

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022792.D
 Acq On : 21 Jun 2021 14:14
 Operator : JC/MD
 Sample : M2793-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 01:12:45 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)

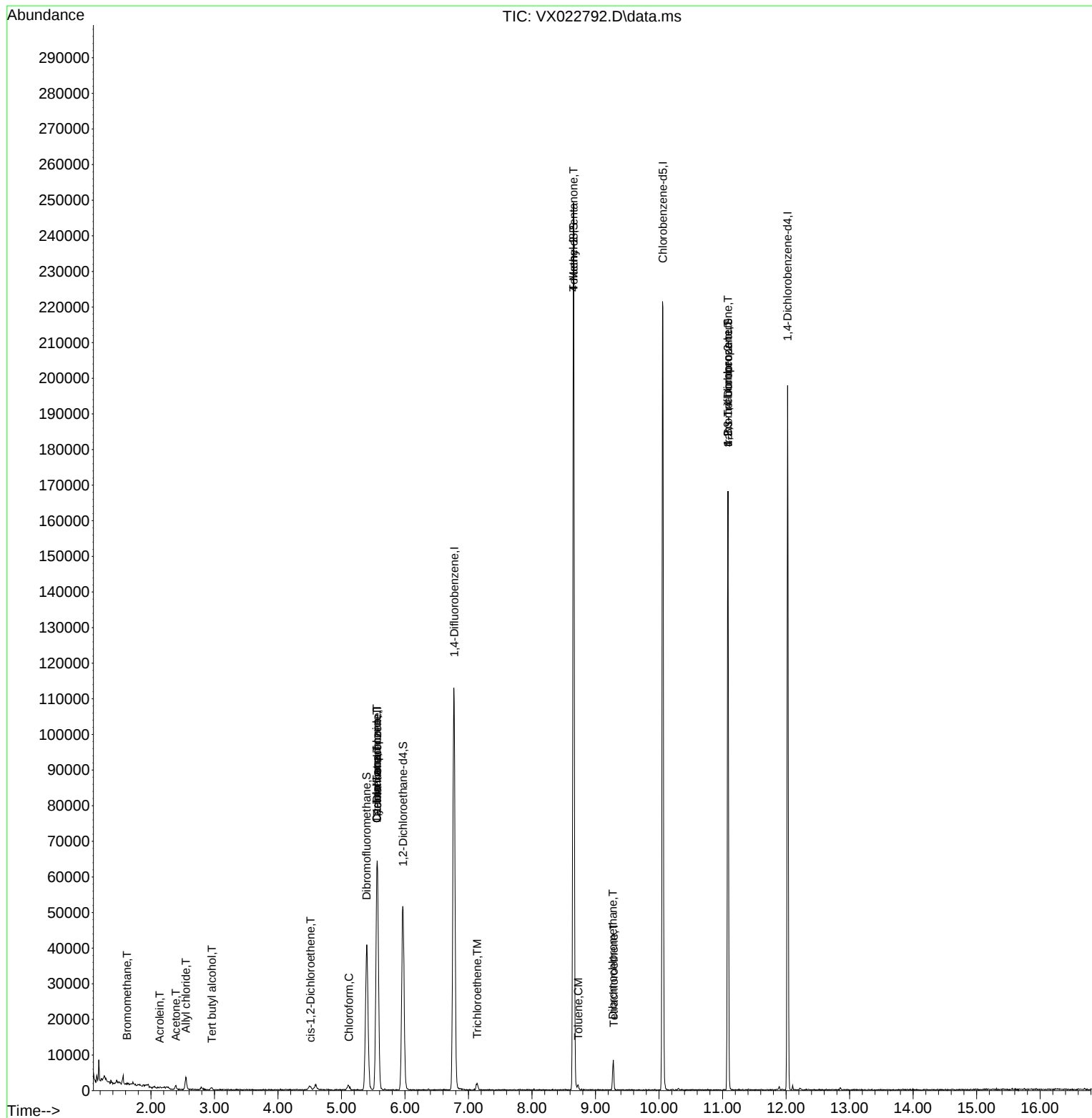
Internal Standards						
1) Pentafluorobenzene	5.562	168	54041	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	111542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	96901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	49013	50.429	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.860%	
35) Dibromofluoromethane	5.397	113	33664	47.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.600%	
50) Toluene-d8	8.653	98	134157	47.821	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.640%	
62) 4-Bromofluorobenzene	11.085	95	44318	41.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	85	0.208	ug/l	# 2
11) Tert butyl alcohol	2.959	59	400	1.777	ug/l	# 73
13) Acrolein	2.136	56	45	0.477	ug/l	# 14
14) Allyl chloride	2.550	41	353	0.278	ug/l	# 9
16) Acetone	2.392	43	1107	2.544	ug/l	# 87
27) cis-1,2-Dichloroethene	4.513	96	872	0.984	ug/l	81
30) Chloroform	5.117	83	1552	1.069	ug/l	84
31) Cyclohexane	5.556	56	1595	1.360	ug/l	# 48
36) 1,1-Dichloropropene	5.556	75	5588	5.028	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	6110	6.427	ug/l	# 12
44) Trichloroethene	7.135	130	811	1.045	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	734	0.518	ug/l	# 1
52) Toluene	8.726	92	493	0.240	ug/l	80
60) Dibromochloromethane	9.275	129	1214	4.543	ug/l	# 11
64) Tetrachloroethene	9.287	164	1225	1.999	ug/l	# 84
76) 1,2,3-Trichloropropane	11.085	75	23653	24.868	ug/l	# 40
81) trans-1,4-Dichloro-2-b...	11.085	75	23653	62.647	ug/l	# 12

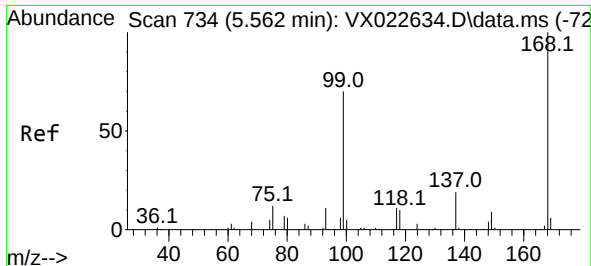
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :

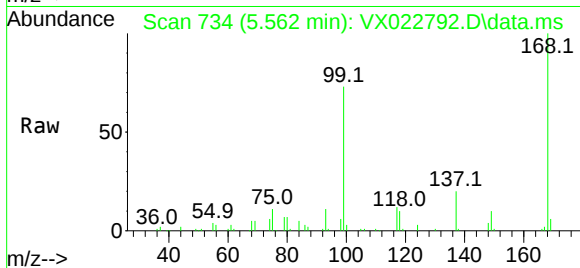
Quant Time: Jun 22 01:12:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



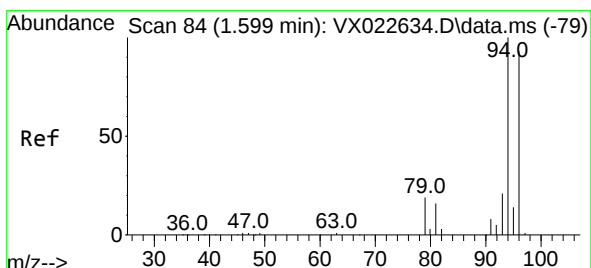
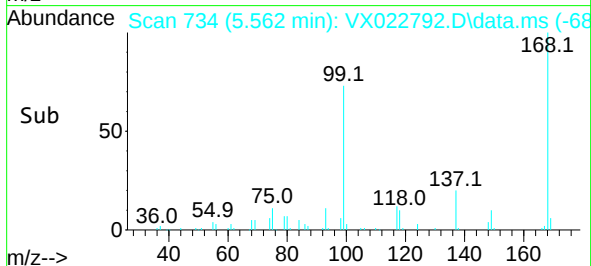
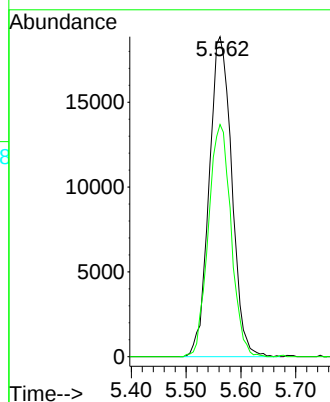


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

Instrument :
MSVOA_X
ClientSampled :

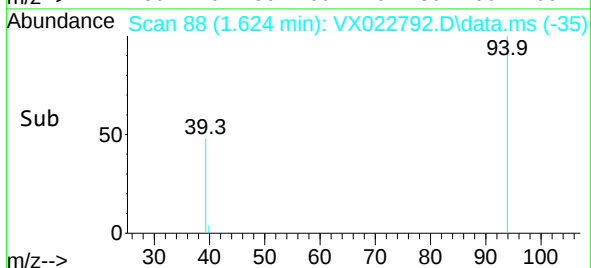
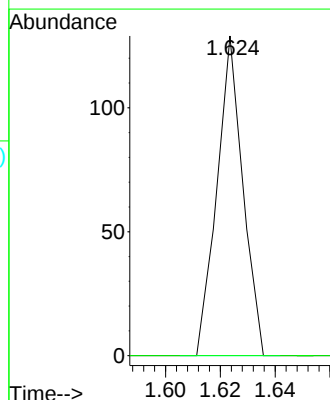
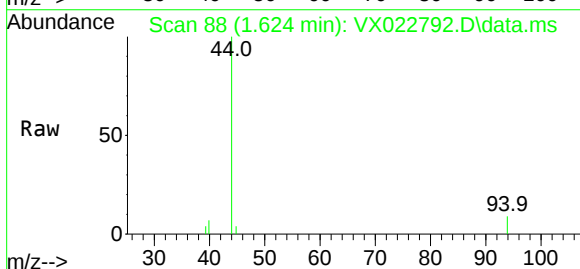


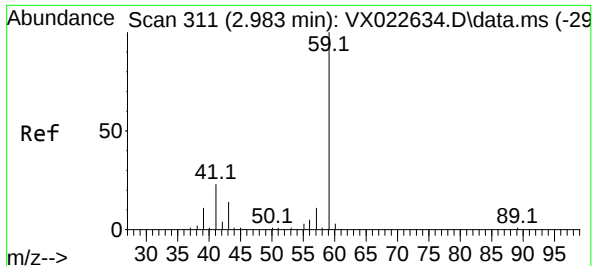
Tgt Ion:168 Resp: 54041
Ion Ratio Lower Upper
168 100
99 72.5 45.8 68.6#



#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

Tgt Ion: 94 Resp: 85
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

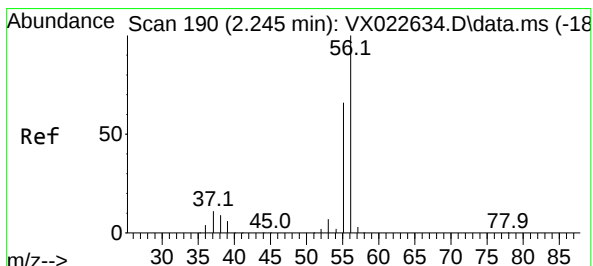
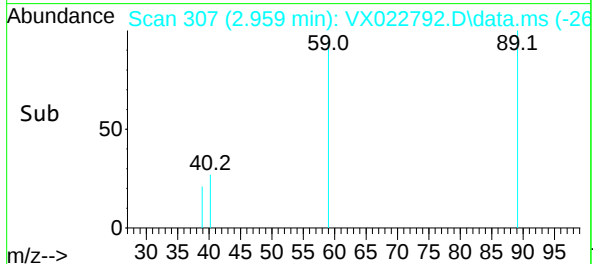
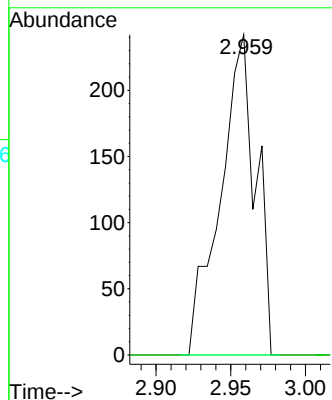
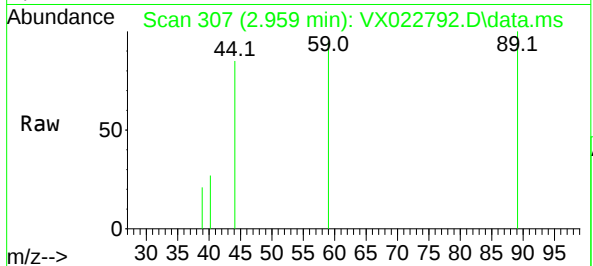




#11
Tert butyl alcohol
Concen: 1.777 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

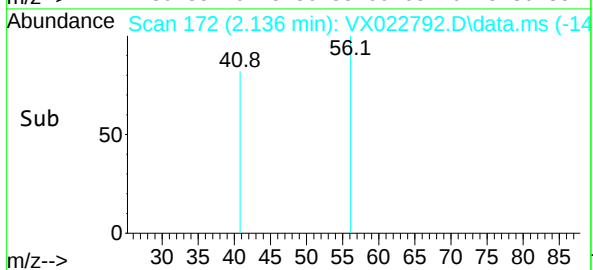
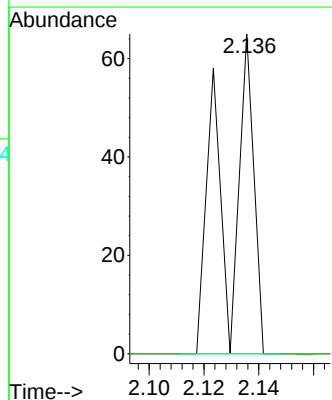
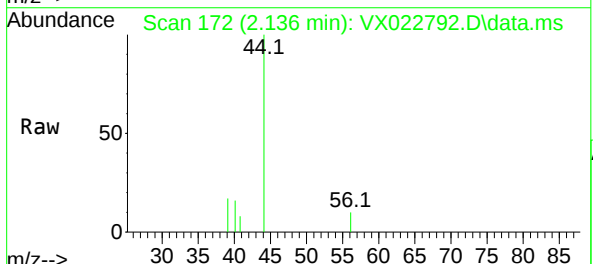
Instrument :
MSVOA_X
ClientSampled :

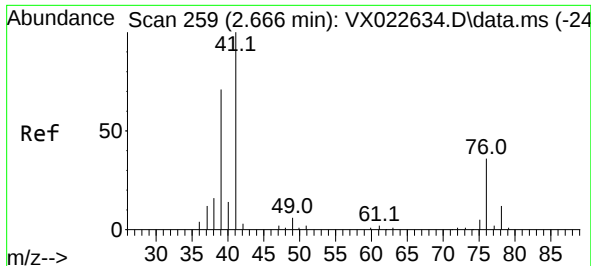
Tgt Ion: 59 Resp: 400
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.477 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.103 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

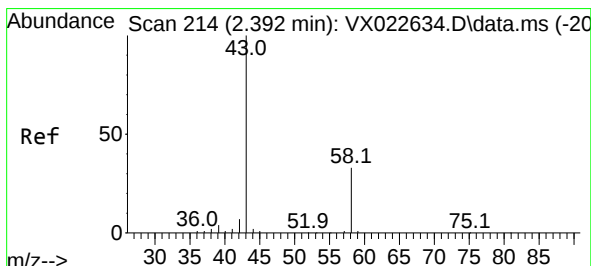
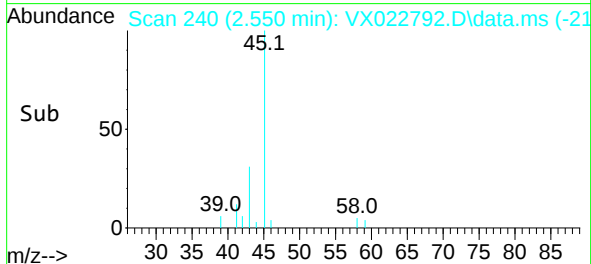
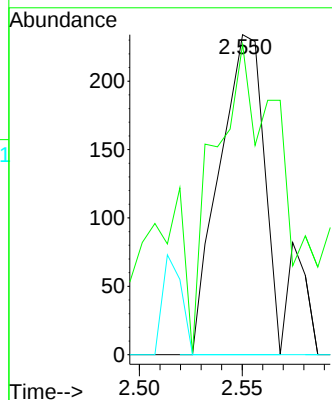
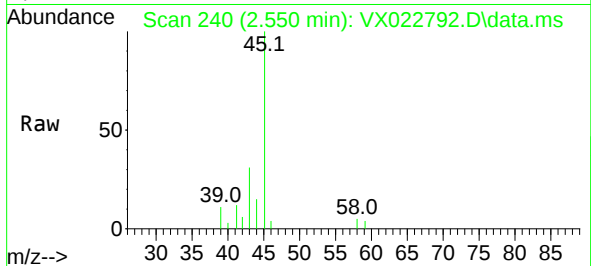




#14
Allyl chloride
Concen: 0.278 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

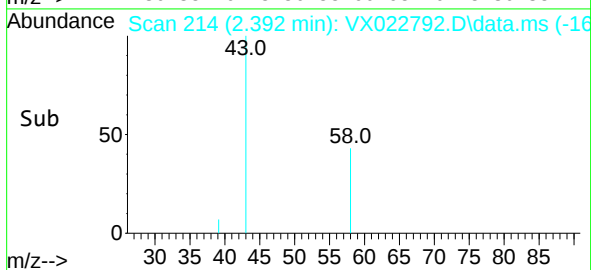
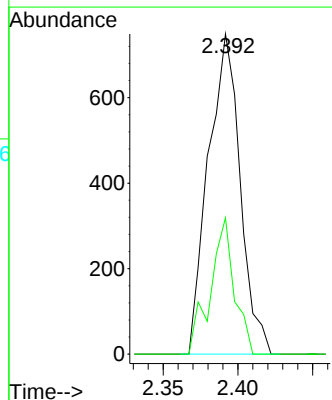
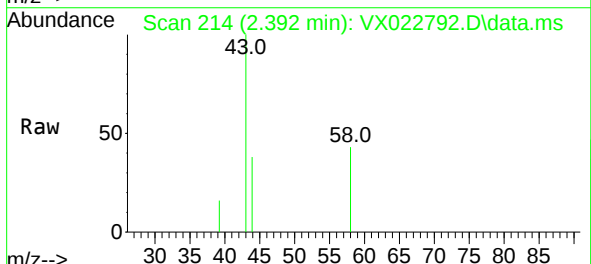
Instrument :
MSVOA_X
ClientSampleId :

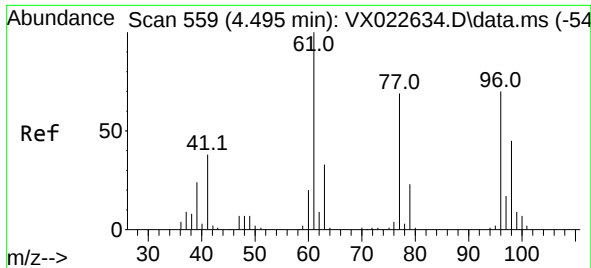
Tgt Ion: 41 Resp: 353
Ion Ratio Lower Upper
41 100
39 149.0 51.6 77.4#
76 0.0 30.5 45.7#



#16
Acetone
Concen: 2.544 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
58 42.6 27.8 41.8#





#27

cis-1,2-Dichloroethene

Concen: 0.984 ug/l

RT: 4.513 min Scan# 562

Delta R.T. 0.018 min

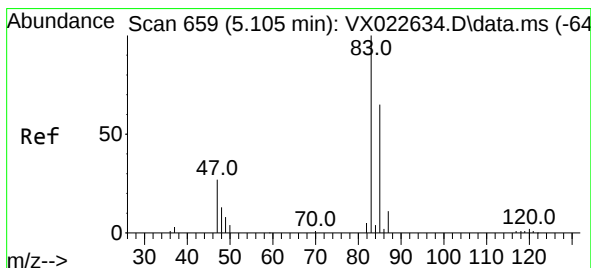
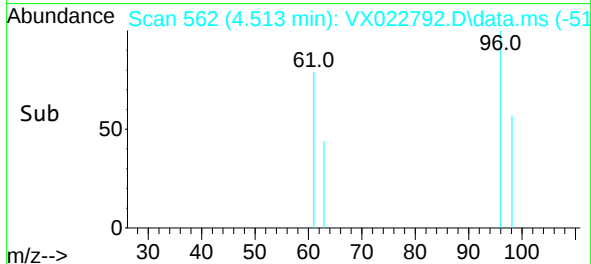
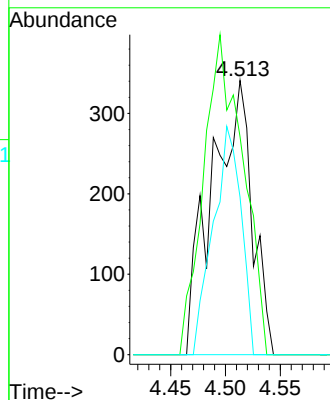
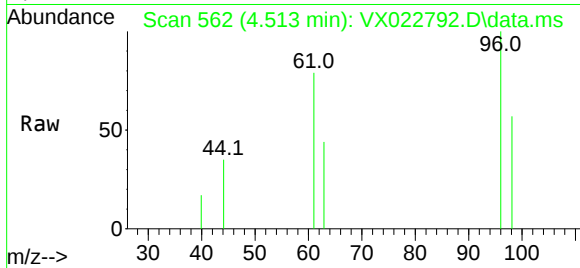
Lab File: VX022792.D

Acq: 21 Jun 2021 14:14

Tgt Ion: 96 Resp: 872

Ion	Ratio	Lower	Upper
96	100		
61	113.6	0.0	285.6
98	57.7	0.0	129.6

Instrument :
MSVOA_X
ClientSampled :



#30

Chloroform

Concen: 1.069 ug/l

RT: 5.117 min Scan# 661

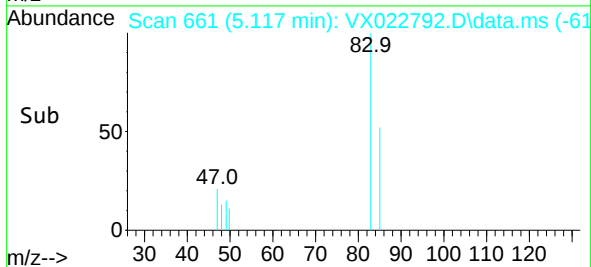
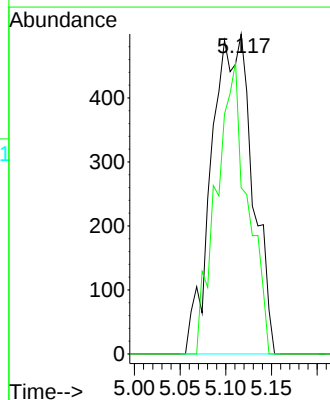
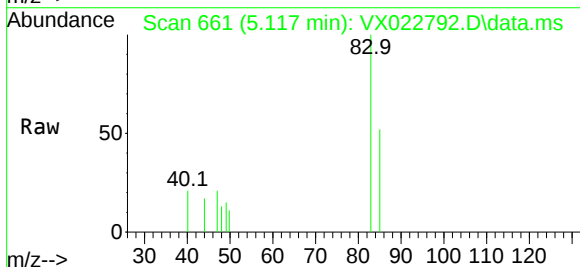
Delta R.T. 0.012 min

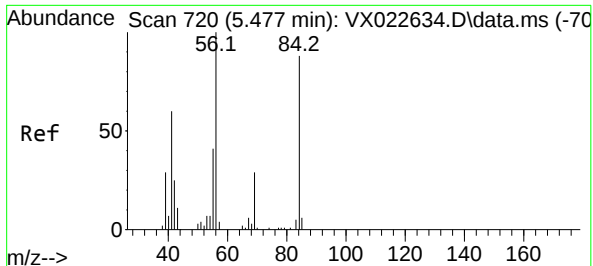
Lab File: VX022792.D

Acq: 21 Jun 2021 14:14

Tgt Ion: 83 Resp: 1552

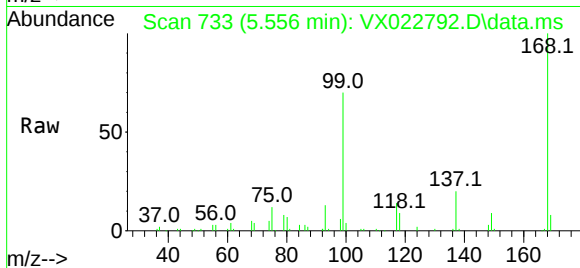
Ion	Ratio	Lower	Upper
83	100		
85	52.0	52.0	78.0



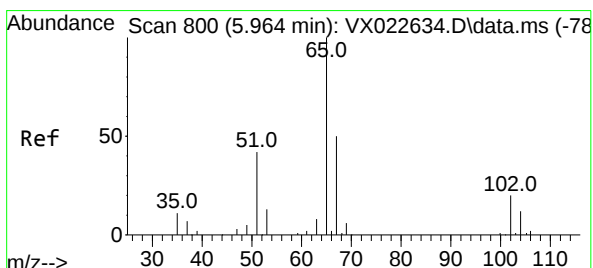
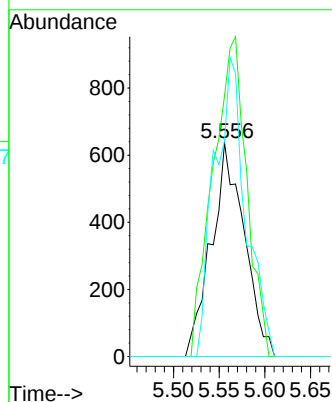
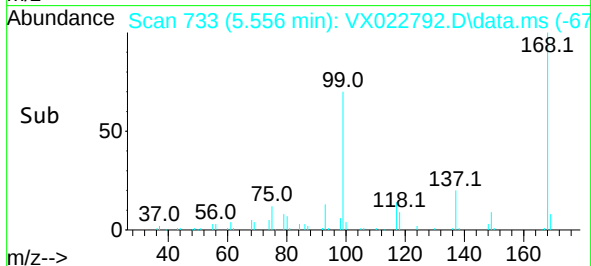


#31
Cyclohexane
Concen: 1.360 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

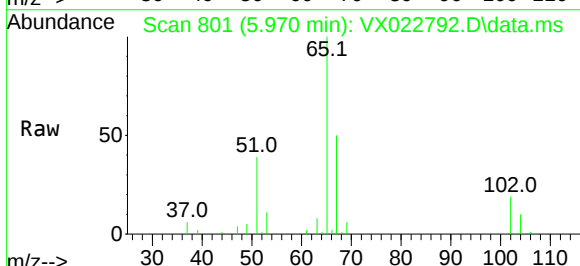
Instrument :
MSVOA_X
ClientSampleId :



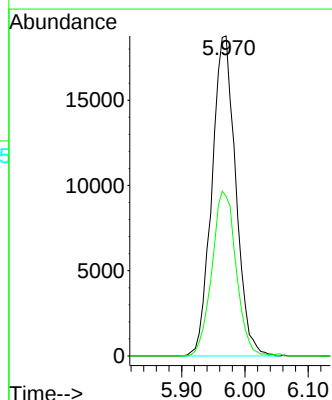
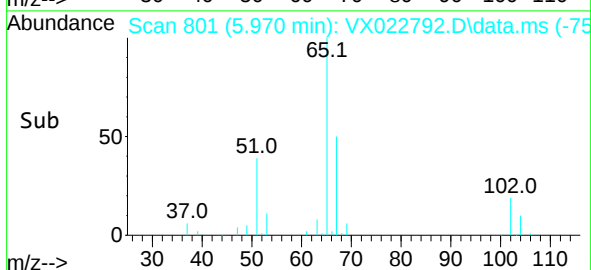
Tgt Ion: 56 Resp: 1595
Ion Ratio Lower Upper
56 100
69 121.8 25.3 37.9#
84 100.8 71.4 107.0

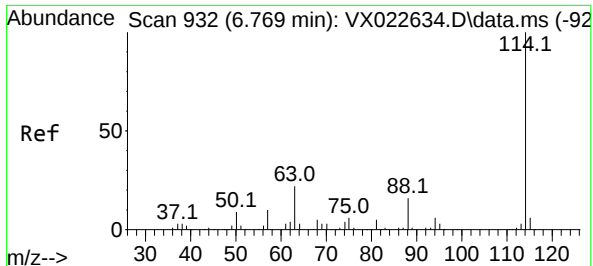


#33
1,2-Dichloroethane-d4
Concen: 50.429 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14



Tgt Ion: 65 Resp: 49013
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

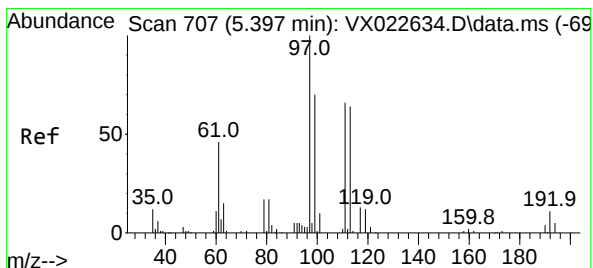
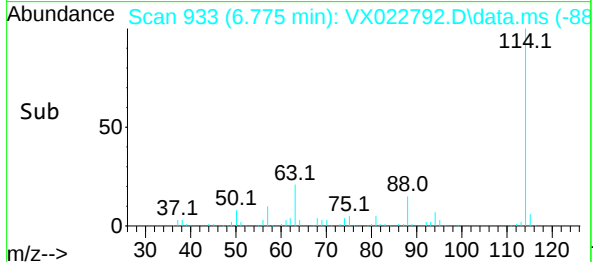
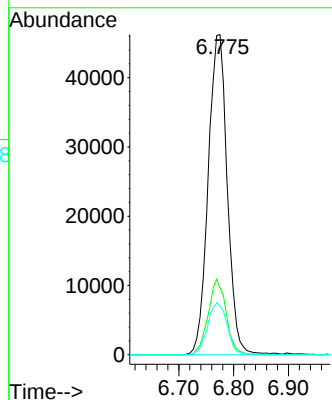
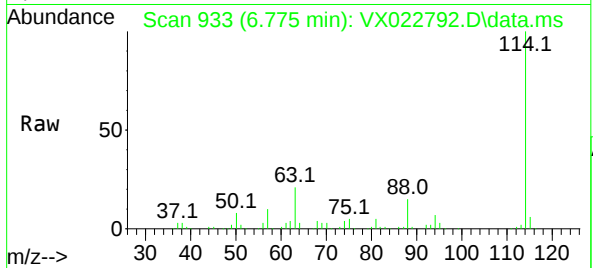




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

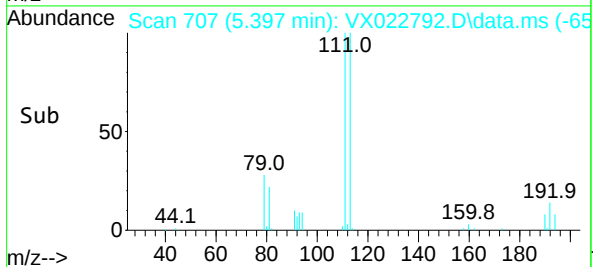
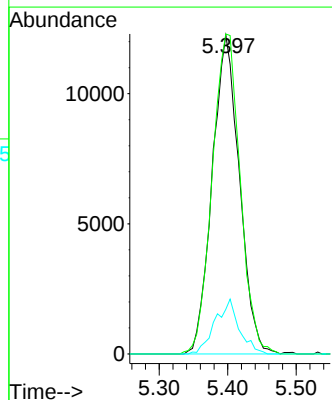
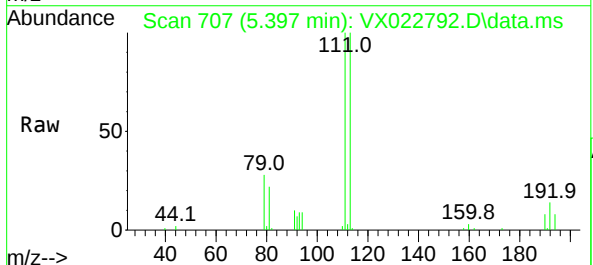
Instrument :
MSVOA_X
ClientSampleId :

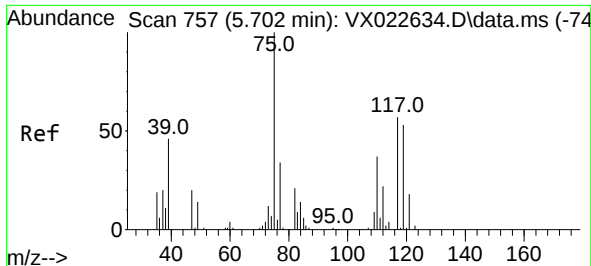
Tgt Ion:114 Resp: 111542
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.303 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

Tgt Ion:113 Resp: 33664
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 15.3 16.7 25.1#

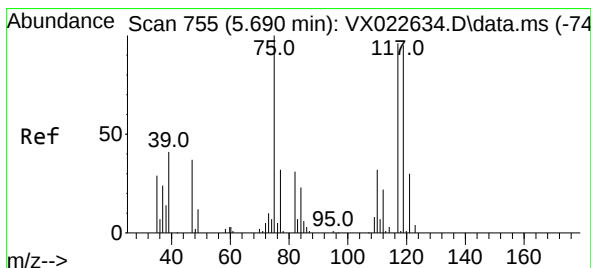
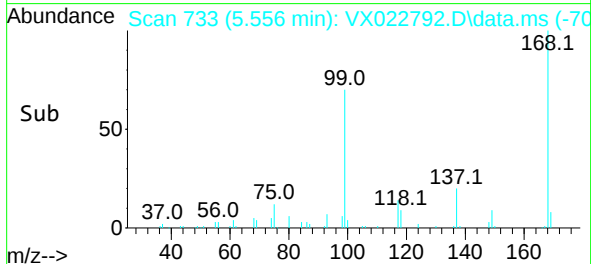
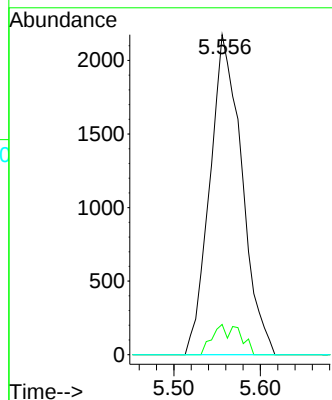
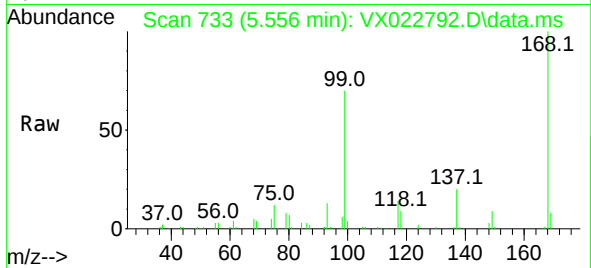




#36
1,1-Dichloropropene
Concen: 5.028 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

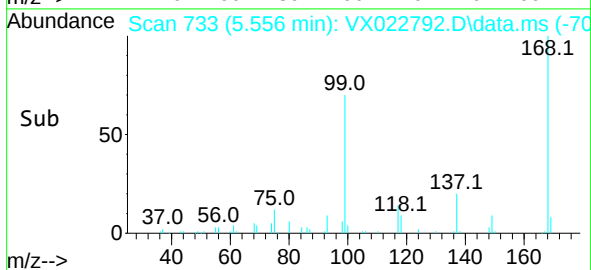
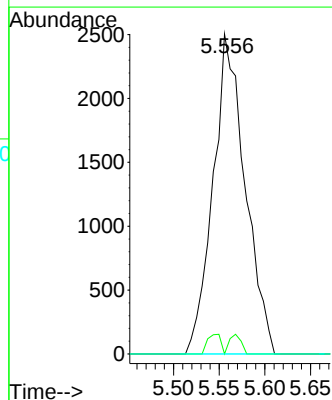
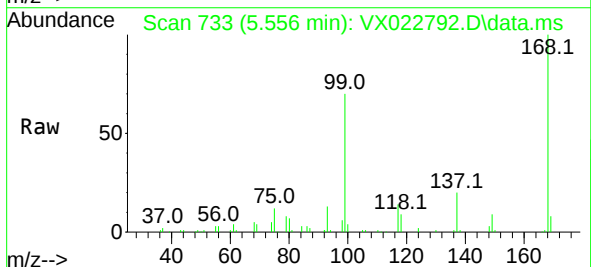
Instrument :
MSVOA_X
ClientSampled :

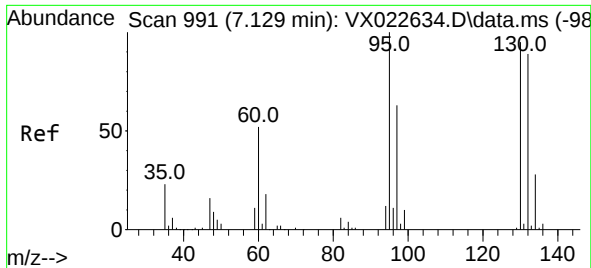
Tgt Ion: 75 Resp: 5588
Ion Ratio Lower Upper
75 100
110 4.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.427 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

Tgt Ion: 117 Resp: 6110
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#

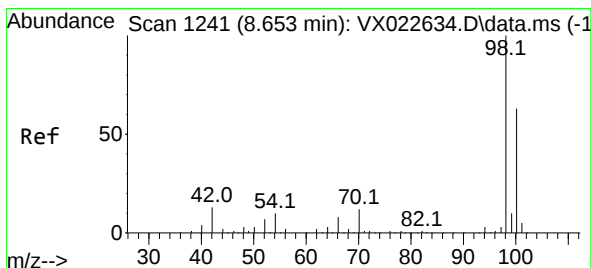
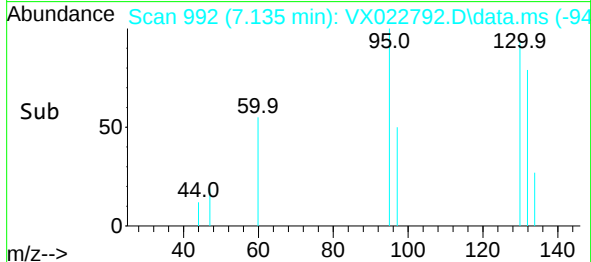
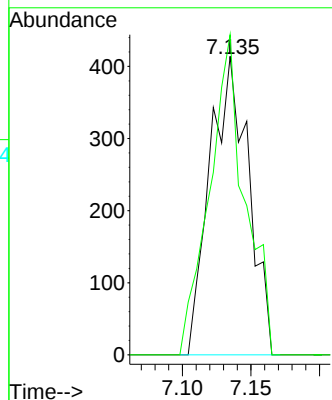
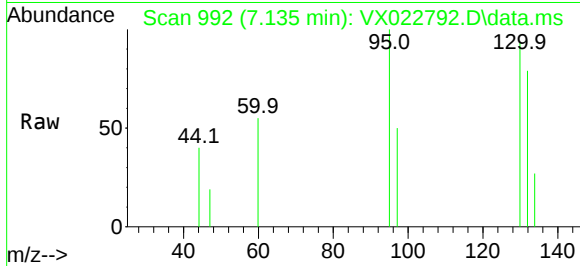




#44
Trichloroethene
Concen: 1.045 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

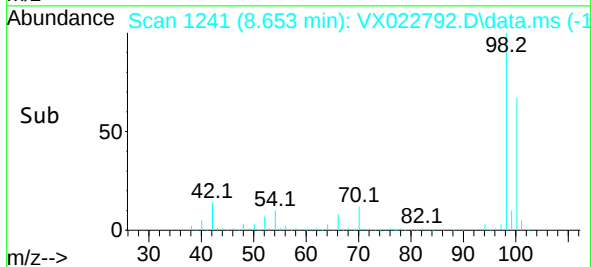
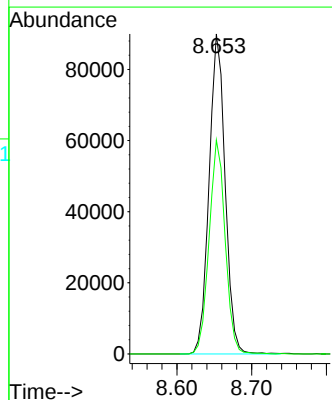
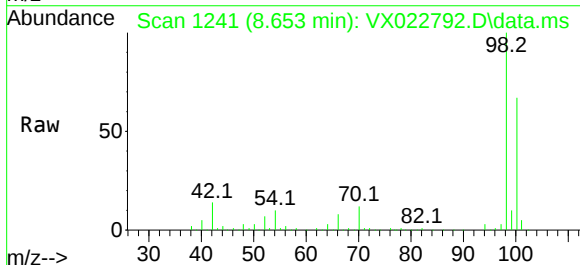
Instrument :
MSVOA_X
ClientSampleId :

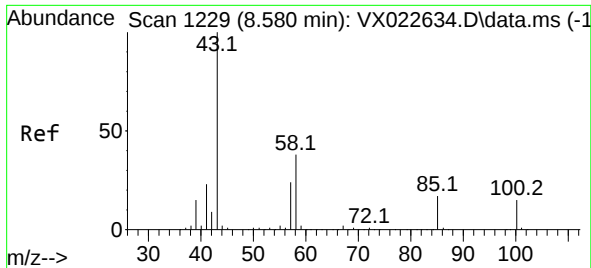
Tgt Ion:130 Resp: 811
Ion Ratio Lower Upper
130 100
95 107.2 0.0 198.0



#50
Toluene-d8
Concen: 47.821 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

Tgt Ion: 98 Resp: 134157
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9

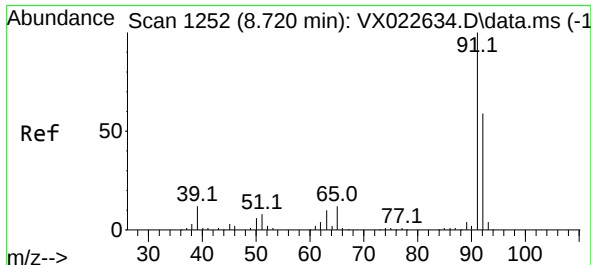
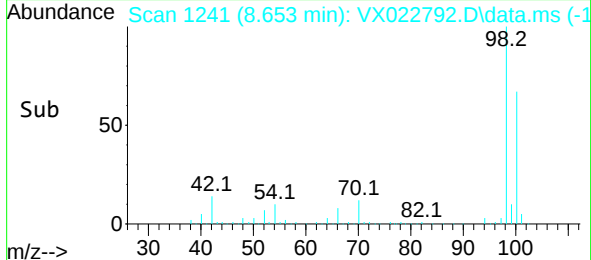
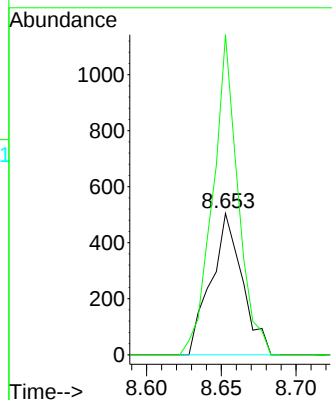
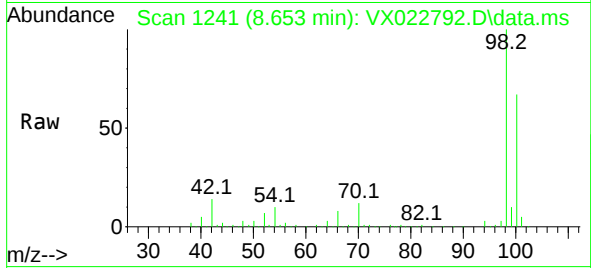




#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

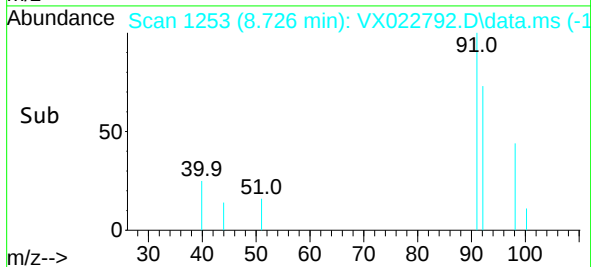
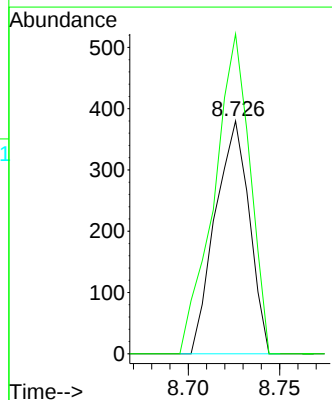
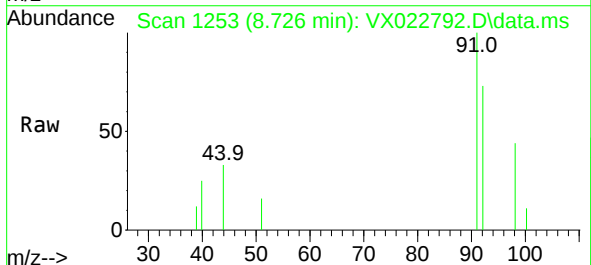
Instrument :
MSVOA_X
ClientSampled :

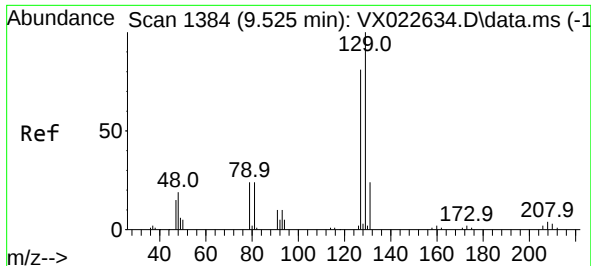
Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 183.8 35.4 53.0#



#52
Toluene
Concen: 0.240 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

Tgt Ion: 92 Resp: 493
Ion Ratio Lower Upper
92 100
91 144.4 137.1 205.7

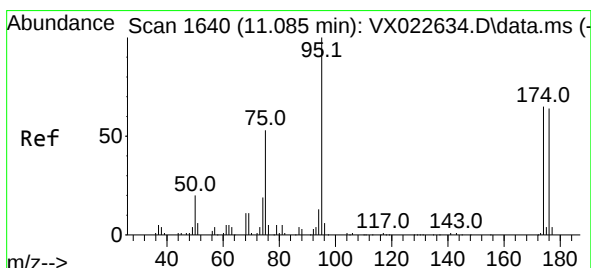
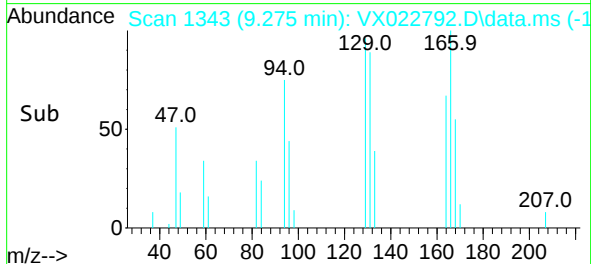
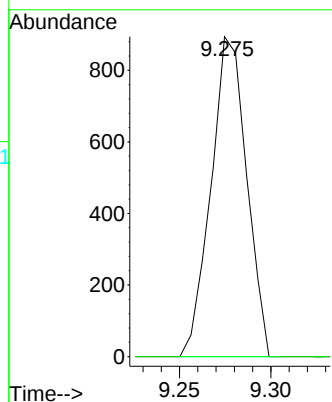
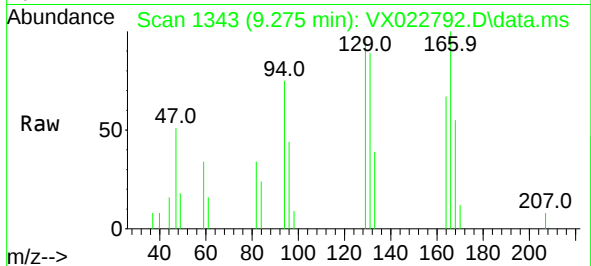




#60
Dibromochloromethane
Concen: 4.543 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

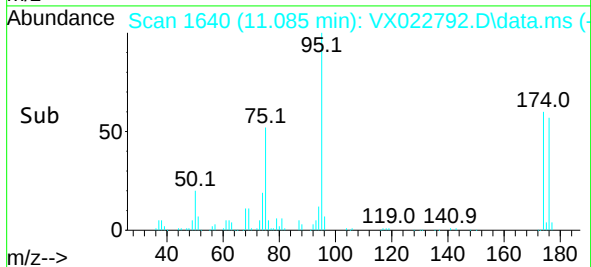
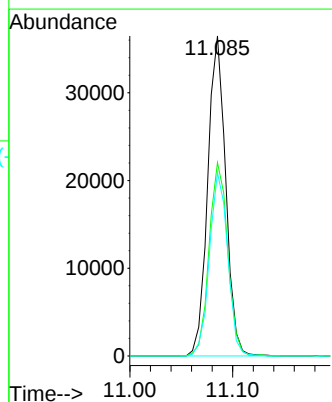
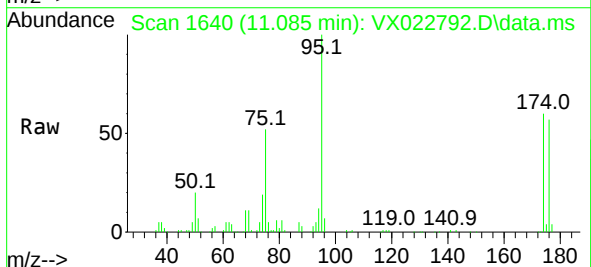
Instrument :
MSVOA_X
ClientSampled :

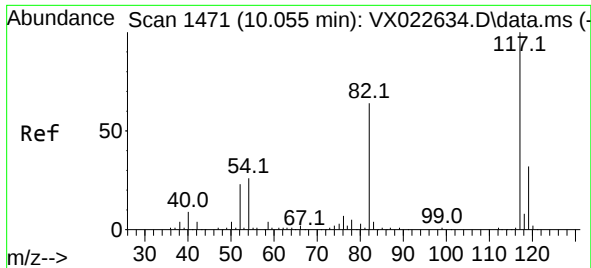
Tgt Ion:129 Resp: 1214
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 41.770 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

Tgt Ion: 95 Resp: 44318
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 58.1 0.0 155.8

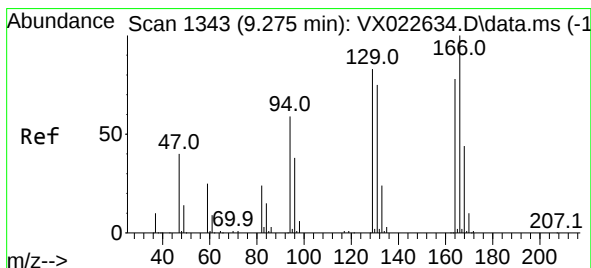
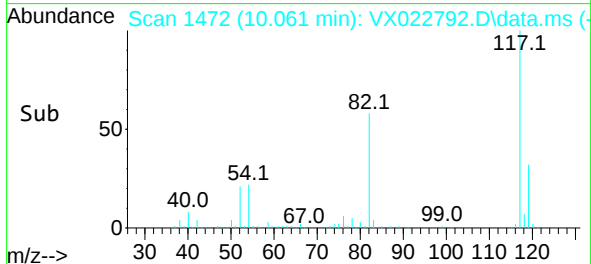
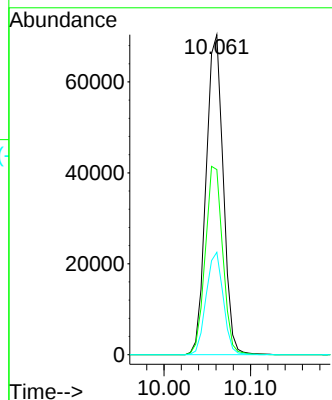
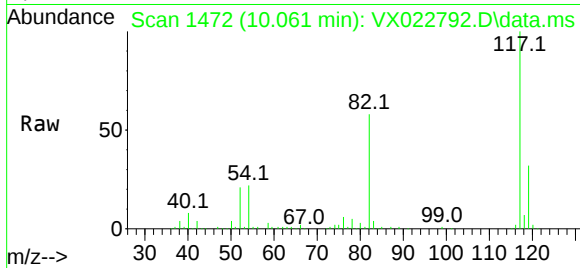




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

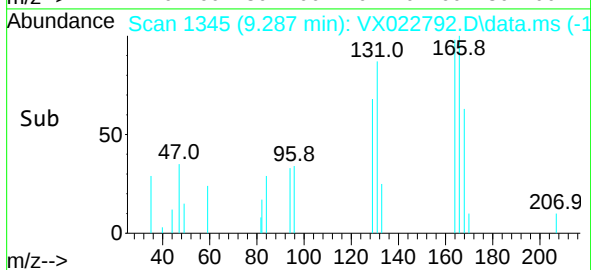
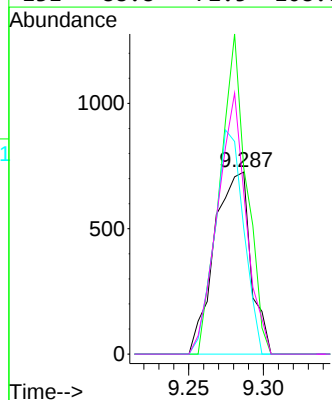
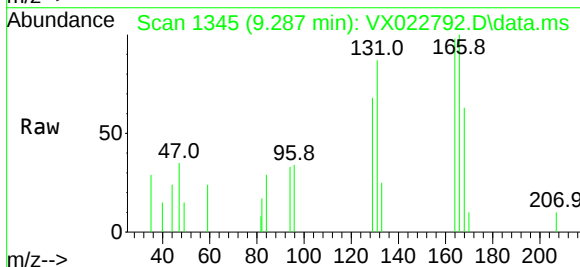
Instrument :
MSVOA_X
ClientSampled :

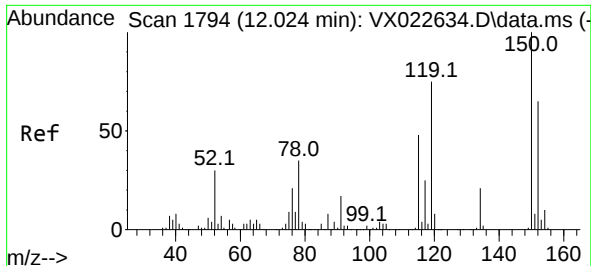
Tgt Ion:117 Resp: 96901
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.0 26.6 39.8



#64
Tetrachloroethene
Concen: 1.999 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. 0.006 min
Lab File: VX022792.D
Acq: 21 Jun 2021 14:14

Tgt Ion:164 Resp: 1225
Ion Ratio Lower Upper
164 100
166 102.3 103.4 155.2#
129 69.1 70.8 106.2#
131 88.8 72.5 108.7

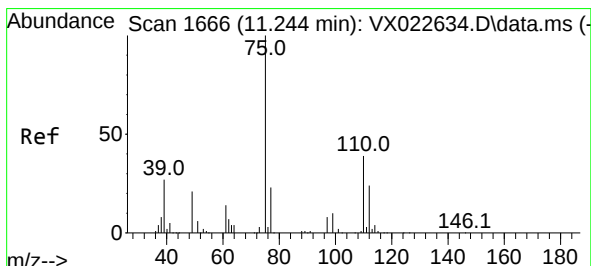
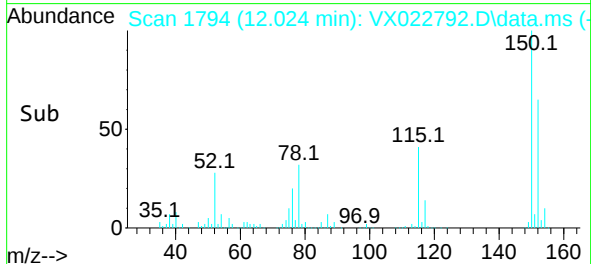
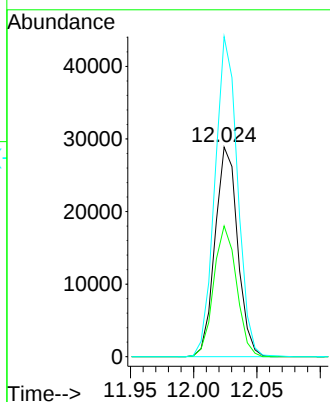
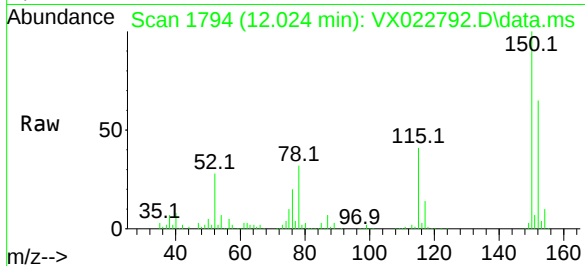




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022792.D
 Acq: 21 Jun 2021 14:14

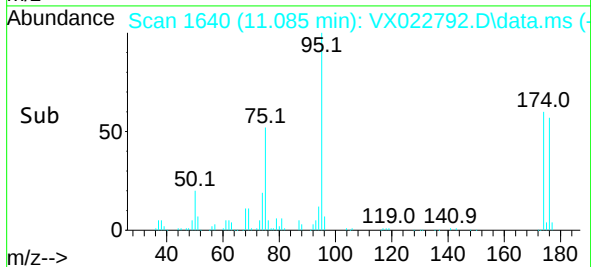
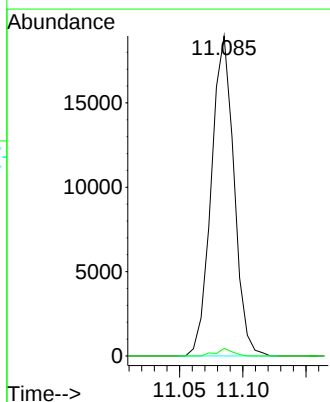
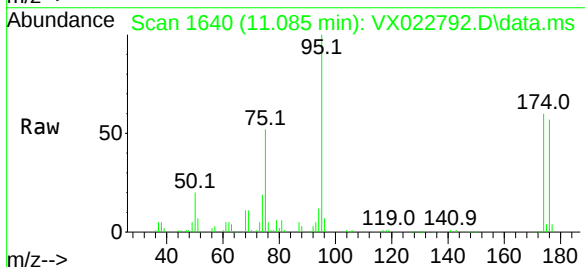
Instrument :
 MSVOA_X
 ClientSampled :

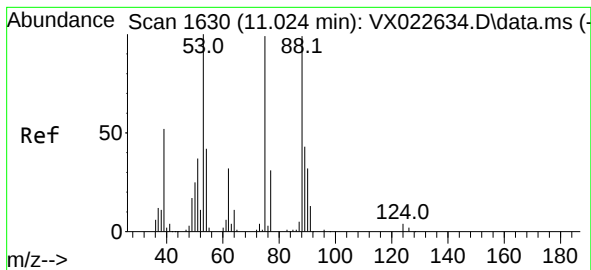
Tgt Ion:152 Resp: 35873
 Ion Ratio Lower Upper
 152 100
 115 62.9 41.1 123.3
 150 152.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.868 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022792.D
 Acq: 21 Jun 2021 14:14

Tgt Ion: 75 Resp: 23653
 Ion Ratio Lower Upper
 75 100
 77 1.7 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 62.647 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX022792.D

Acq: 21 Jun 2021 14:14

Tgt Ion: 75 Resp: 23653

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

