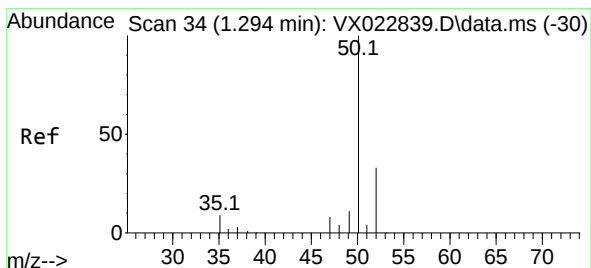
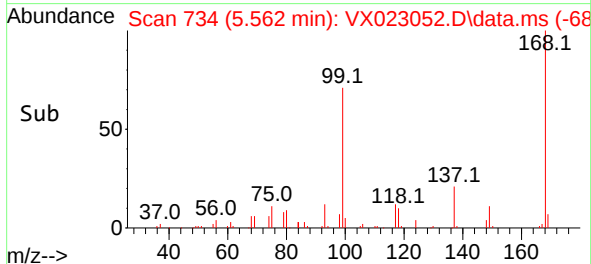
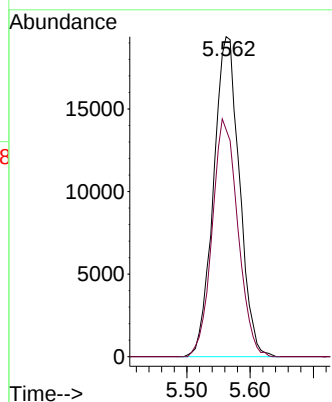


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

Instrument :
MSVOA_X
ClientSampled :

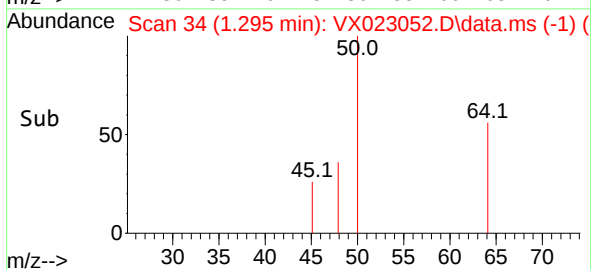
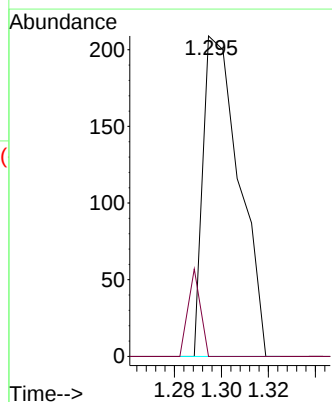
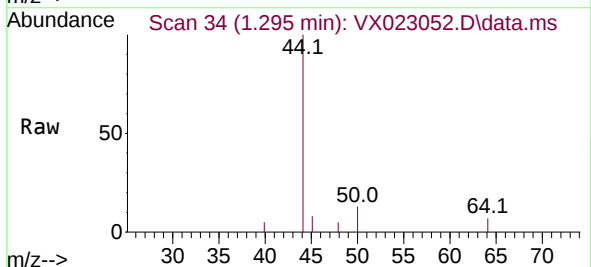


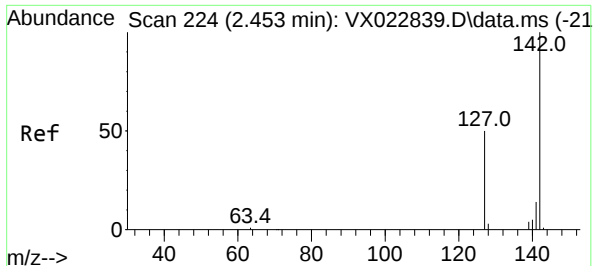
Tgt Ion:168 Resp: 54940
Ion Ratio Lower Upper
168 100
99 71.0 45.8 68.6#



#3
Chloromethane
Concen: 0.263 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

Tgt Ion: 50 Resp: 224
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

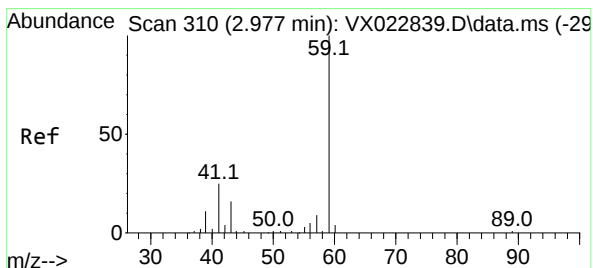
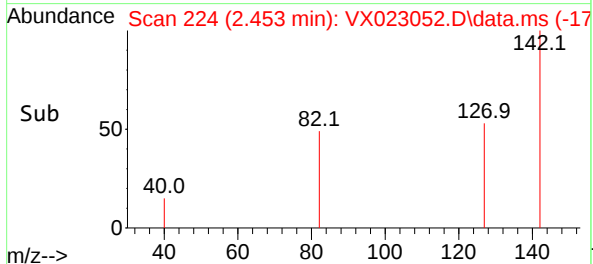
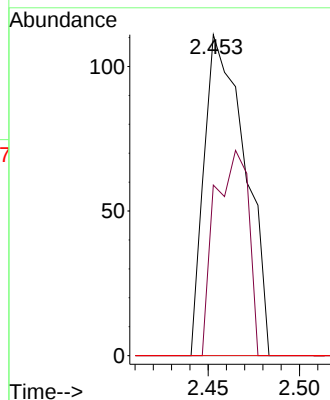
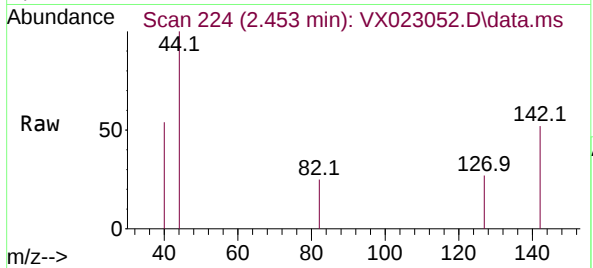




#10
Methyl Iodide
Concen: 4.065 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

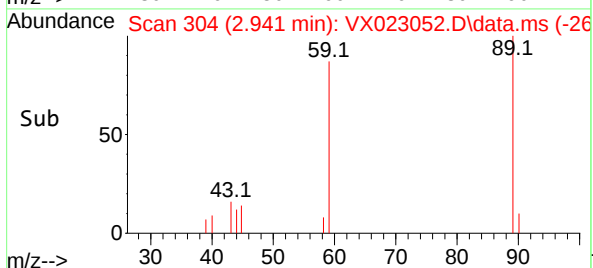
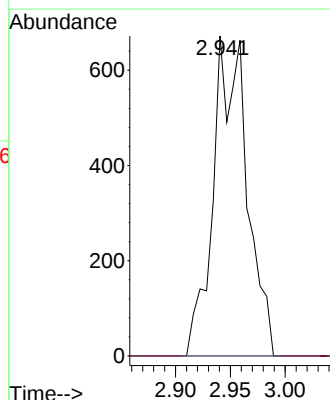
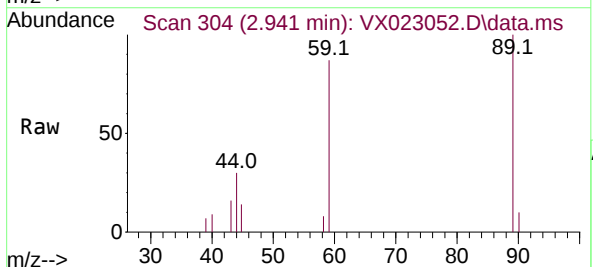
Instrument :
MSVOA_X
ClientSampleId :

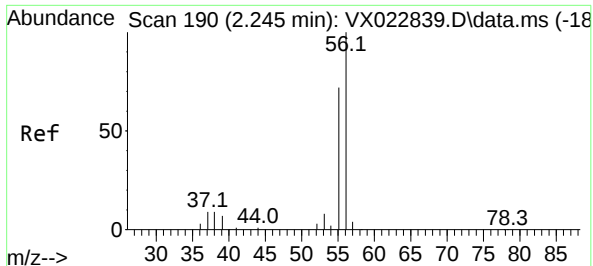
Tgt Ion:142 Resp: 173
Ion Ratio Lower Upper
142 100
127 52.6 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 6.901 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

Tgt Ion: 59 Resp: 1434
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

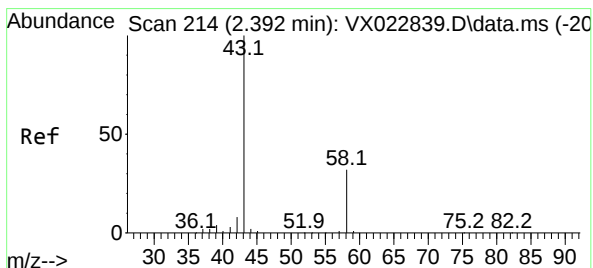
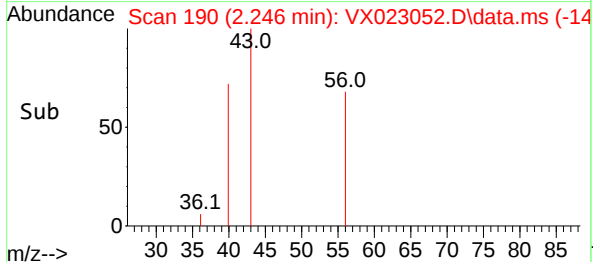
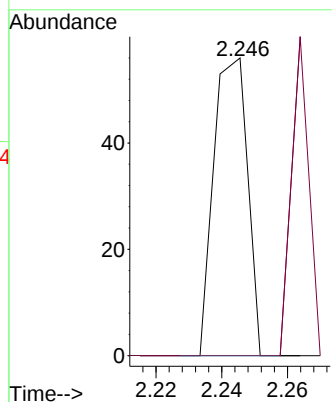
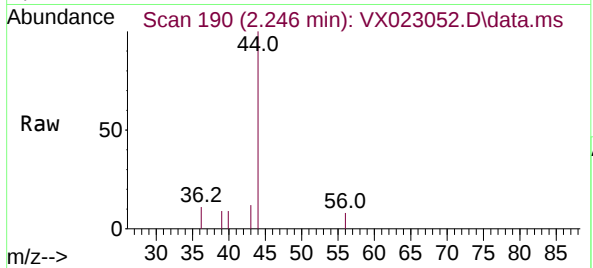




#13
Acrolein
Concen: 0.310 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

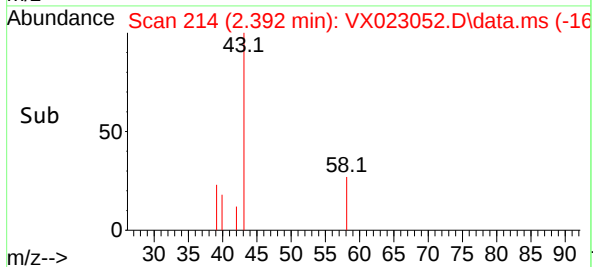
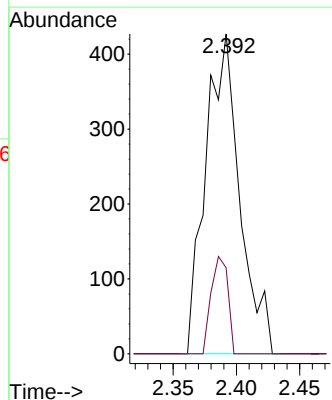
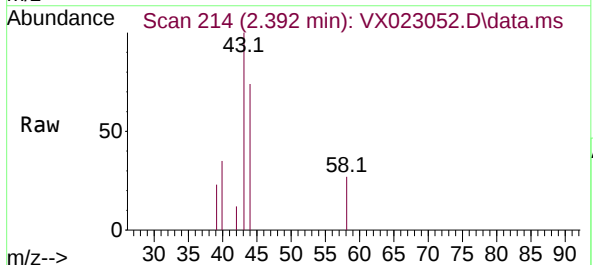
Instrument :
MSVOA_X
ClientSampled :

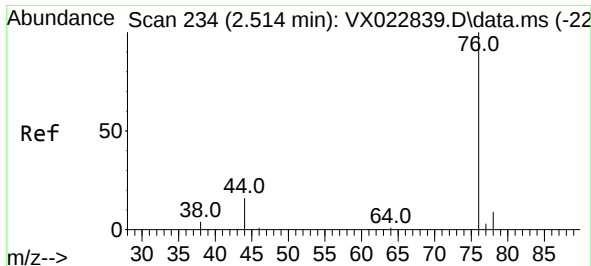
Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 55.0 56.4 84.6#



#16
Acetone
Concen: 1.812 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 26.9 27.8 41.8#

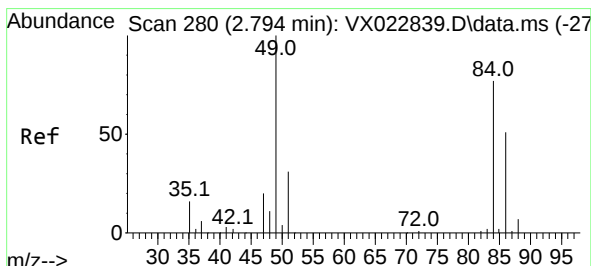
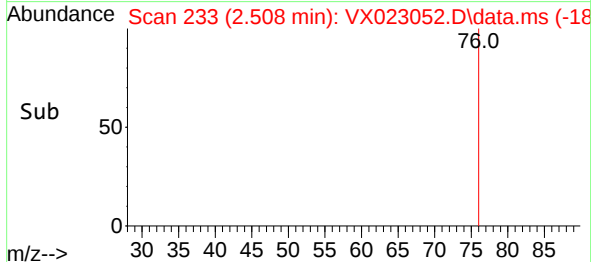
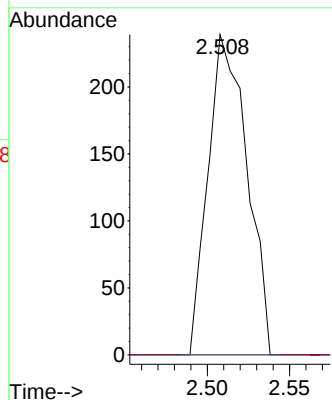
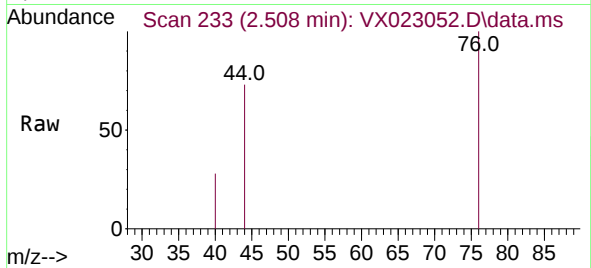




#17
Carbon Disulfide
Concen: 3.704 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

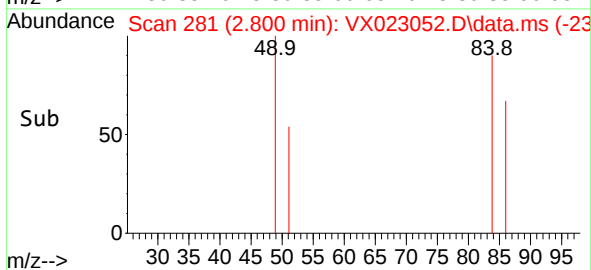
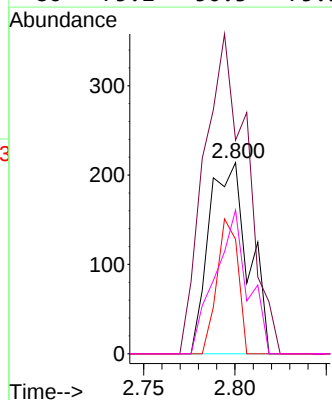
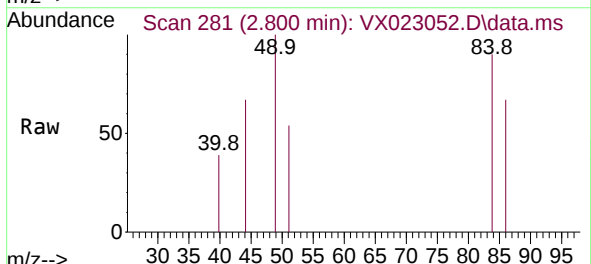
Instrument :
MSVOA_X
ClientSampled :

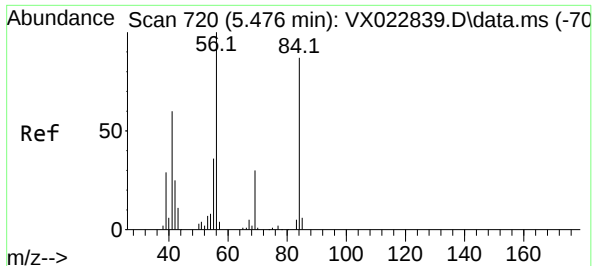
Tgt Ion: 76 Resp: 394
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.733 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

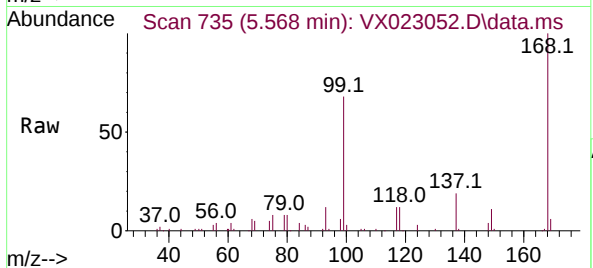
Tgt Ion: 84 Resp: 319
Ion Ratio Lower Upper
84 100
49 111.7 88.6 132.8
51 59.8 27.0 40.6#
86 75.2 50.3 75.5



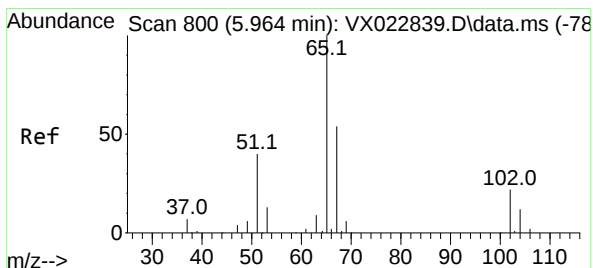
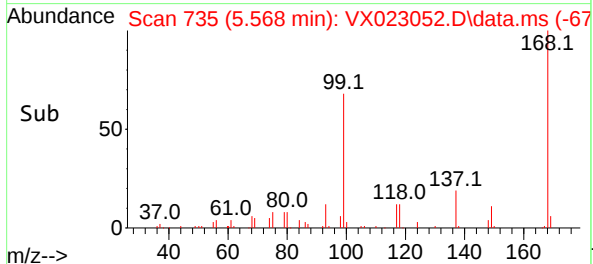
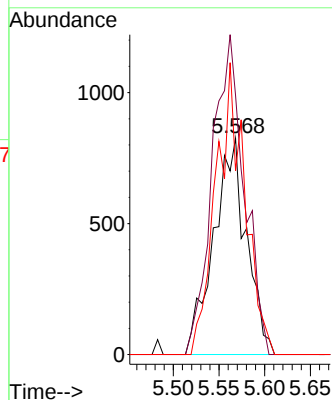


#31
Cyclohexane
Concen: 1.461 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.092 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

Instrument :
MSVOA_X
ClientSampleId :

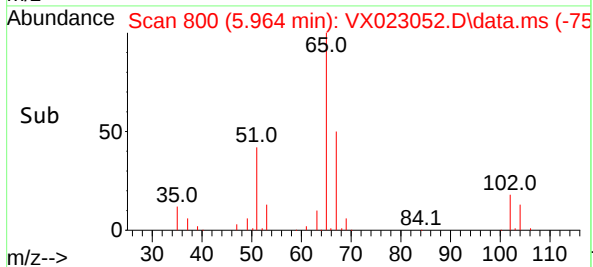
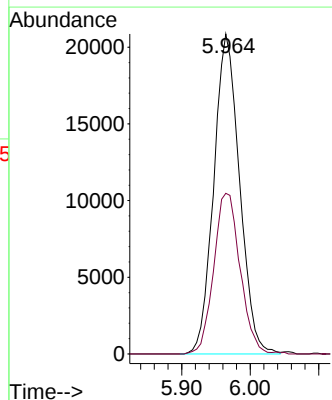
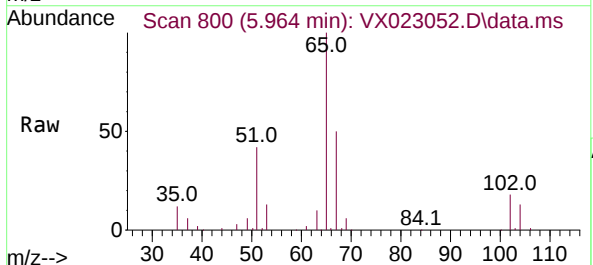


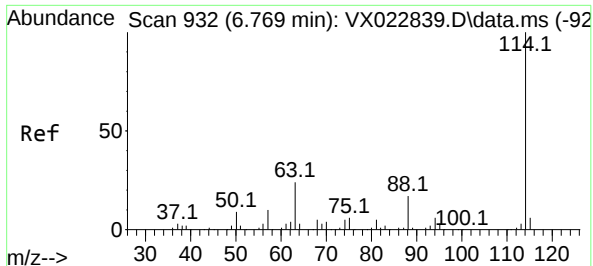
Tgt Ion: 56 Resp: 2056
Ion Ratio Lower Upper
56 100
69 119.7 25.3 37.9#
84 85.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 54.613 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

Tgt Ion: 65 Resp: 54452
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

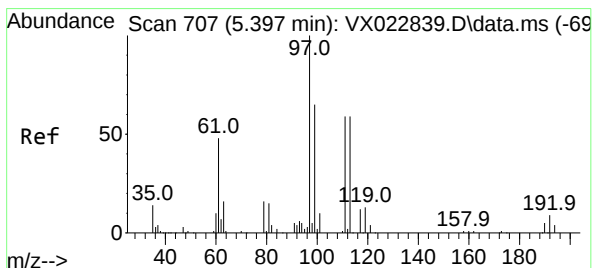
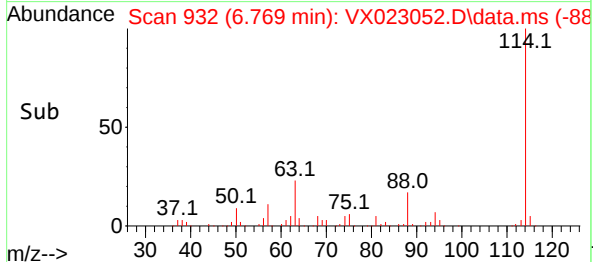
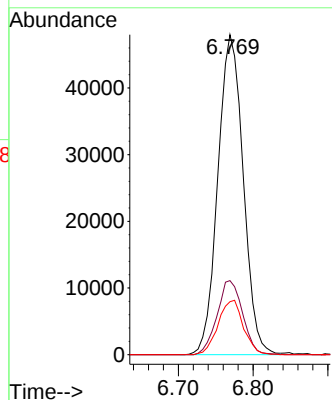
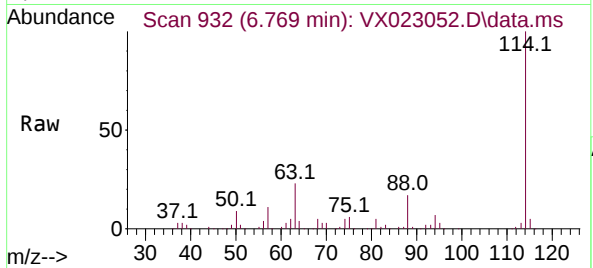




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

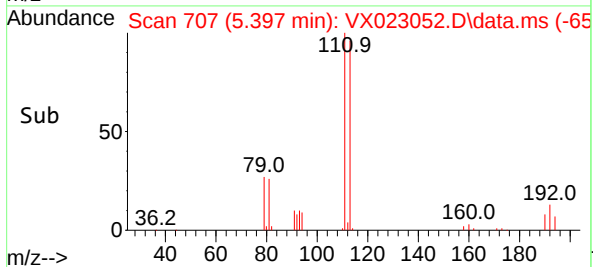
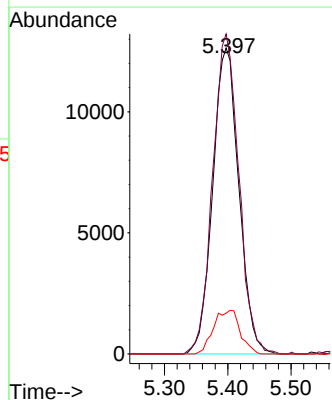
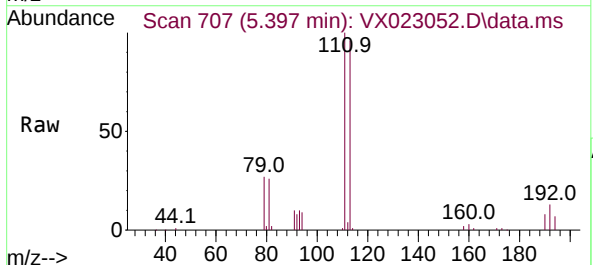
Instrument :
MSVOA_X
ClientSampled :

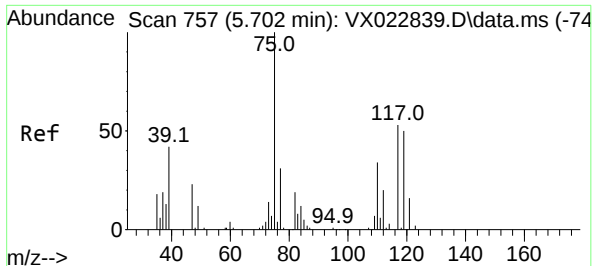
Tgt Ion:114 Resp: 113452
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.281 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

Tgt Ion:113 Resp: 36225
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 14.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.816 ug/l

RT: 5.562 min Scan# 734

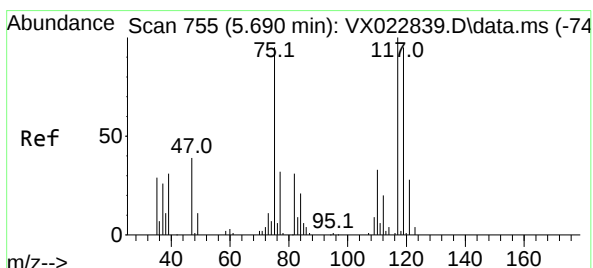
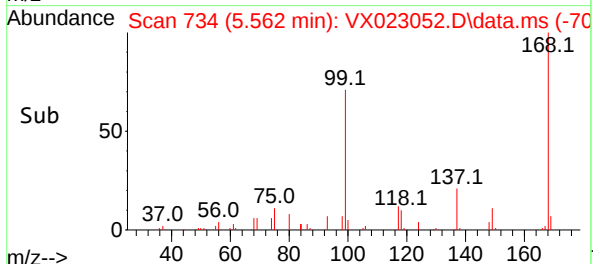
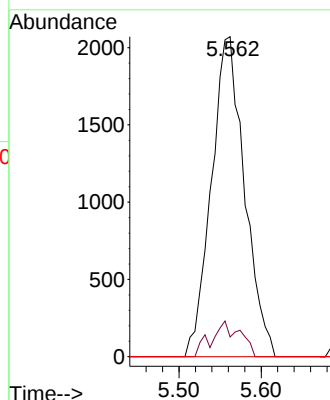
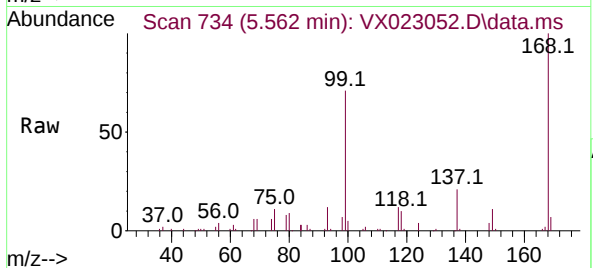
Delta R.T. -0.140 min

Lab File: VX023052.D

Acq: 30 Jun 2021 23:34

Tgt Ion:	75	Resp:	5804
Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 7.065 ug/l

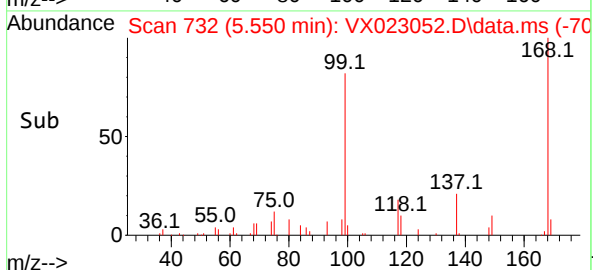
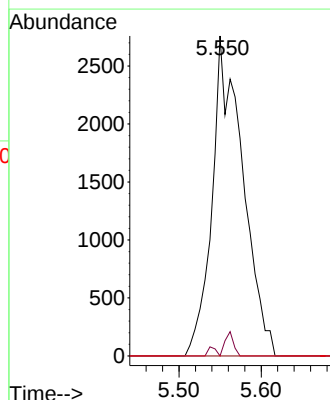
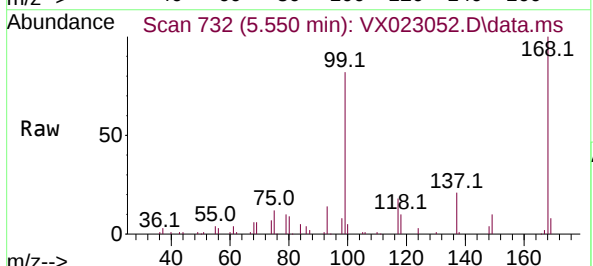
RT: 5.550 min Scan# 732

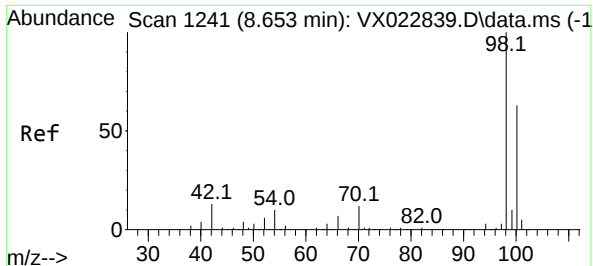
Delta R.T. -0.140 min

Lab File: VX023052.D

Acq: 30 Jun 2021 23:34

Tgt Ion:	117	Resp:	7141
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.2	114.2#
121	0.0	24.8	37.2#

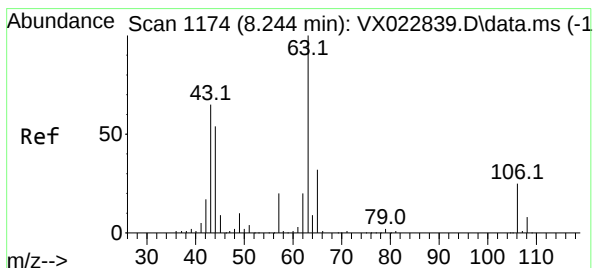
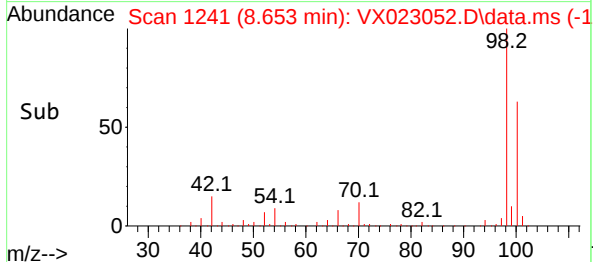
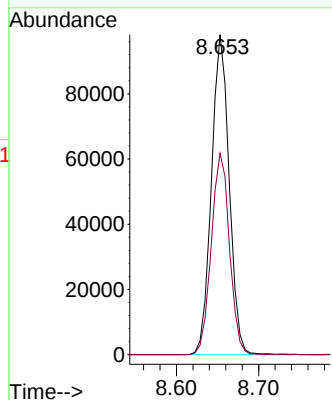
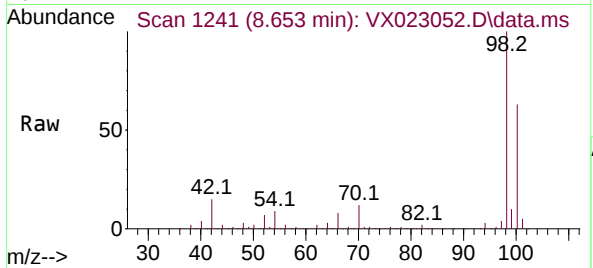




#50
Toluene-d8
Concen: 52.112 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

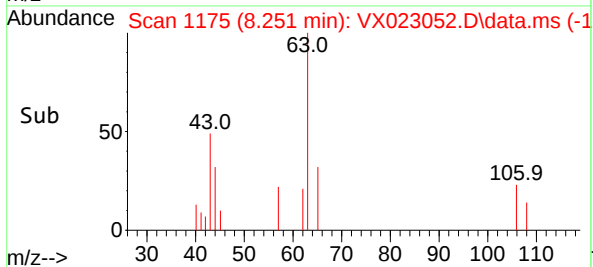
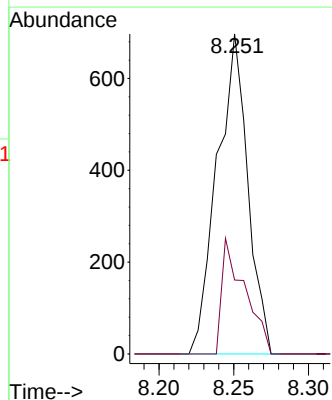
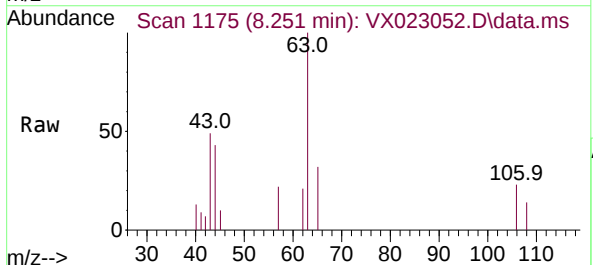
Instrument :
MSVOA_X
ClientSampled :

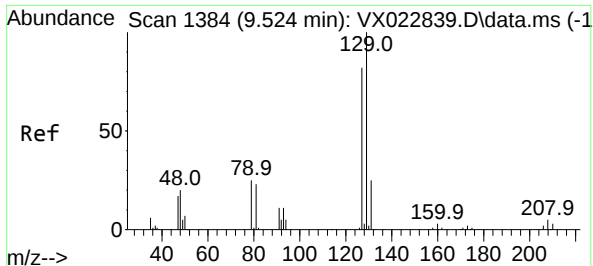
Tgt Ion: 98 Resp: 147143
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#58
2-Chloroethyl Vinyl ether
Concen: 6.466 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.007 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

Tgt Ion: 63 Resp: 992
Ion Ratio Lower Upper
63 100
106 27.1 23.5 35.3





#60

Dibromochloromethane

Concen: 3.675 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.249 min

Lab File: VX023052.D

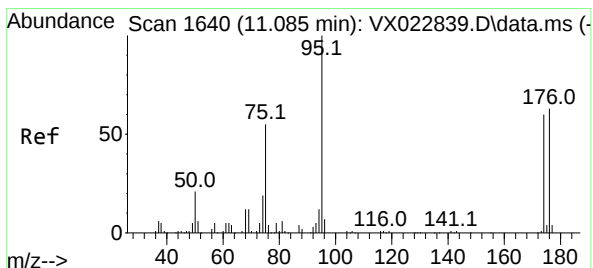
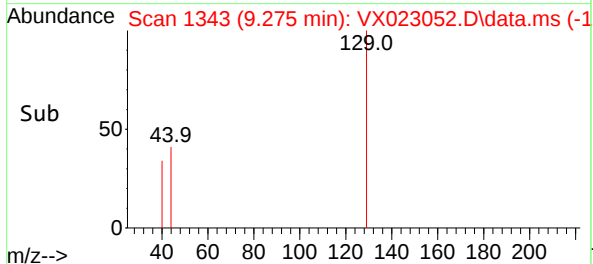
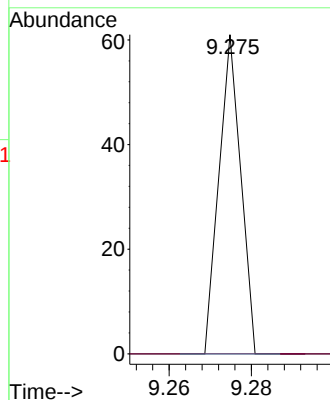
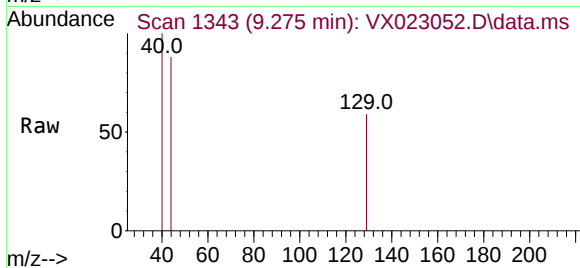
Acq: 30 Jun 2021 23:34

Tgt Ion:129 Resp: 22

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 48.311 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023052.D

Acq: 30 Jun 2021 23:34

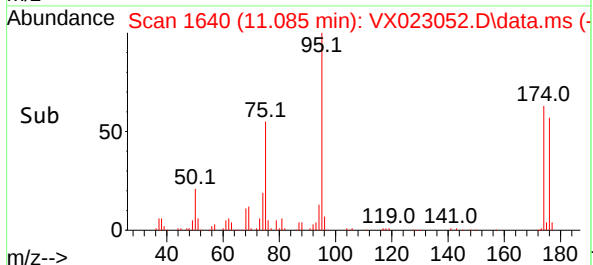
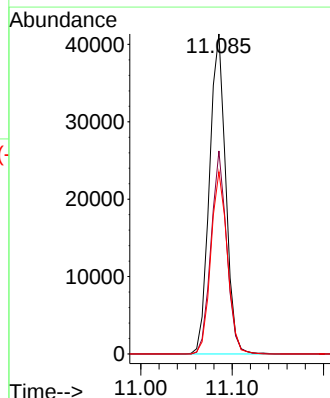
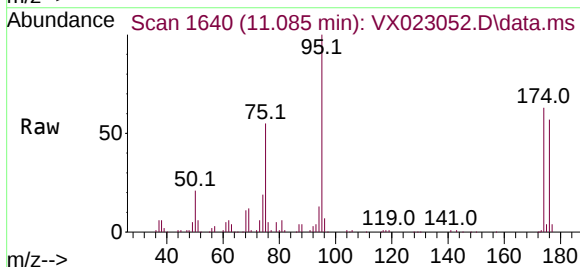
Tgt Ion: 95 Resp: 50909

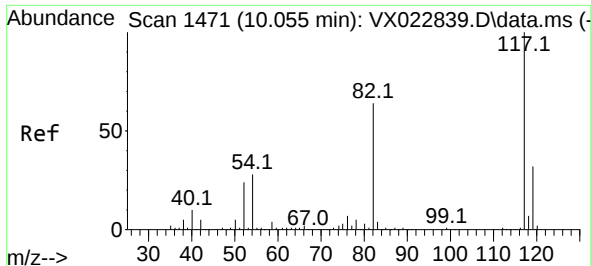
Ion Ratio Lower Upper

95 100

174 61.2 0.0 154.6

176 57.7 0.0 155.8

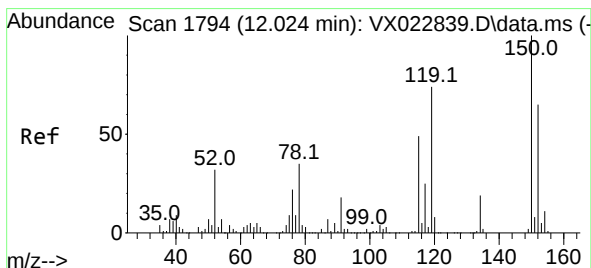
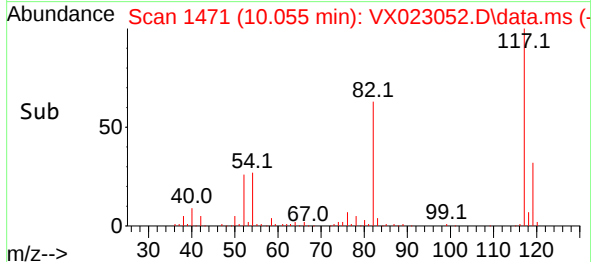
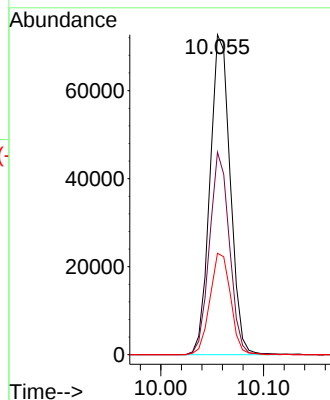
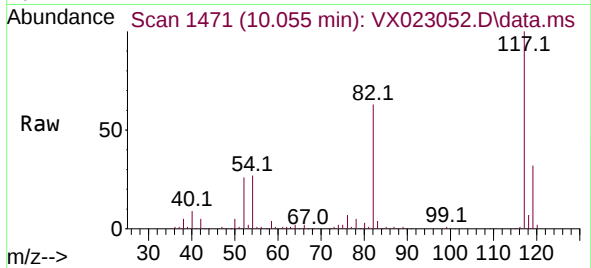




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

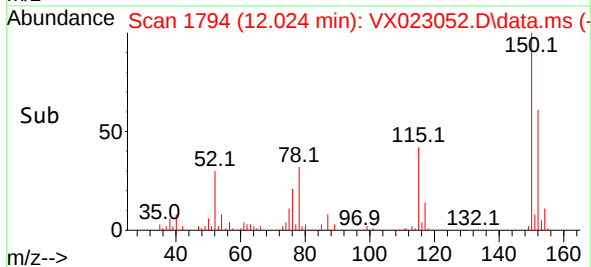
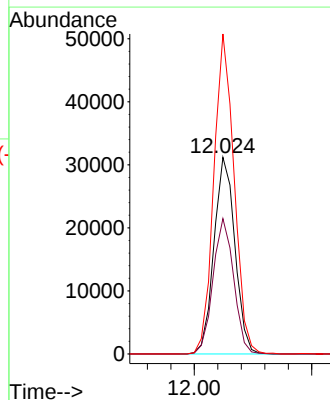
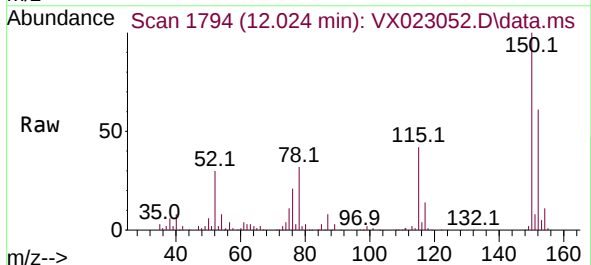
Instrument :
MSVOA_X
ClientSampled :

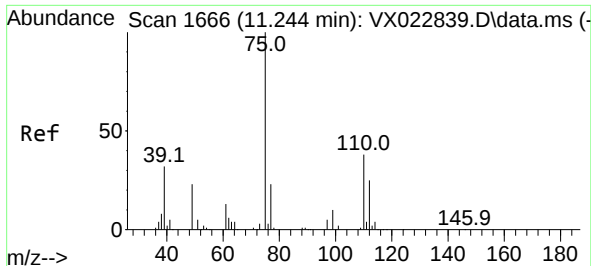
Tgt Ion:117 Resp: 99610
Ion Ratio Lower Upper
117 100
82 63.3 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

Tgt Ion:152 Resp: 38623
Ion Ratio Lower Upper
152 100
115 67.9 41.1 123.3
150 157.5 0.0 349.0

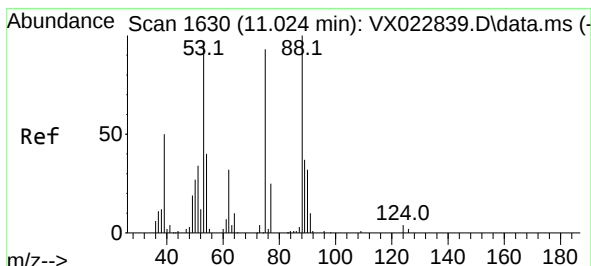
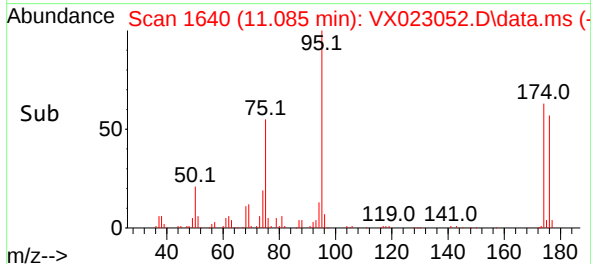
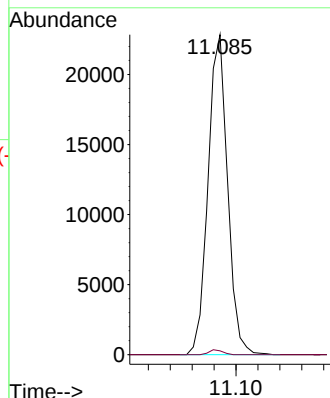
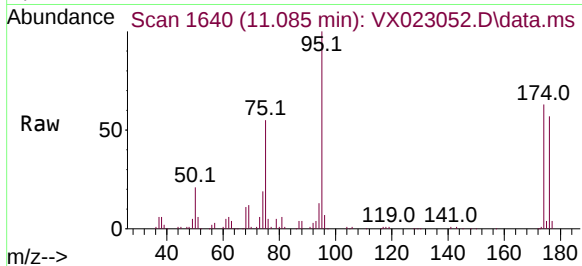




#76
1,2,3-Trichloropropane
Concen: 27.663 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

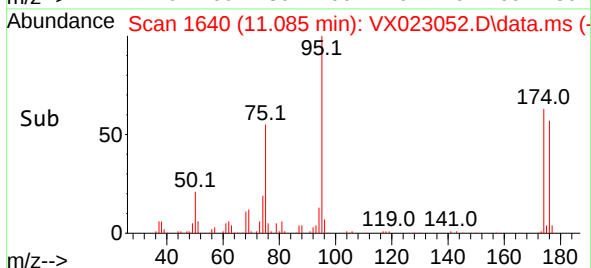
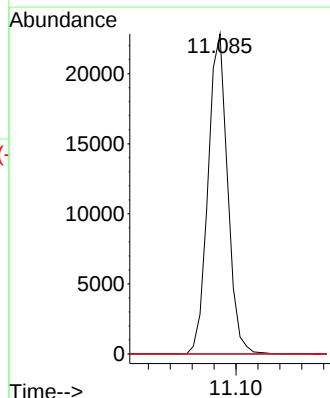
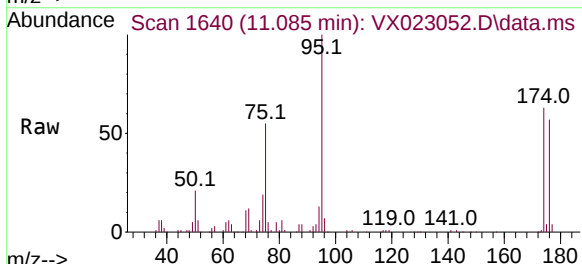
Instrument :
MSVOA_X
ClientSampled :

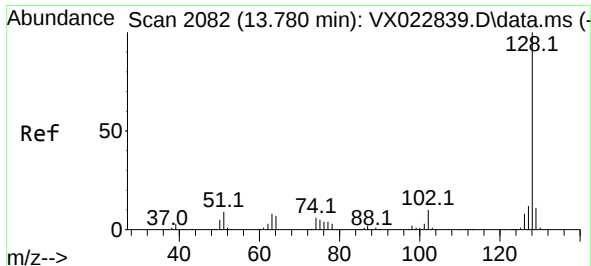
Tgt Ion: 75 Resp: 28221
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.499 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

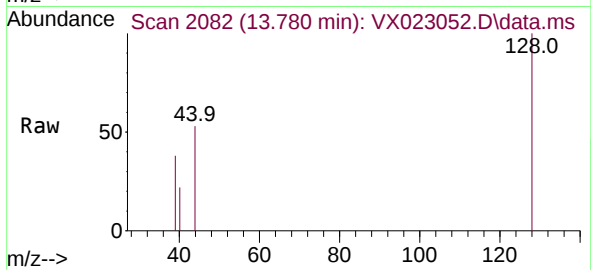
Tgt Ion: 75 Resp: 28221
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.027 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023052.D
Acq: 30 Jun 2021 23:34

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 341
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

