

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022790.D
 Acq On : 21 Jun 2021 13:27
 Operator : JC/MD
 Sample : M2753-01DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 01:12:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

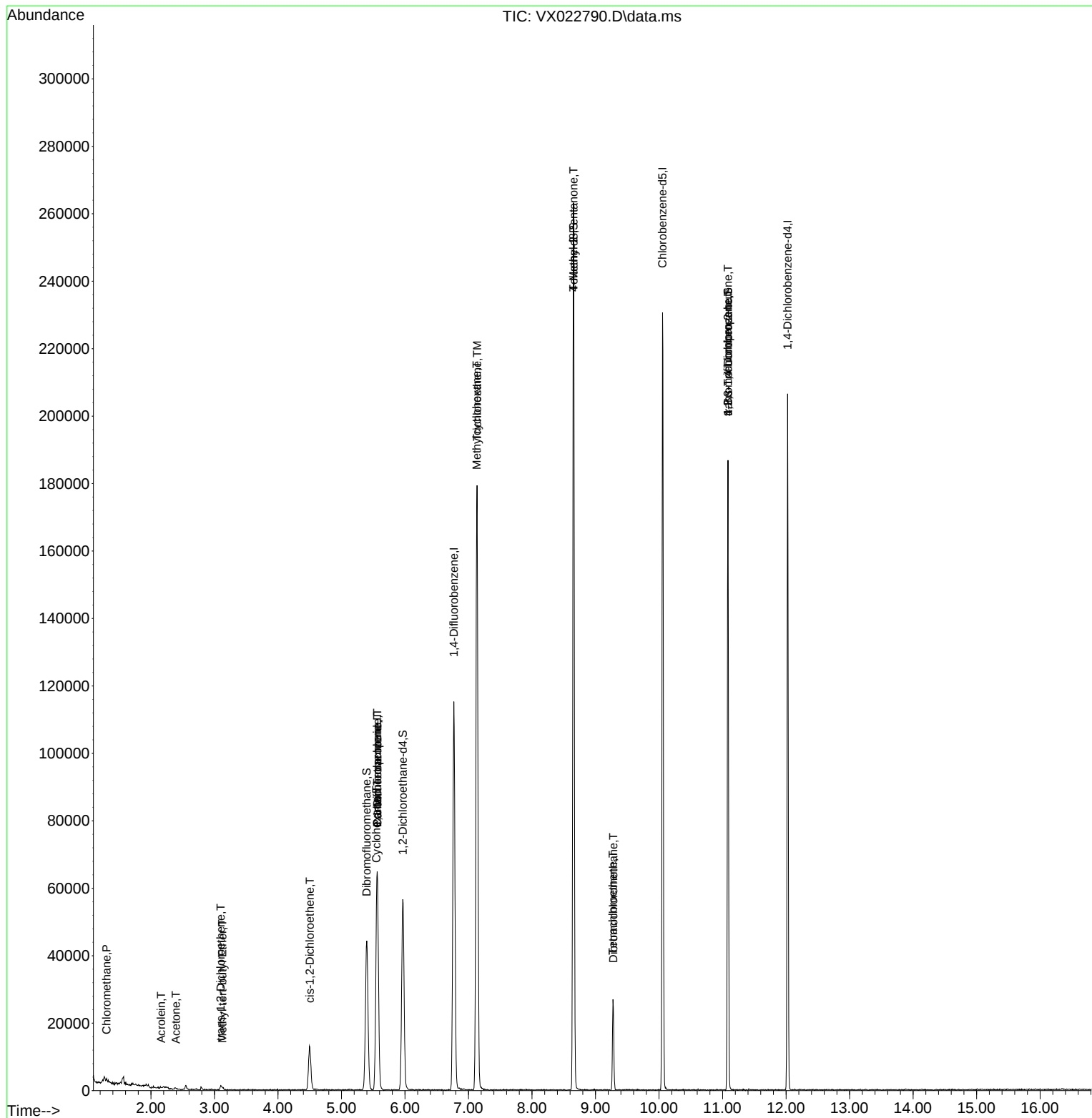
Internal Standards						
1) Pentafluorobenzene	5.562	168	55519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	111182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52582	52.661	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.320%		
35) Dibromofluoromethane	5.397	113	37991	53.556	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.120%		
50) Toluene-d8	8.653	98	147893	52.888	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.780%		
62) 4-Bromofluorobenzene	11.085	95	49665	46.961	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.920%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	195	0.248	ug/l #	42
13) Acrolein	2.160	56	22	0.227	ug/l #	14
16) Acetone	2.392	43	567	1.268	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	814	0.348	ug/l #	55
21) trans-1,2-Dichloroethene	3.099	96	519	0.695	ug/l	89
27) cis-1,2-Dichloroethene	4.501	96	7951	8.737	ug/l	89
31) Cyclohexane	5.550	56	1670	1.386	ug/l #	51
36) 1,1-Dichloropropene	5.562	75	5662	5.111	ug/l #	49
38) Carbon Tetrachloride	5.562	117	6396	6.750	ug/l #	18
39) Methylcyclohexane	7.129	83	819	0.709	ug/l #	1
44) Trichloroethene	7.135	130	62291	80.512	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	727	0.515	ug/l #	1
60) Dibromochloromethane	9.281	129	4906	8.743	ug/l #	11
64) Tetrachloroethene	9.275	164	4505	7.367	ug/l	87
76) 1,2,3-Trichloropropane	11.085	75	27530	29.063	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27530	72.202	ug/l #	12

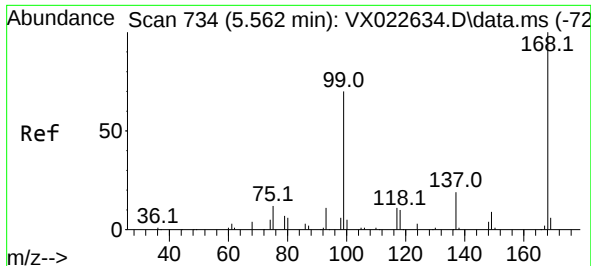
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

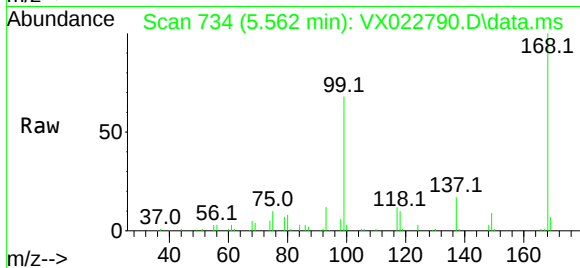
Quant Time: Jun 22 01:12:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



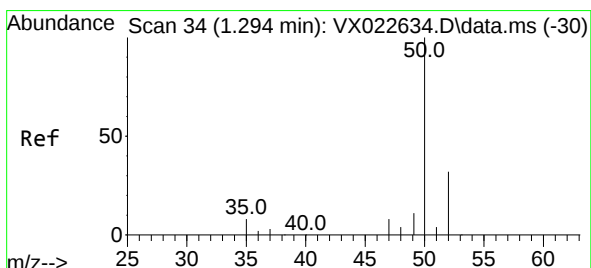
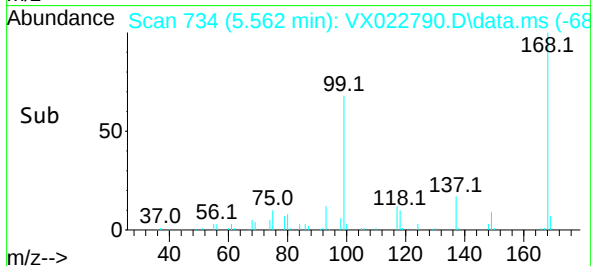
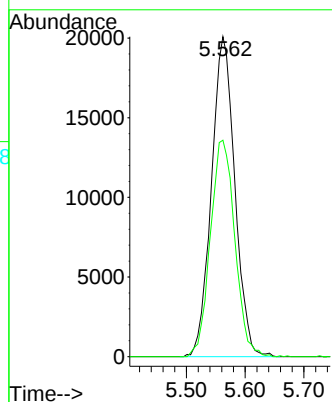


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Instrument :
MSVOA_X
ClientSampled :

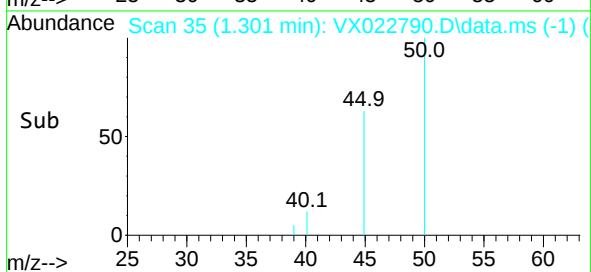
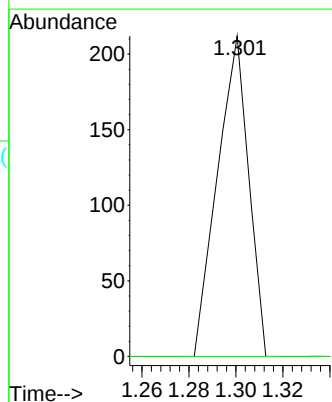
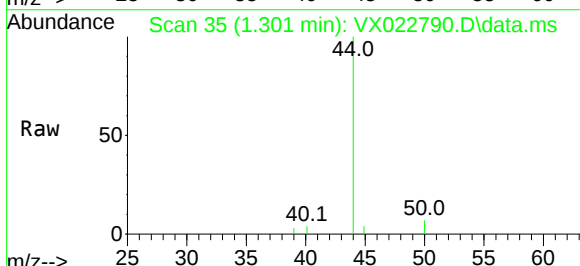


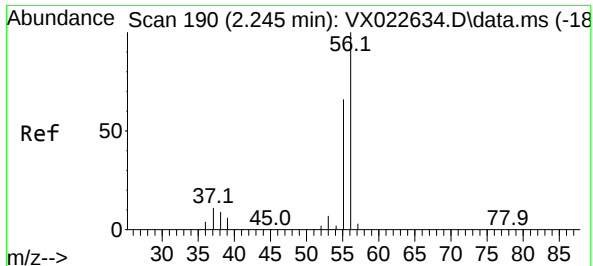
Tgt Ion:168 Resp: 55519
Ion Ratio Lower Upper
168 100
99 67.7 45.8 68.6



#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Tgt Ion: 50 Resp: 195
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

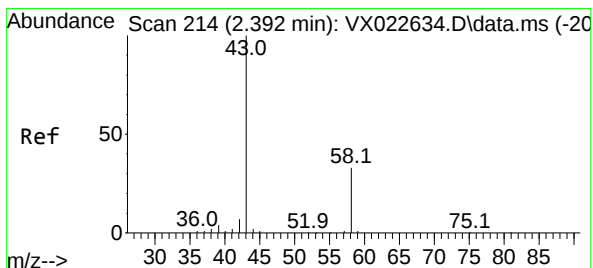
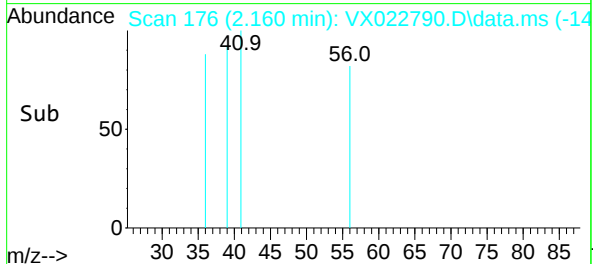
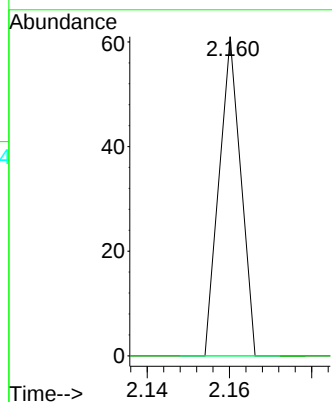
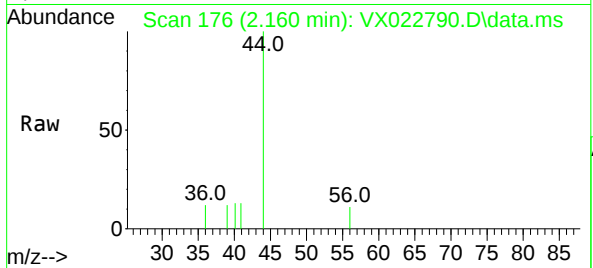




#13
Acrolein
Concen: 0.227 ug/l
RT: 2.160 min Scan# 176
Delta R.T. -0.079 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

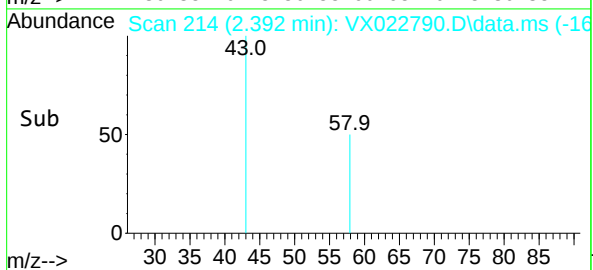
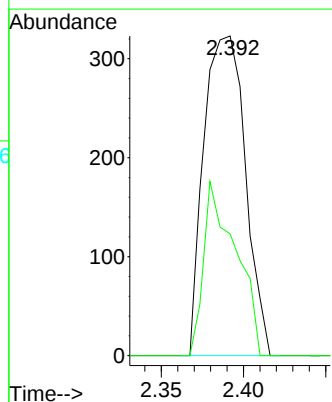
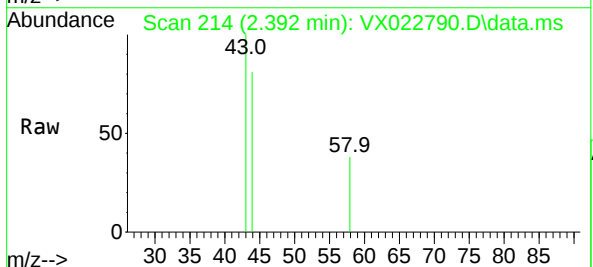
Instrument :
MSVOA_X
ClientSampled :

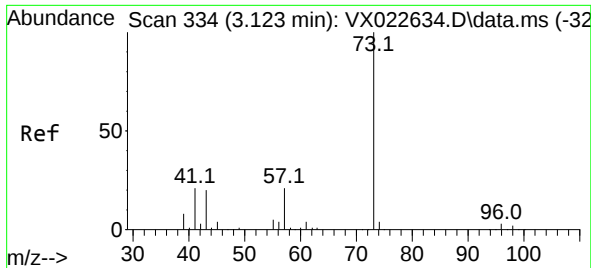
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.268 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
58 38.1 27.8 41.8

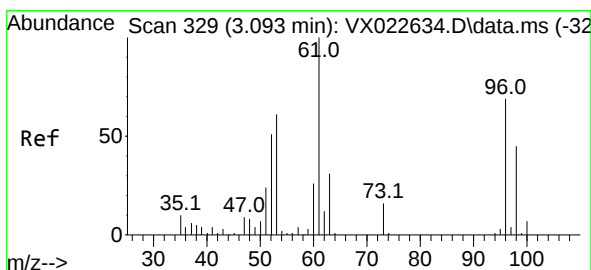
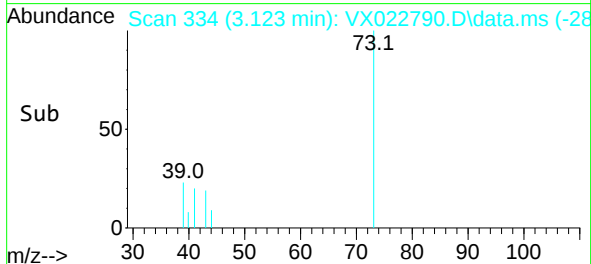
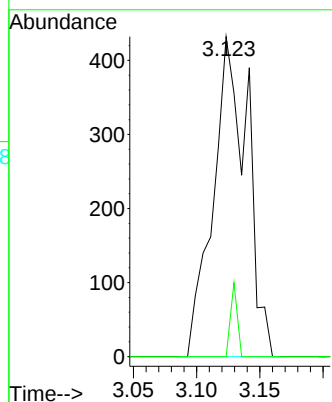
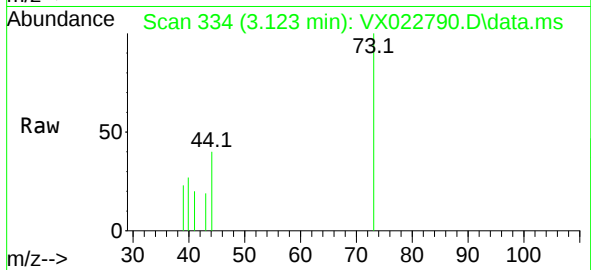




#19
Methyl tert-butyl Ether
Concen: 0.348 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

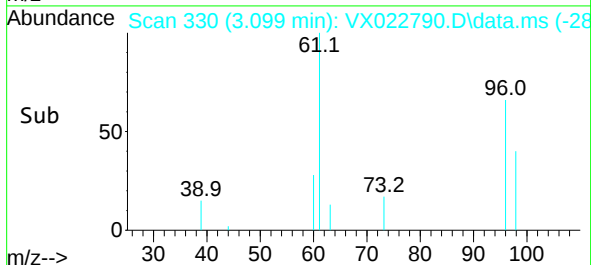
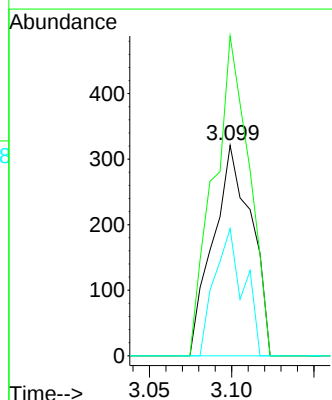
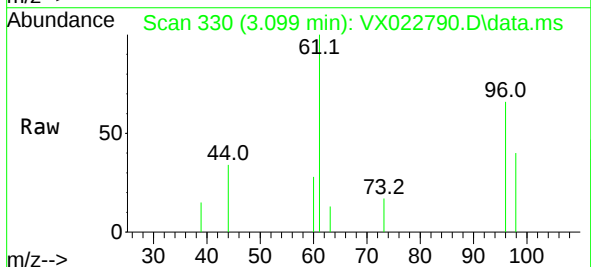
Instrument :
MSVOA_X
ClientSampled :

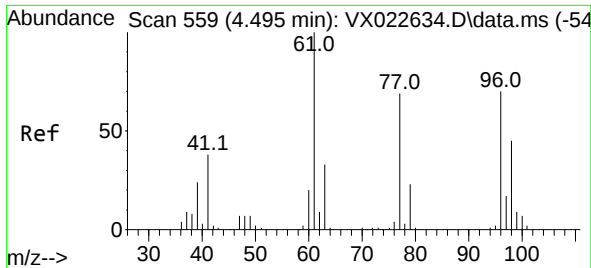
Tgt Ion: 73 Resp: 814
Ion Ratio Lower Upper
73 100
57 0.0 17.1 25.7#



#21
trans-1,2-Dichloroethene
Concen: 0.695 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Tgt Ion: 96 Resp: 519
Ion Ratio Lower Upper
96 100
61 152.0 107.7 161.5
98 60.4 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 8.737 ug/l

RT: 4.501 min Scan# 560

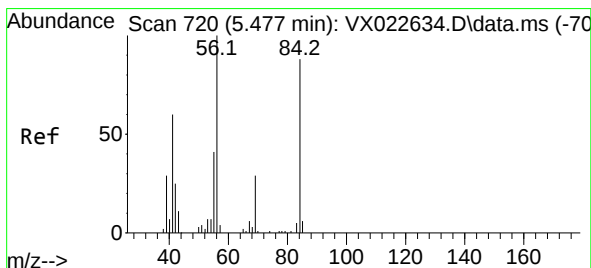
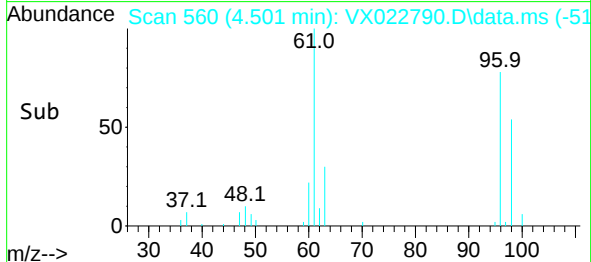
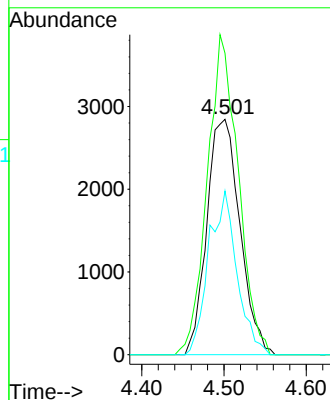
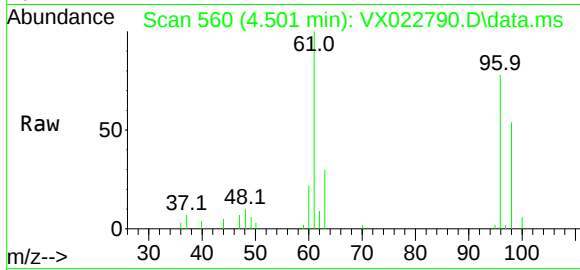
Delta R.T. 0.006 min

Lab File: VX022790.D

Acq: 21 Jun 2021 13:27

Tgt Ion: 96	Resp: 7951
Ion Ratio	Lower Upper
96 100	
61 127.3	0.0 285.6
98 59.5	0.0 129.6

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.386 ug/l

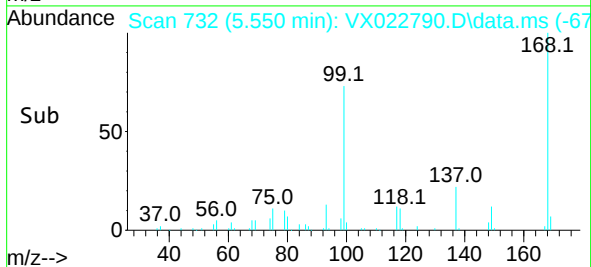
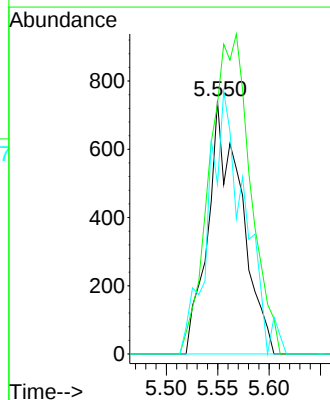
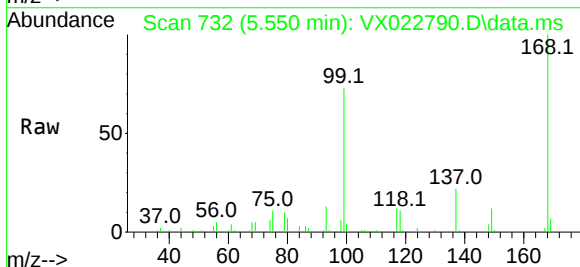
RT: 5.550 min Scan# 732

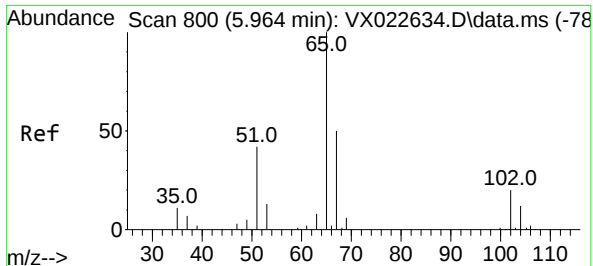
Delta R.T. 0.073 min

Lab File: VX022790.D

Acq: 21 Jun 2021 13:27

Tgt Ion: 56	Resp: 1670
Ion Ratio	Lower Upper
56 100	
69 98.7	25.3 37.9#
84 67.0	71.4 107.0#



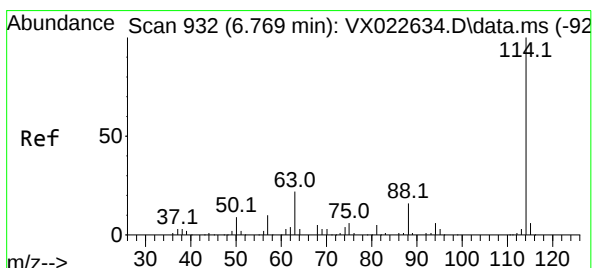
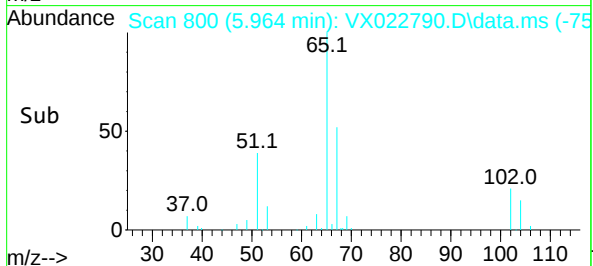
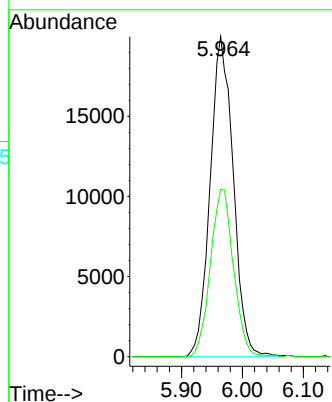
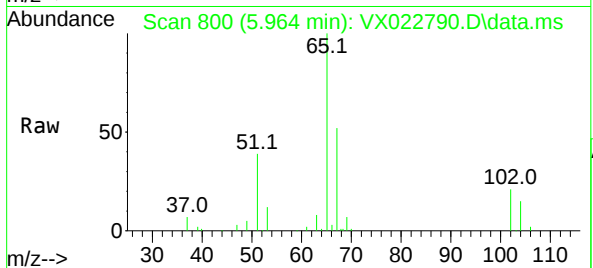


#33

1,2-Dichloroethane-d4
Concen: 52.661 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Instrument :
MSVOA_X
ClientSampled :

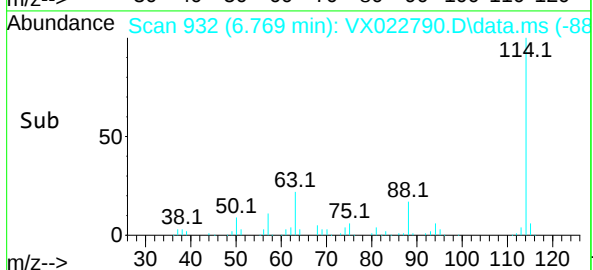
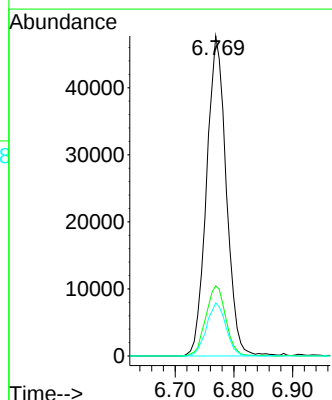
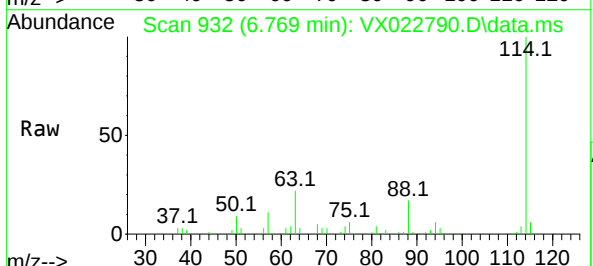
Tgt Ion: 65 Resp: 52582
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

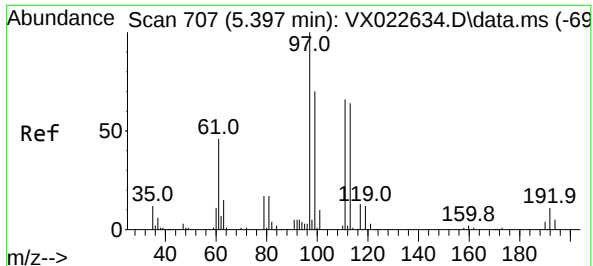


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Tgt Ion: 114 Resp: 111182
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 53.556 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022790.D

Acq: 21 Jun 2021 13:27

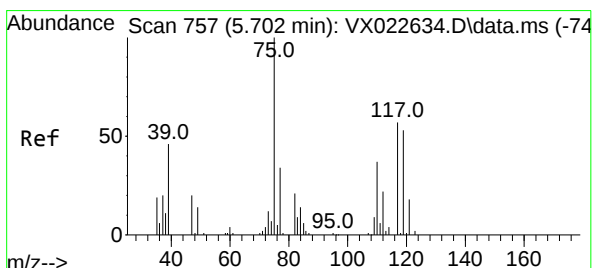
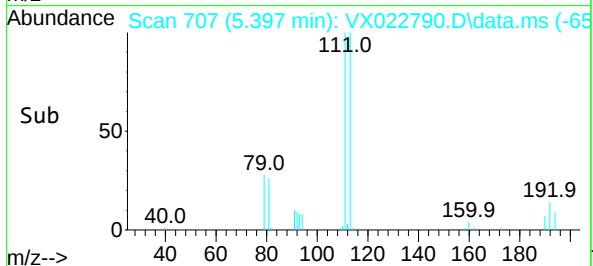
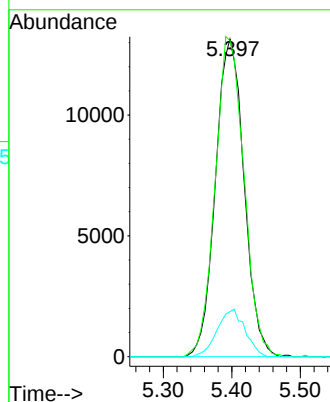
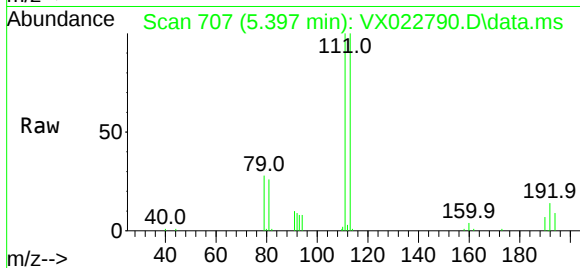
Tgt Ion:113 Resp: 37991

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

192 14.6 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.111 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022790.D

Acq: 21 Jun 2021 13:27

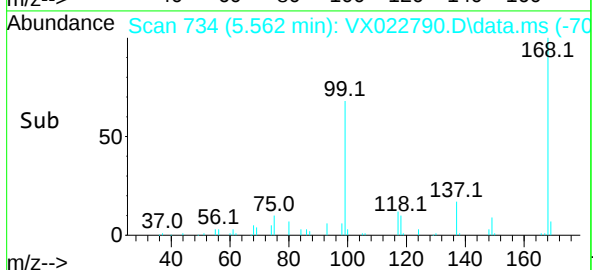
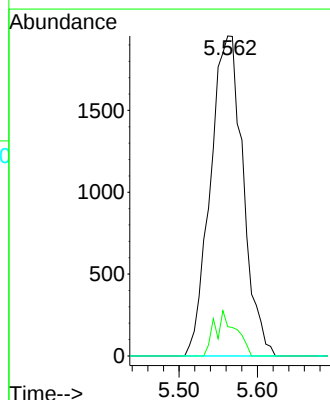
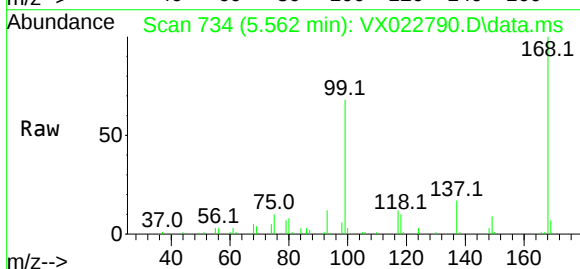
Tgt Ion: 75 Resp: 5662

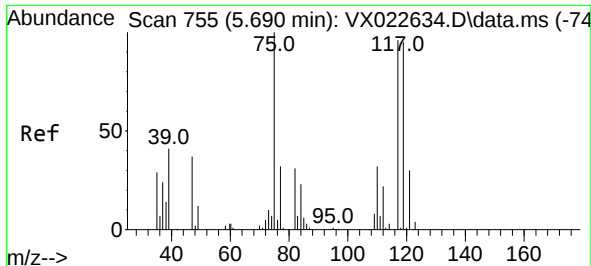
Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.4#

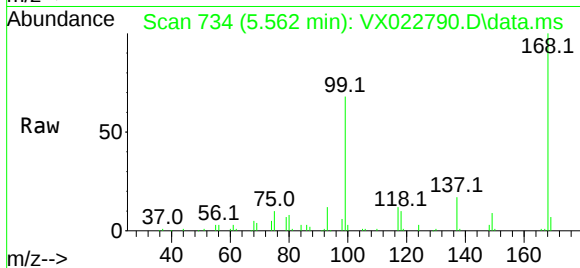
77 0.0 25.3 37.9#



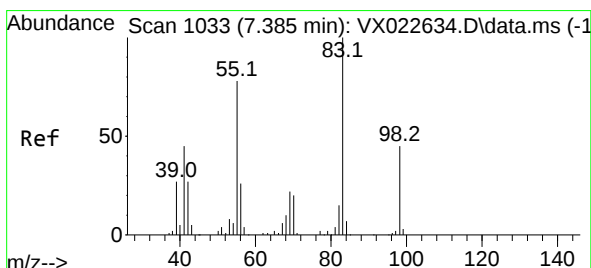
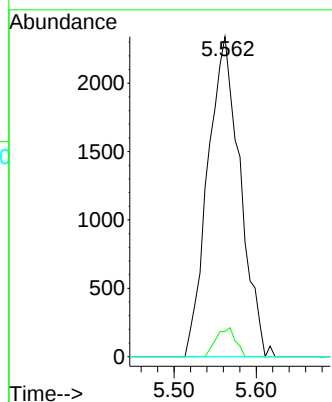
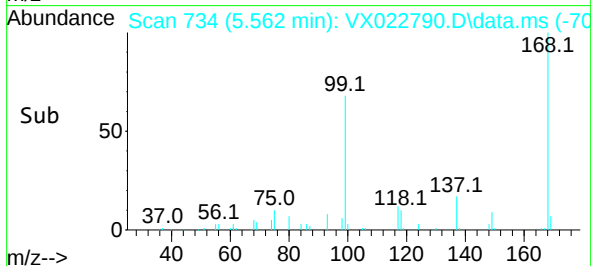


#38
Carbon Tetrachloride
Concen: 6.750 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

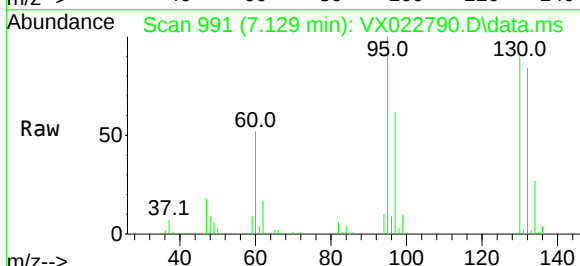
Instrument :
MSVOA_X
ClientSampleId :



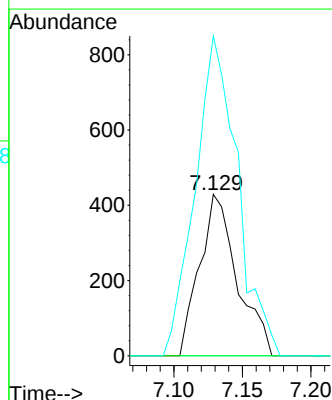
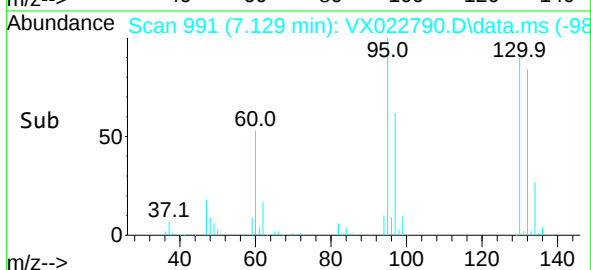
Tgt Ion:117 Resp: 6396
Ion Ratio Lower Upper
117 100
119 7.9 76.2 114.2#
121 0.0 24.8 37.2#

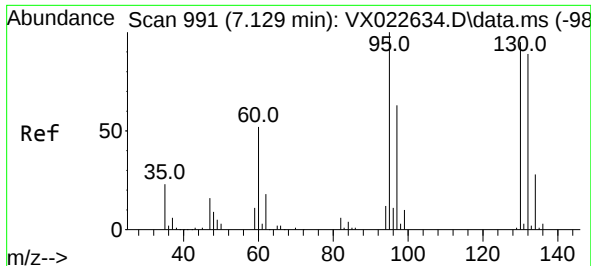


#39
Methylcyclohexane
Concen: 0.709 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27



Tgt Ion: 83 Resp: 819
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 198.1 38.1 57.1#

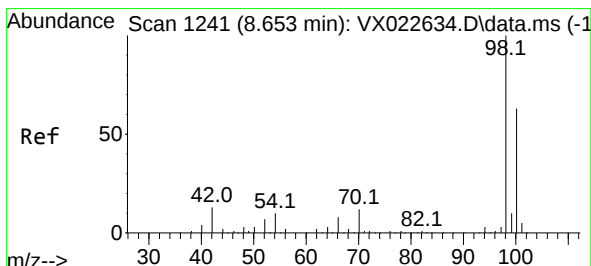
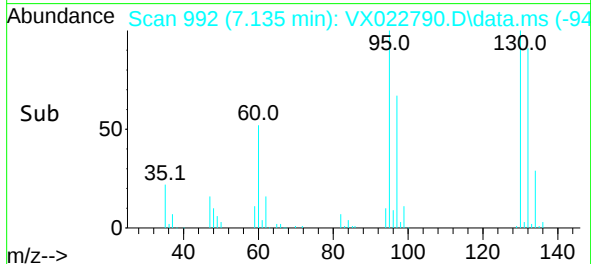
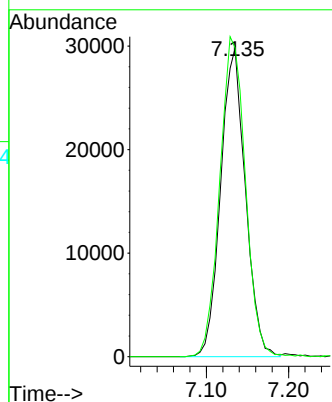
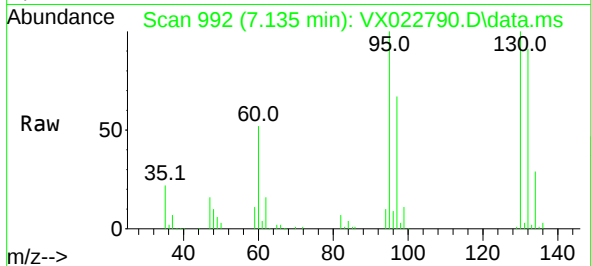




#44
Trichloroethene
Concen: 80.512 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

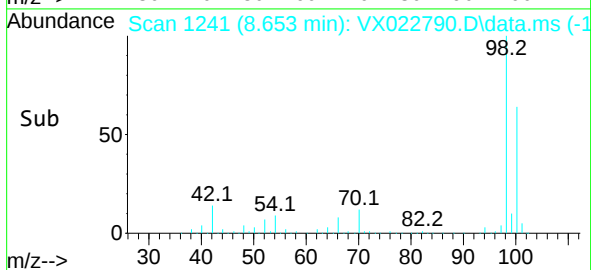
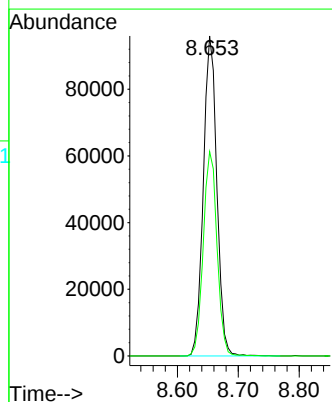
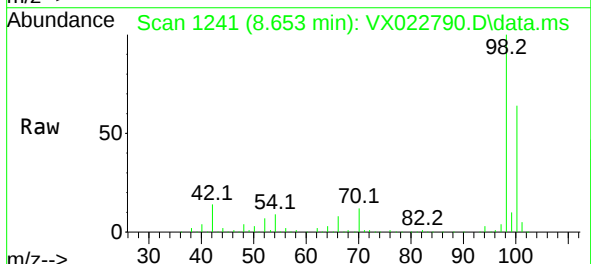
Instrument :
MSVOA_X
ClientSampled :

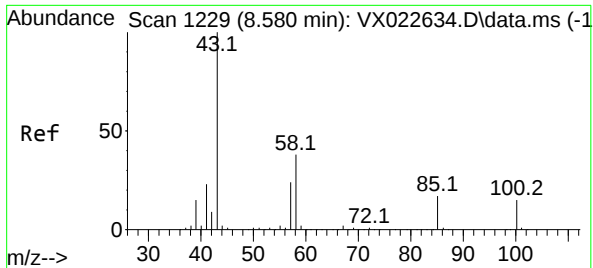
Tgt Ion:130 Resp: 62291
Ion Ratio Lower Upper
130 100
95 100.1 0.0 198.0



#50
Toluene-d8
Concen: 52.888 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Tgt Ion: 98 Resp: 147893
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

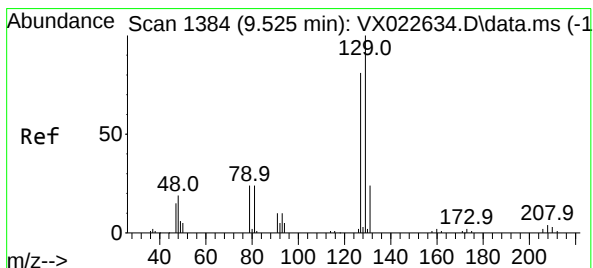
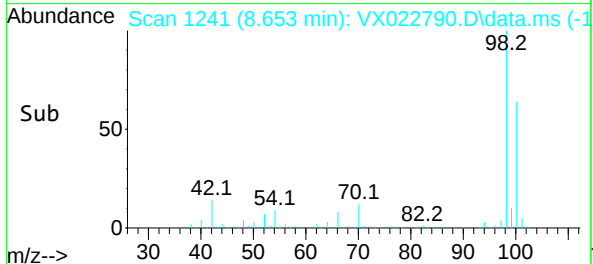
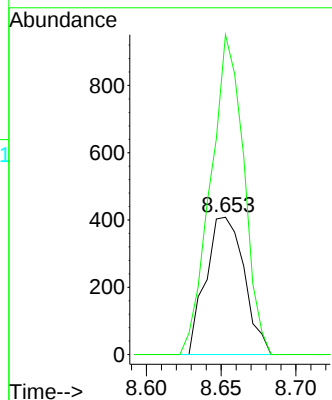
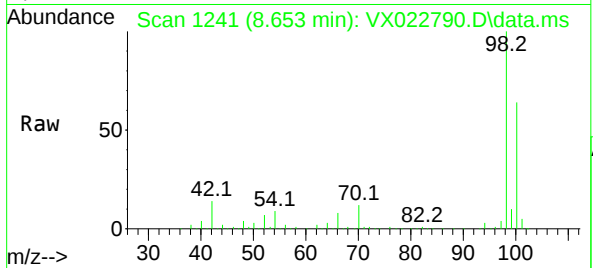




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

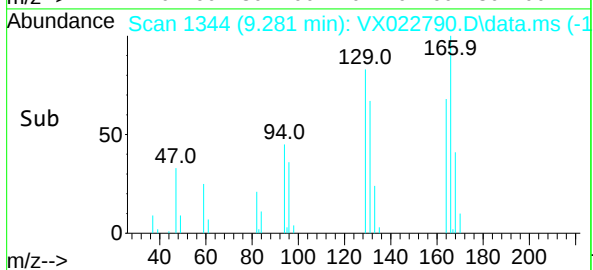
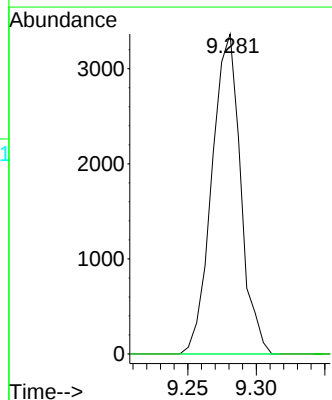
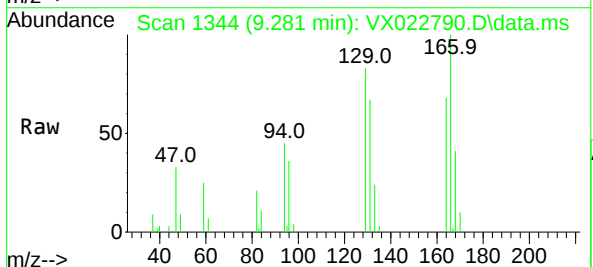
Instrument :
MSVOA_X
ClientSampled :

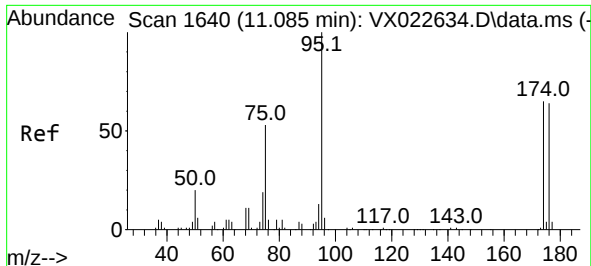
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 201.9 35.4 53.0#



#60
Dibromochloromethane
Concen: 8.743 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Tgt Ion: 129 Resp: 4906
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

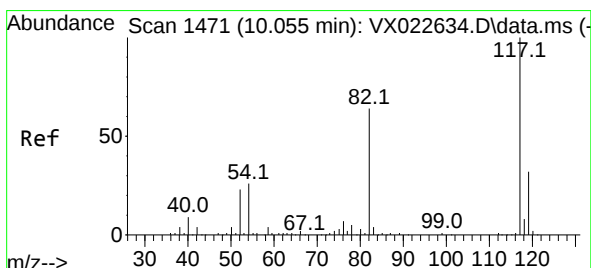
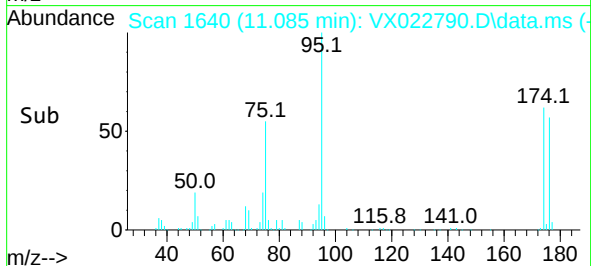
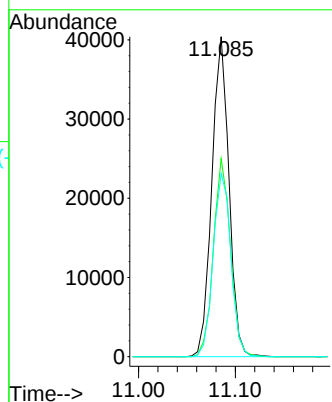
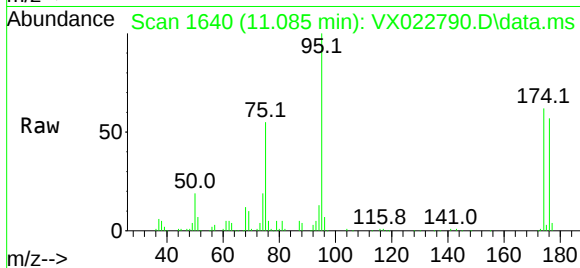




#62
4-Bromofluorobenzene
Concen: 46.961 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

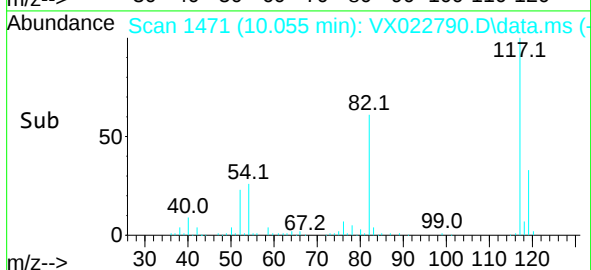
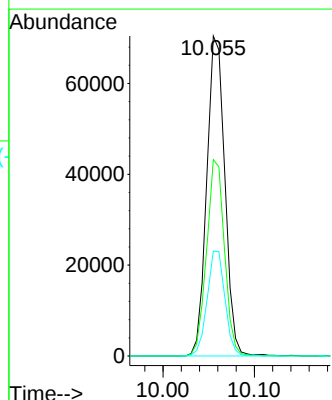
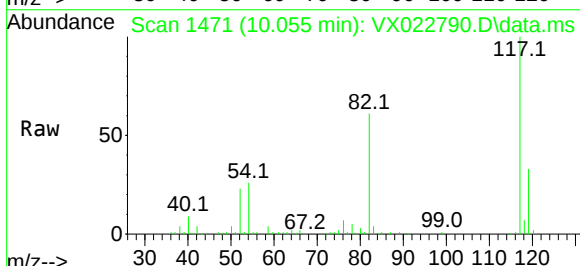
Instrument :
MSVOA_X
ClientSampleId :

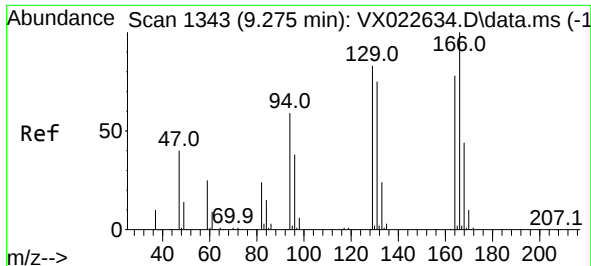
Tgt Ion: 95 Resp: 49665
Ion Ratio Lower Upper
95 100
174 61.6 0.0 154.6
176 59.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

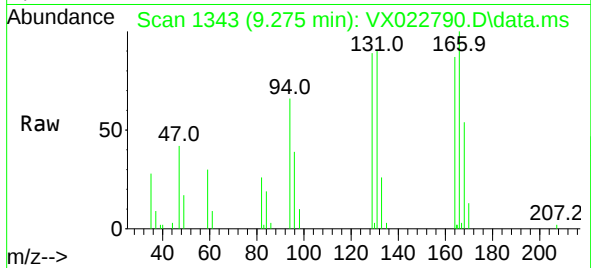
Tgt Ion: 117 Resp: 96694
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 32.8 26.6 39.8



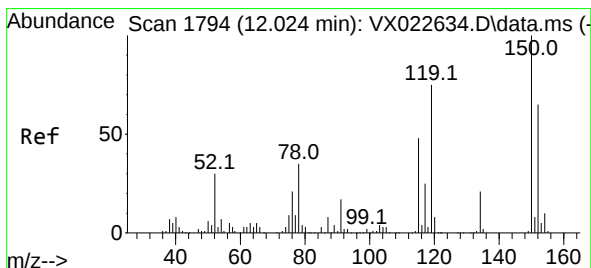
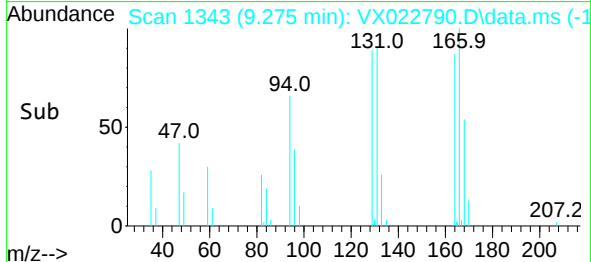
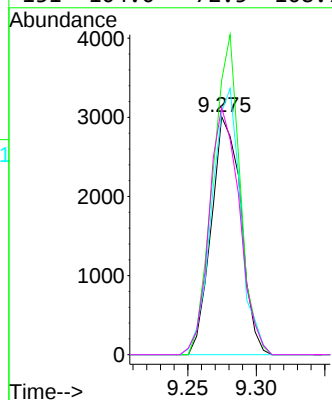


#64
Tetrachloroethene
Concen: 7.367 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Instrument :
MSVOA_X
ClientSampled :

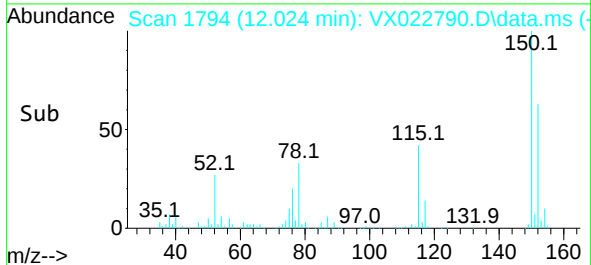
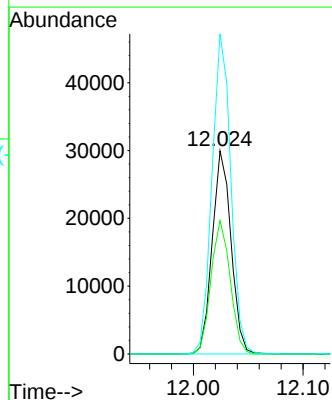
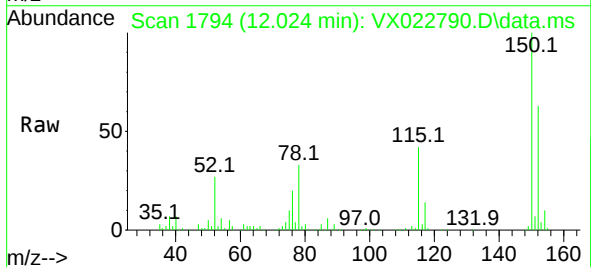


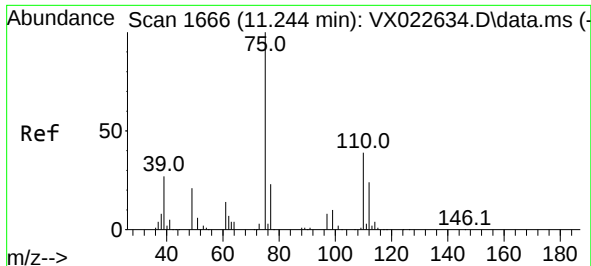
Tgt Ion:	164	Resp:	4505
Ion	Ratio	Lower	Upper
164	100		
166	115.2	103.4	155.2
129	102.0	70.8	106.2
131	104.0	72.5	108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Tgt Ion:	152	Resp:	35727
Ion	Ratio	Lower	Upper
152	100		
115	66.9	41.1	123.3
150	157.6	0.0	349.0

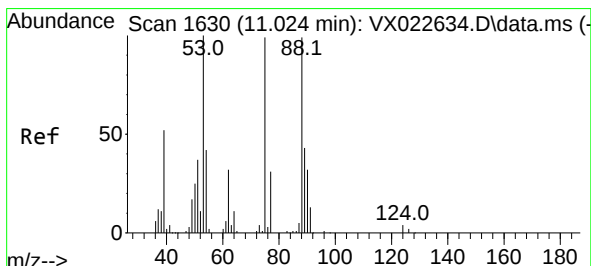
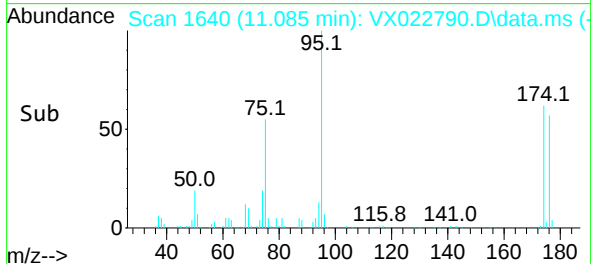
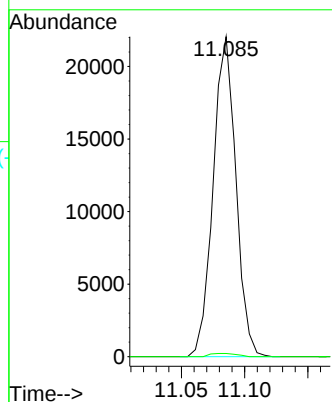
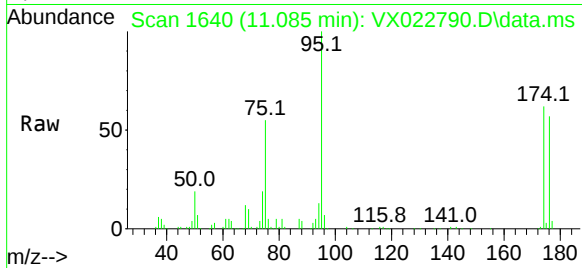




#76
1,2,3-Trichloropropane
Concen: 29.063 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27530
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.202 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022790.D
Acq: 21 Jun 2021 13:27

Tgt Ion: 75 Resp: 27530
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

