

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023032.D
 Acq On : 30 Jun 2021 14:33
 Operator : JC/MD
 Sample : M2892-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 03:26:16 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)

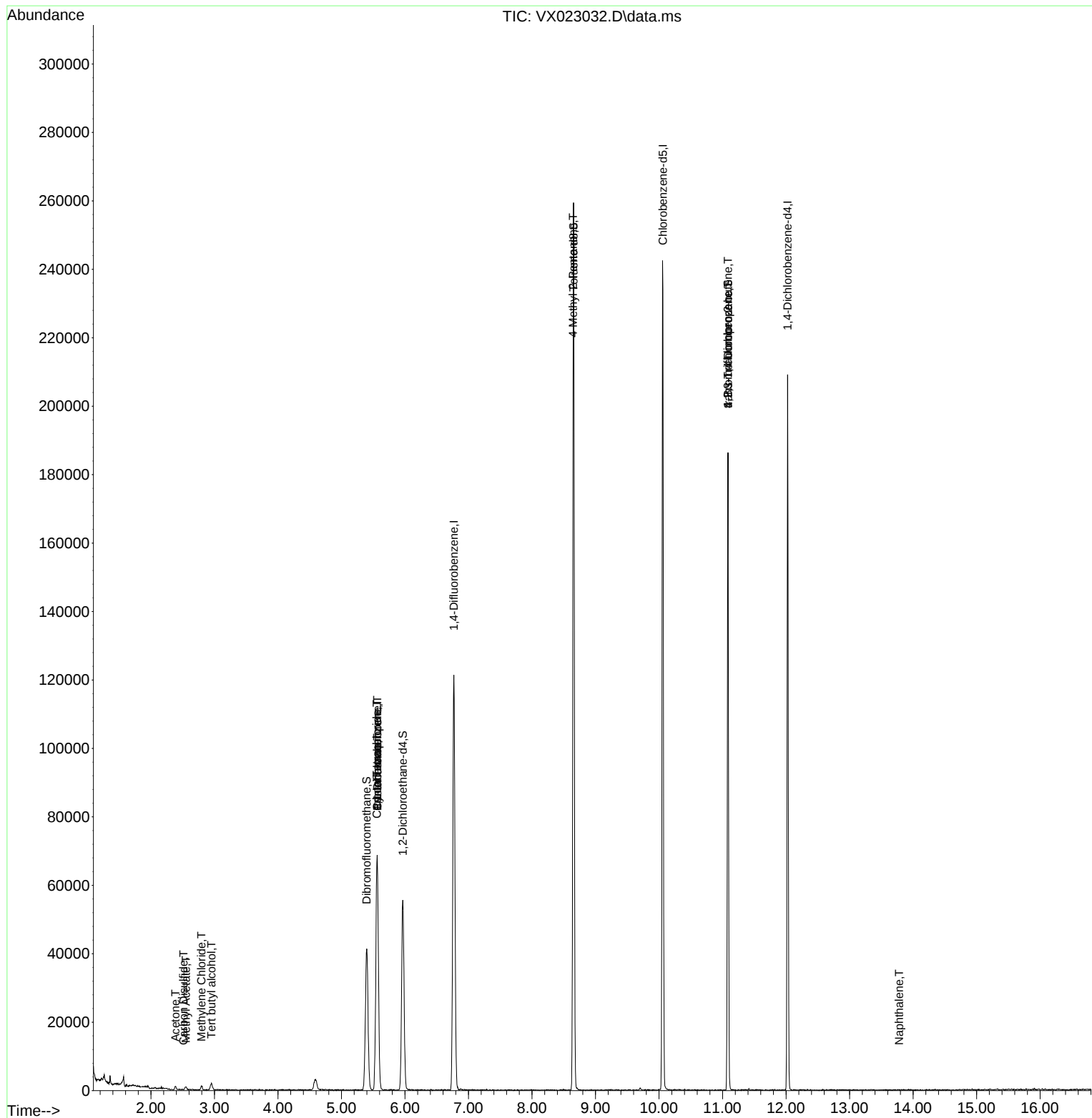
Internal Standards						
1) Pentafluorobenzene	5.562	168	55813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	113687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	99165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52308	51.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.280%	
35) Dibromofluoromethane	5.397	113	35510	49.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.380%	
50) Toluene-d8	8.653	98	139764	49.397	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	11.085	95	47991	45.448	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1306	6.187	ug/l	# 73
16) Acetone	2.386	43	1023	2.278	ug/l	# 87
17) Carbon Disulfide	2.514	76	40	3.534	ug/l	# 75
18) Methyl Acetate	2.550	43	396	0.358	ug/l	# 47
20) Methylene Chloride	2.794	84	482	0.909	ug/l	# 99
31) Cyclohexane	5.562	56	1718	1.201	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	6345	5.254	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	6917	6.829	ug/l	# 19
51) 4-Methyl-2-Pentanone	8.647	43	870	0.622	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	27480	29.135	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	27480	74.959	ug/l	# 12
95) Naphthalene	13.780	128	77	1.948	ug/l	# 69

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

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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

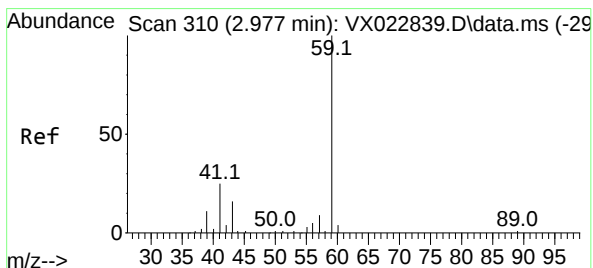
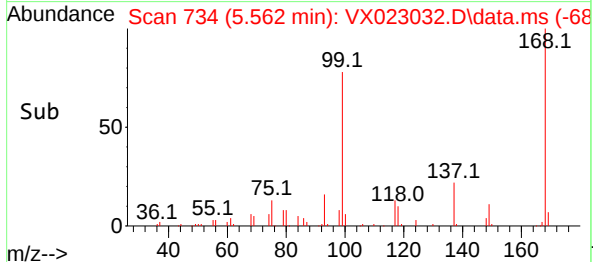
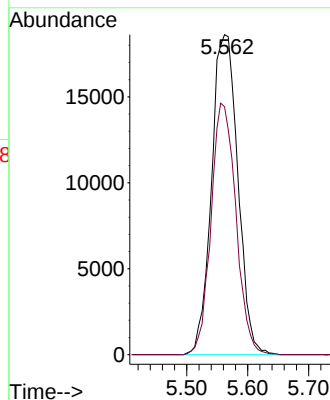
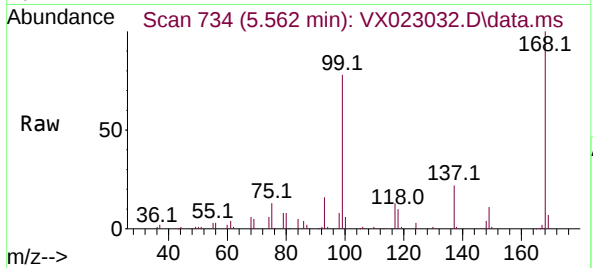




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

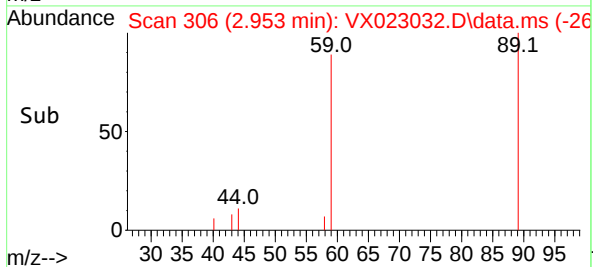
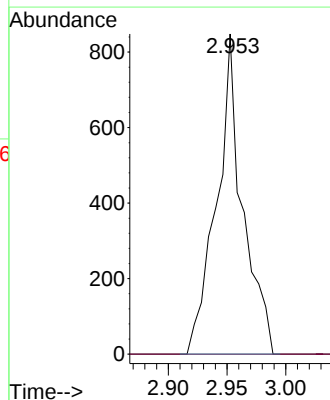
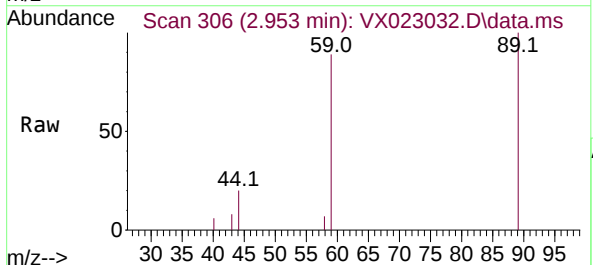
Instrument :
MSVOA_X
ClientSampleId :

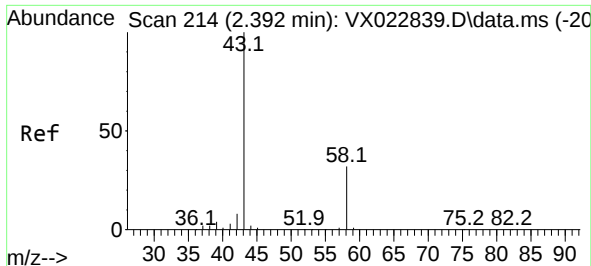
Tgt Ion:168 Resp: 55813
Ion Ratio Lower Upper
168 100
99 77.5 45.8 68.6#



#11
Tert butyl alcohol
Concen: 6.187 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

Tgt Ion: 59 Resp: 1306
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

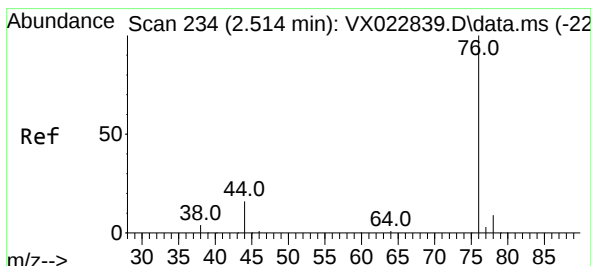
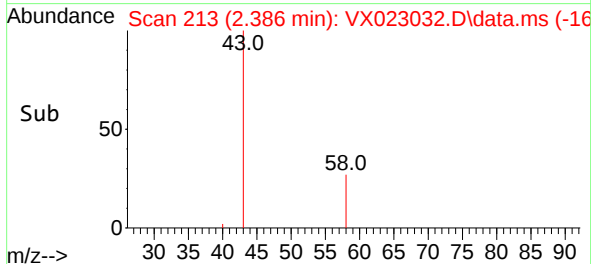
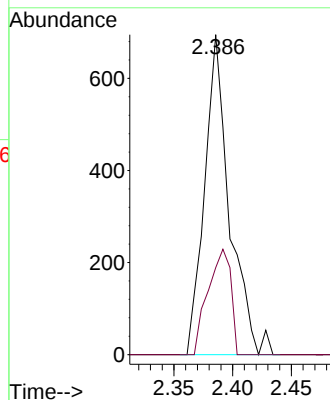
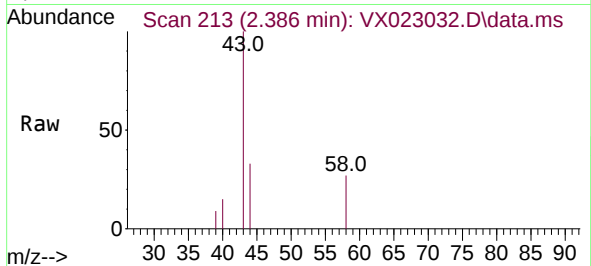




#16
Acetone
Concen: 2.278 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

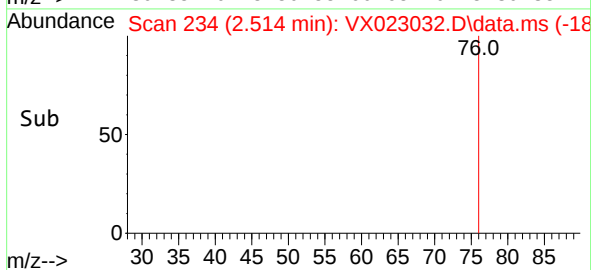
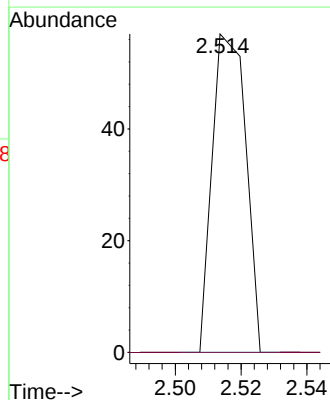
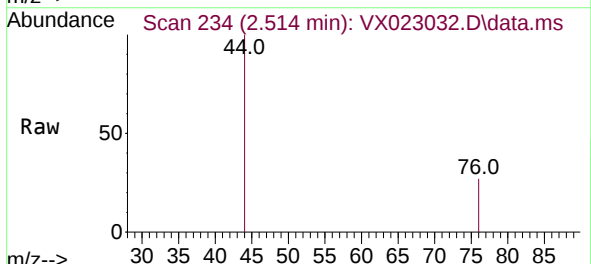
Instrument :
MSVOA_X
ClientSampled :

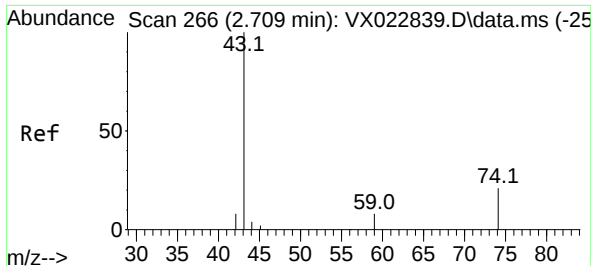
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.534 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

Tgt Ion: 76 Resp: 40
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

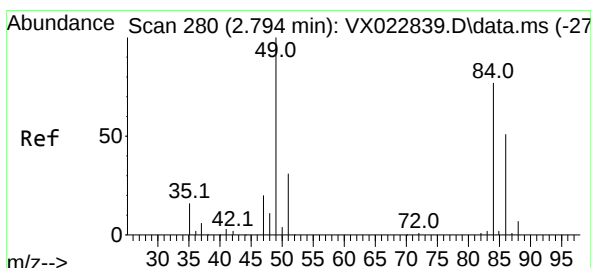
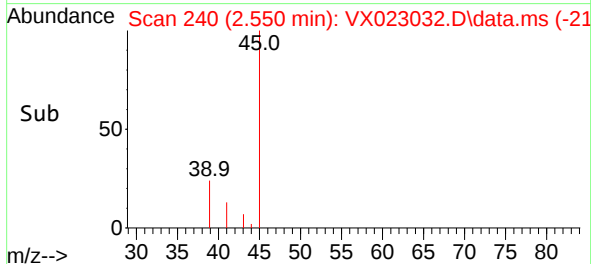
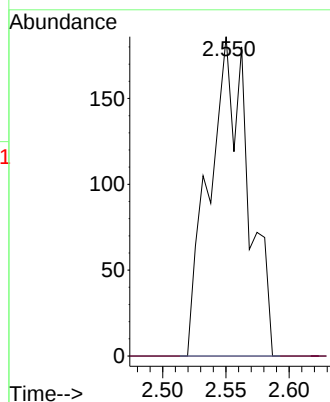
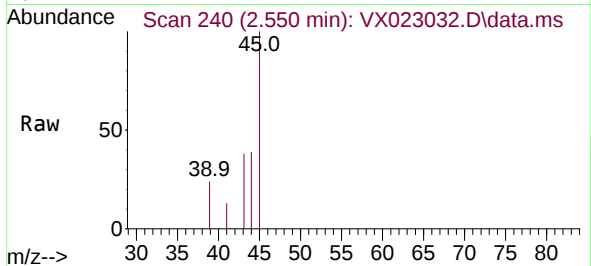




#18
Methyl Acetate
Concen: 0.358 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

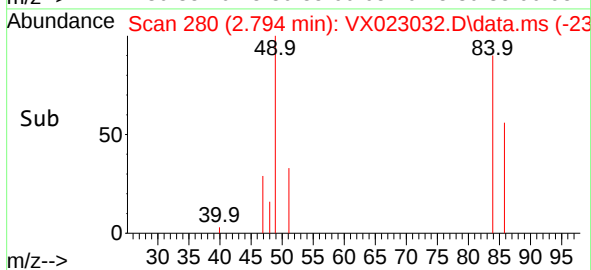
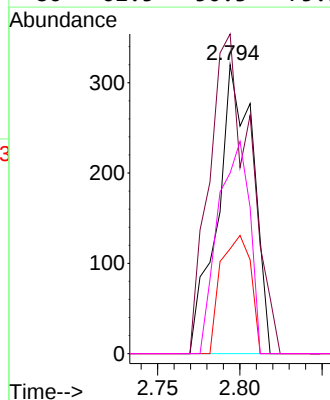
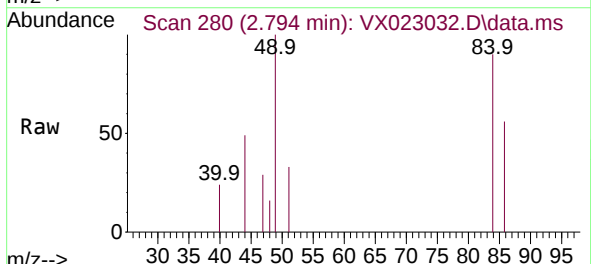
Instrument :
MSVOA_X
ClientSampled :

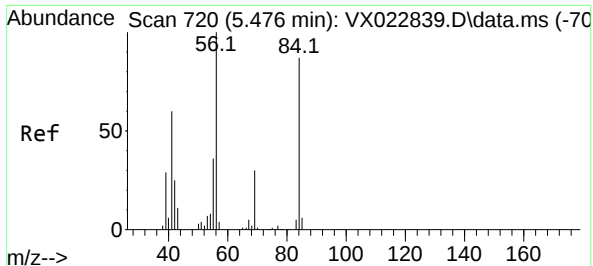
Tgt Ion: 43 Resp: 396
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.909 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

Tgt Ion: 84 Resp: 482
Ion Ratio Lower Upper
84 100
49 110.6 88.6 132.8
51 36.3 27.0 40.6
86 62.5 50.3 75.5

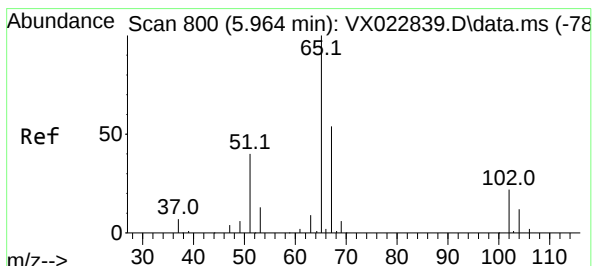
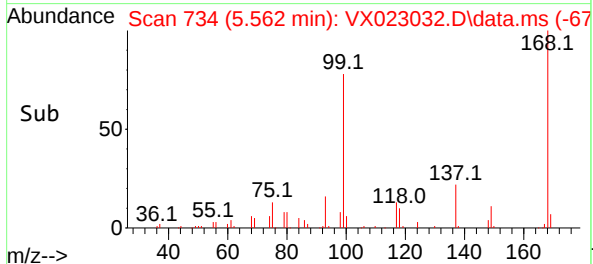
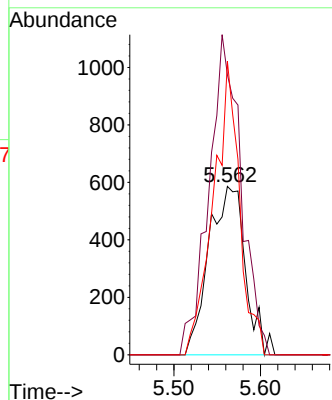
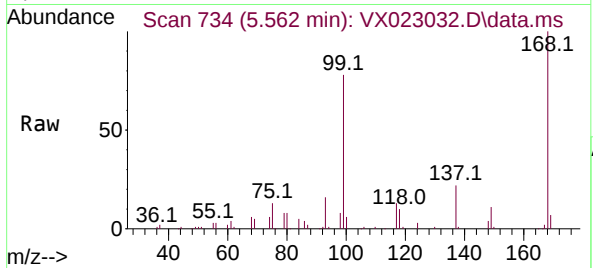




#31
Cyclohexane
Concen: 1.201 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

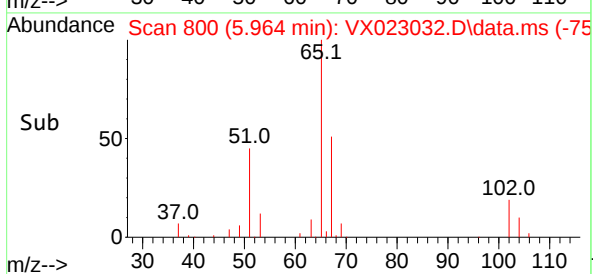
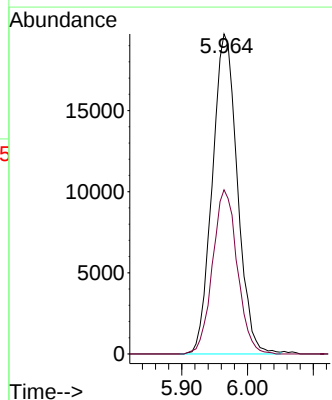
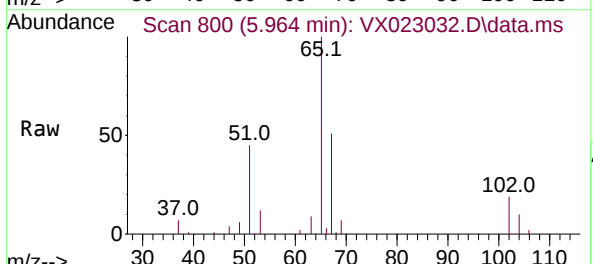
Instrument :
MSVOA_X
ClientSampleId :

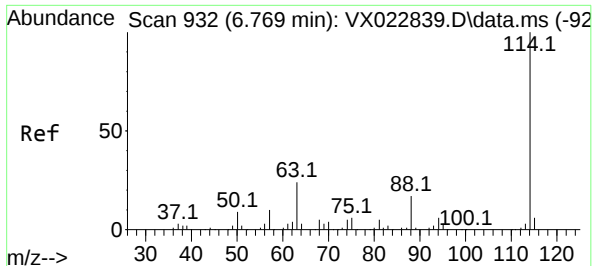
Tgt Ion: 56 Resp: 1718
Ion Ratio Lower Upper
56 100
69 166.4 25.3 37.9#
84 174.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.642 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

Tgt Ion: 65 Resp: 52308
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

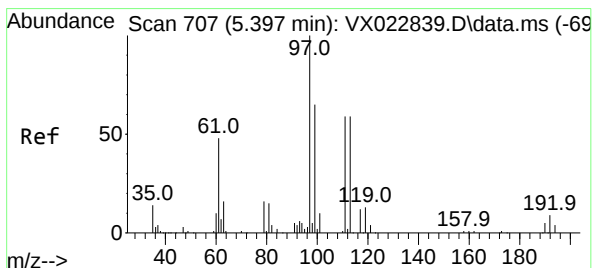
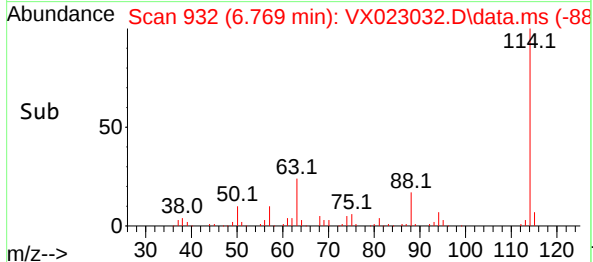
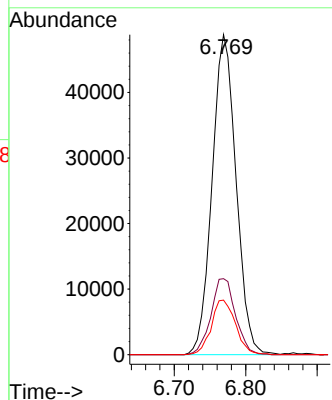
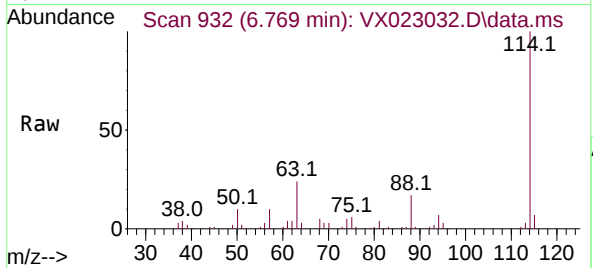




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

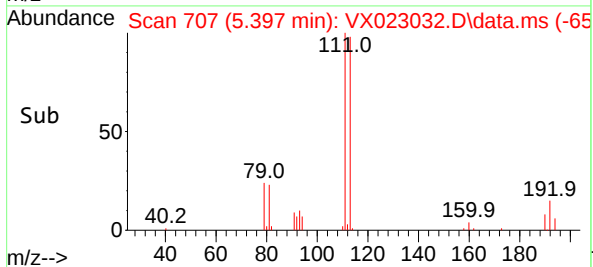
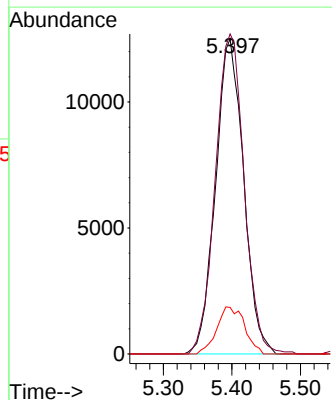
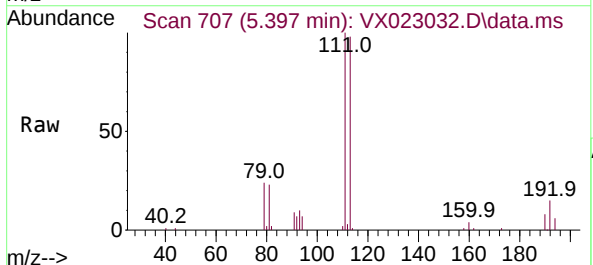
Instrument :
MSVOA_X
ClientSampleId :

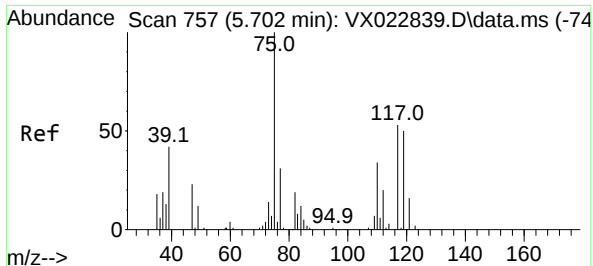
Tgt Ion:114 Resp: 113687
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.187 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

Tgt Ion:113 Resp: 35510
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 14.8 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.254 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023032.D

Acq: 30 Jun 2021 14:33

Tgt Ion: 75 Resp: 6345

Ion Ratio Lower Upper

75 100

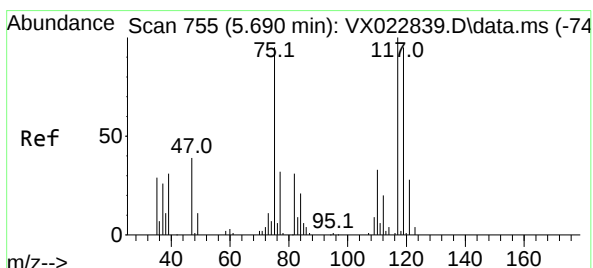
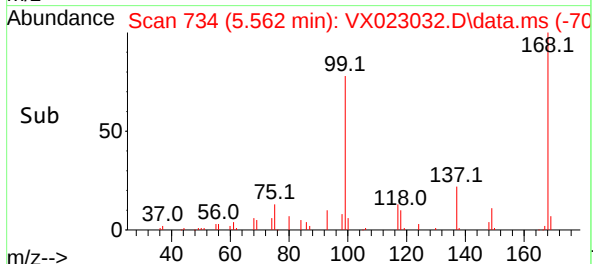
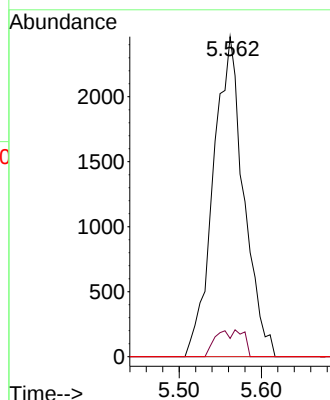
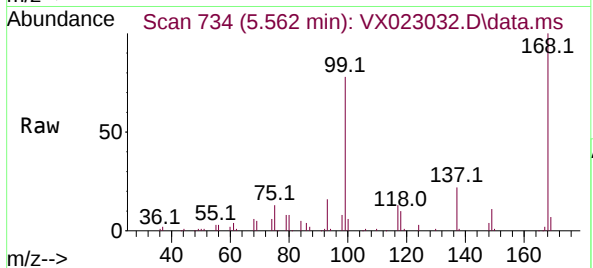
110 4.3 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.829 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX023032.D

Acq: 30 Jun 2021 14:33

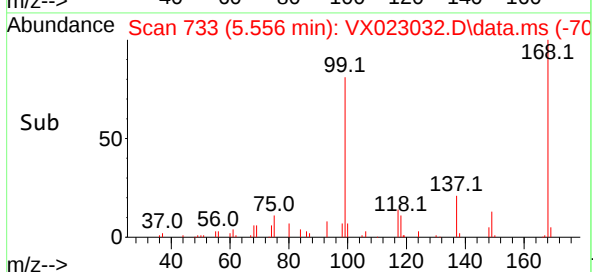
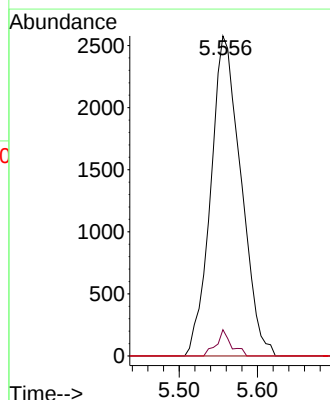
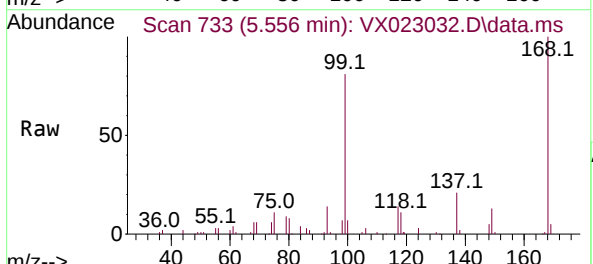
Tgt Ion: 117 Resp: 6917

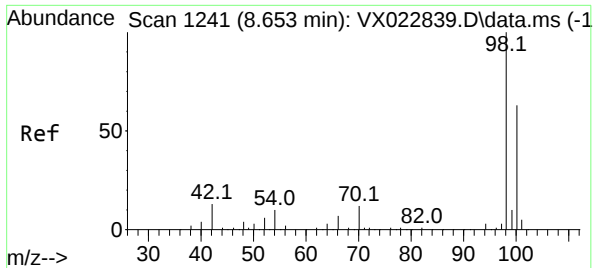
Ion Ratio Lower Upper

117 100

119 8.2 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.397 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023032.D

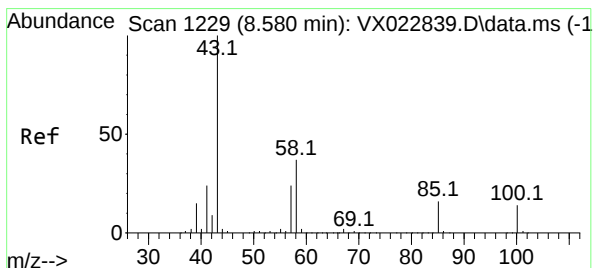
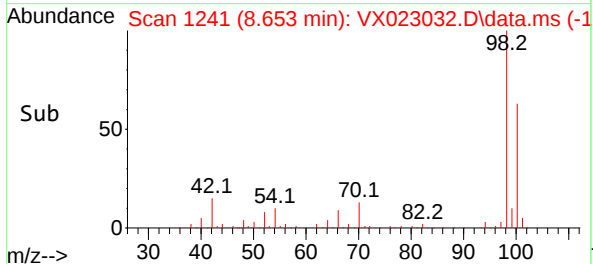
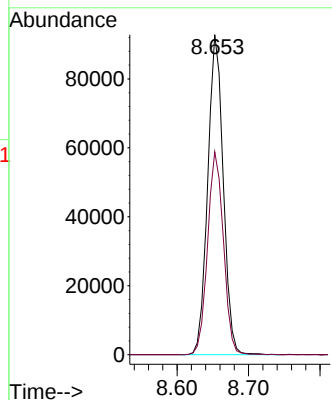
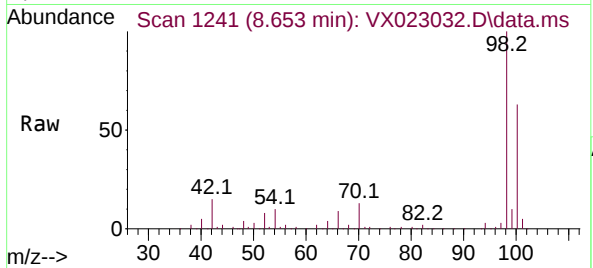
Acq: 30 Jun 2021 14:33

Tgt Ion: 98 Resp: 139764

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.622 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX023032.D

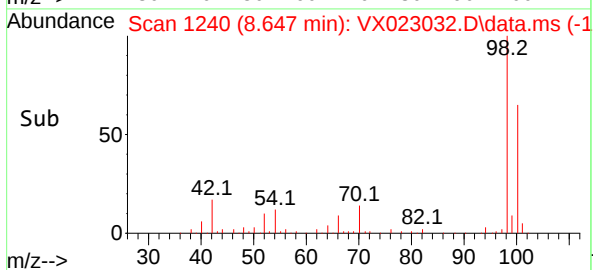
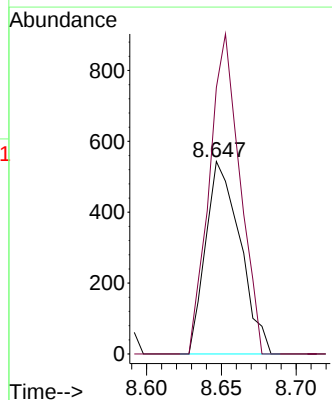
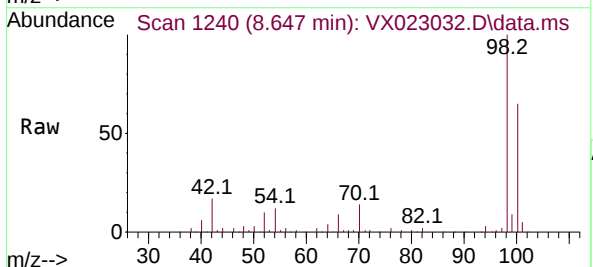
Acq: 30 Jun 2021 14:33

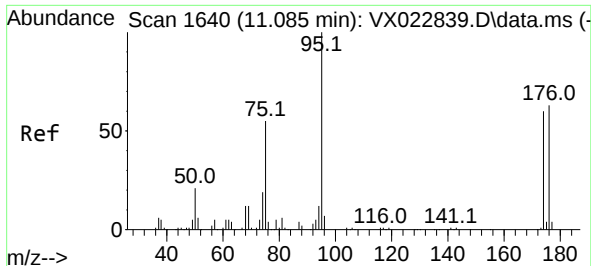
Tgt Ion: 43 Resp: 870

Ion Ratio Lower Upper

43 100

58 147.5 35.4 53.0#

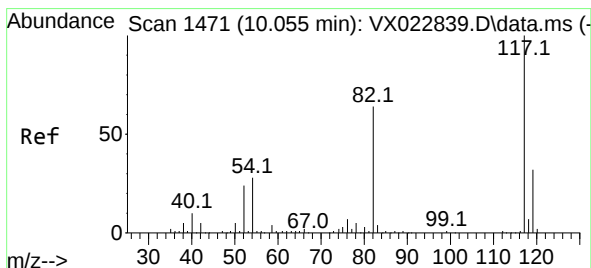
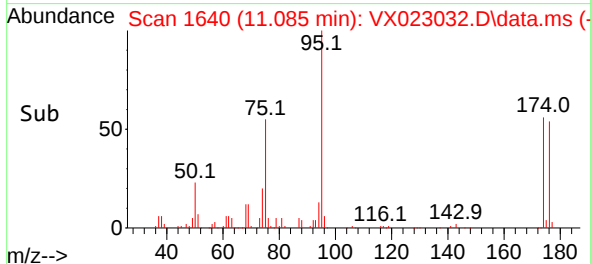
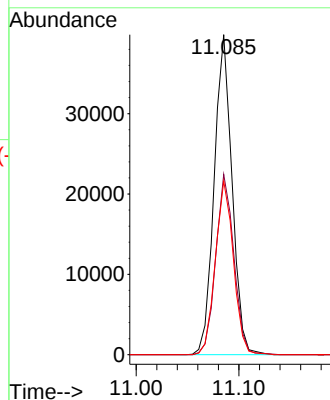
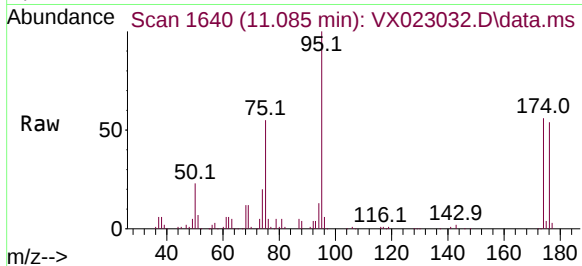




#62
4-Bromofluorobenzene
Concen: 45.448 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

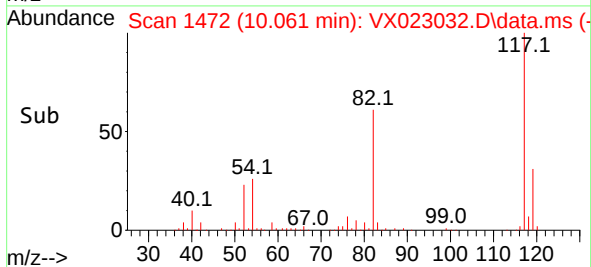
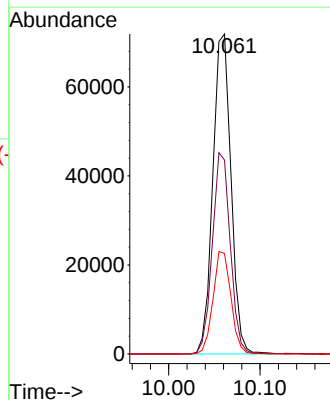
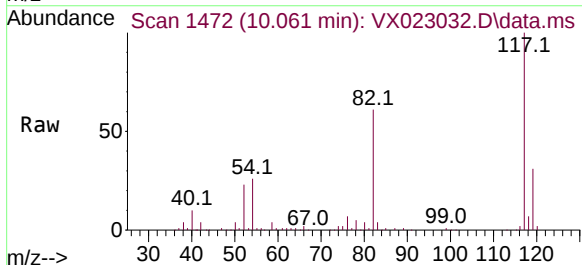
Instrument :
MSVOA_X
ClientSampleId :

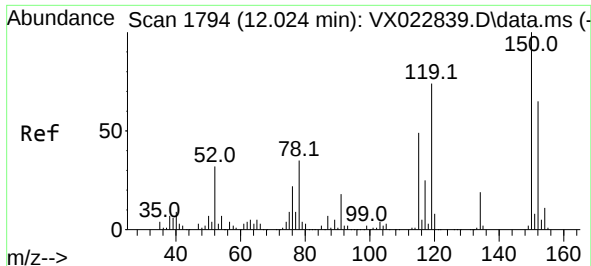
Tgt Ion: 95 Resp: 47991
Ion Ratio Lower Upper
95 100
174 57.1 0.0 154.6
176 54.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

Tgt Ion: 117 Resp: 99165
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 31.4 26.6 39.8

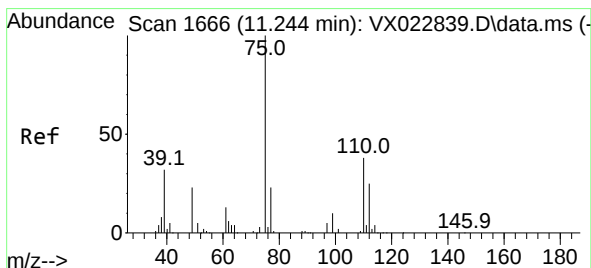
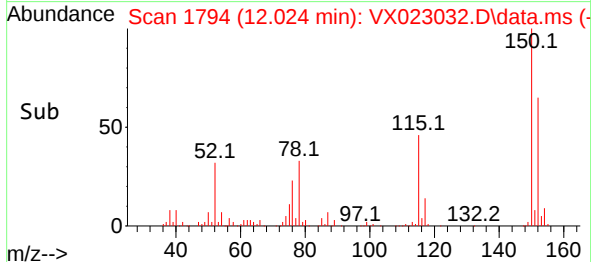
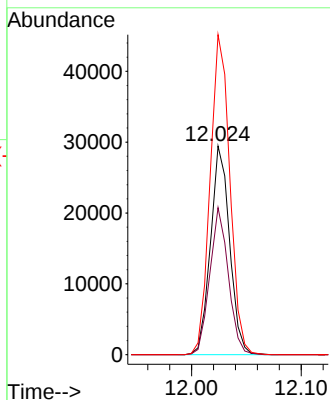
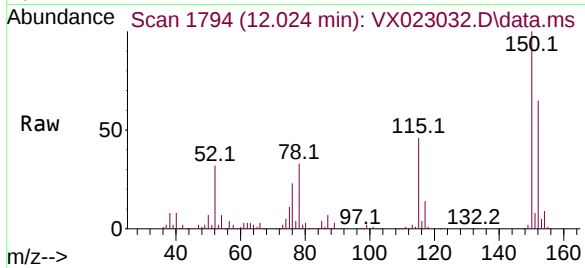




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023032.D
 Acq: 30 Jun 2021 14:33

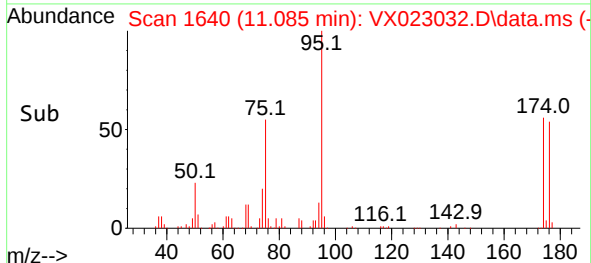
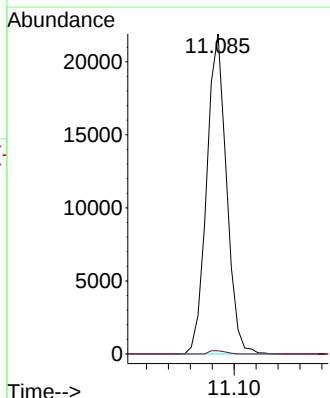
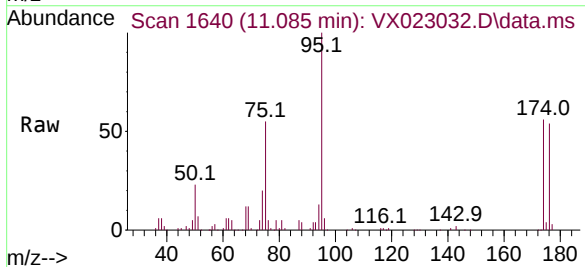
Instrument :
 MSVOA_X
 ClientSampled :

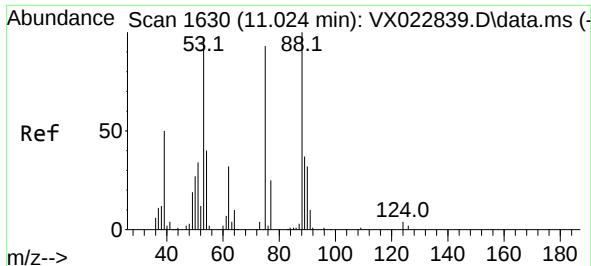
Tgt Ion:152 Resp: 35708
 Ion Ratio Lower Upper
 152 100
 115 68.3 41.1 123.3
 150 157.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.135 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023032.D
 Acq: 30 Jun 2021 14:33

Tgt Ion: 75 Resp: 27480
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.1 57.5#

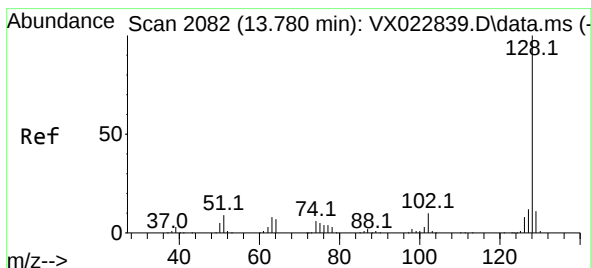
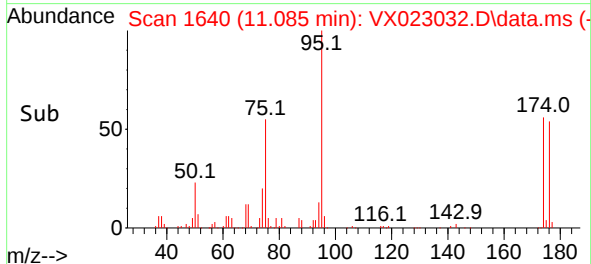
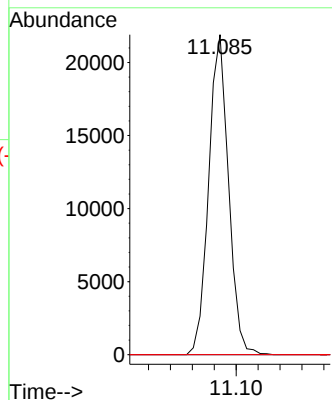
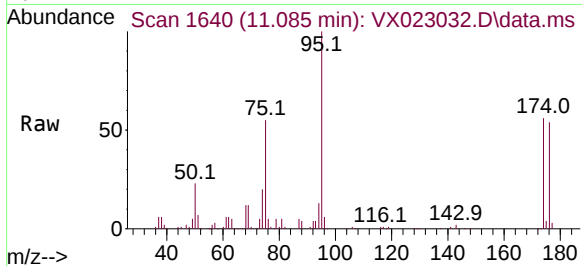




#81
trans-1,4-Dichloro-2-butene
Concen: 74.959 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27480
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.948 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023032.D
Acq: 30 Jun 2021 14:33

Tgt Ion:128 Resp: 77
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

