

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021790.D
 Acq On : 21 Apr 2021 14:18
 Operator : JC/MD
 Sample : M2122-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

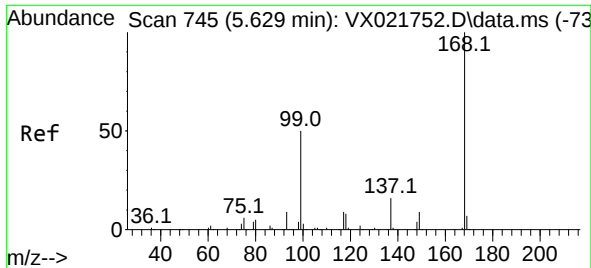
Quant Time: Apr 22 08:57:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	173282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	295732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	265736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	126904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	99943	50.84	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.68%
35) Dibromofluoromethane	5.464	113	93131	49.24	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.48%
50) Toluene-d8	8.696	98	352829	48.52	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.04%
62) 4-Bromofluorobenzene	11.122	95	127616	46.99	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.98%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	1144	0.82	ug/l	95
5) Bromomethane	1.642	94	181	0.21	ug/l #	54
12) 1,1-Dichloroethene	2.355	96	1021	0.64	ug/l	92
13) Acrolein	2.233	56	90	0.26	ug/l #	74
14) Allyl chloride	2.581	41	6178	2.40	ug/l #	49
16) Acetone	2.422	43	2270	3.36	ug/l	98
18) Methyl Acetate	2.581	43	16188	8.83	ug/l #	47
19) Methyl tert-butyl Ether	3.166	73	3043	0.55	ug/l #	69
20) Methylene Chloride	2.831	84	453	0.22	ug/l	90
24) 1,1-Dichloroethane	3.672	63	6699	2.19	ug/l	97
25) 2-Butanone	4.672	43	812	0.71	ug/l #	45
27) cis-1,2-Dichloroethene	4.574	96	2929	1.40	ug/l	78
30) Chloroform	5.172	83	866	0.26	ug/l #	75
31) Cyclohexane	5.623	56	2954	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	12012	4.60	ug/l #	49
38) Carbon Tetrachloride	5.629	117	16625	5.82	ug/l #	17
64) Tetrachloroethene	9.317	164	2789	1.34	ug/l	95
76) 1,2,3-Trichloropropane	11.116	75	57853	22.99	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	57853	52.86	ug/l #	12

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

Quant Time: Apr 22 08:57:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

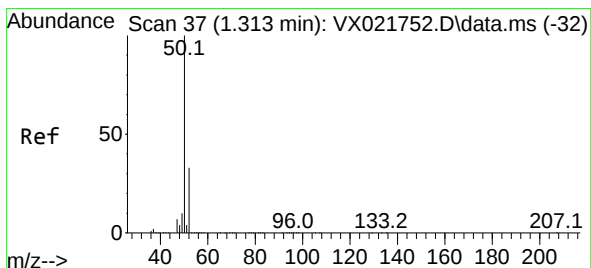
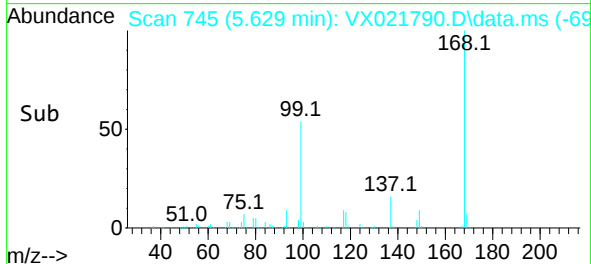
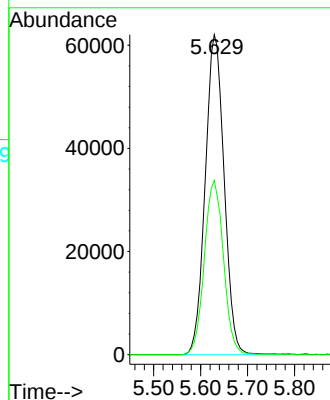
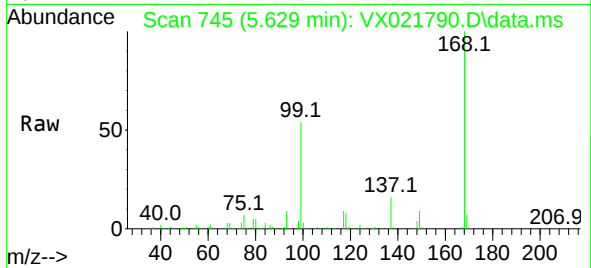




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

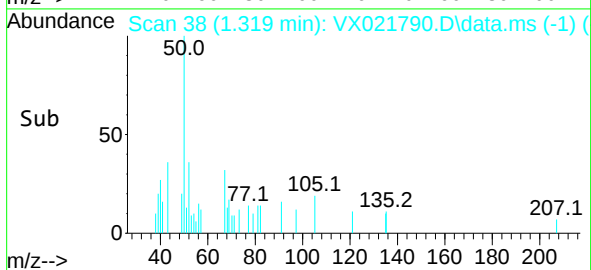
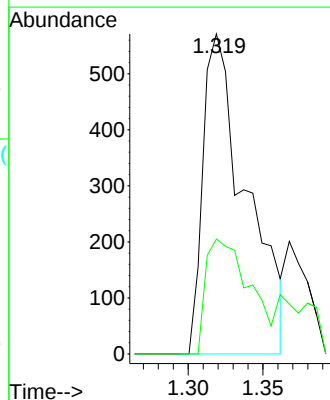
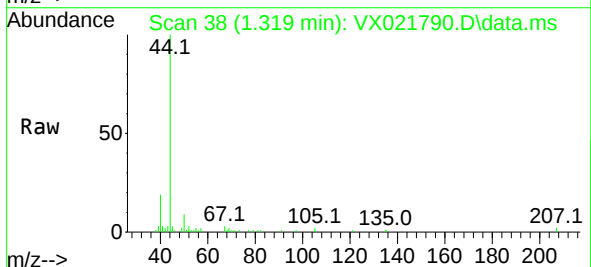
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 173282
Ion Ratio Lower Upper
168 100
99 54.4 45.8 68.6



#3
Chloromethane
Concen: 0.82 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion: 50 Resp: 1144
Ion Ratio Lower Upper
50 100
52 35.9 26.4 39.6

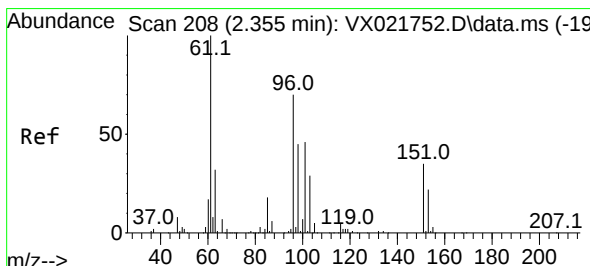
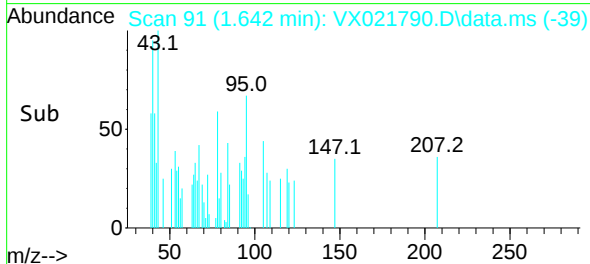
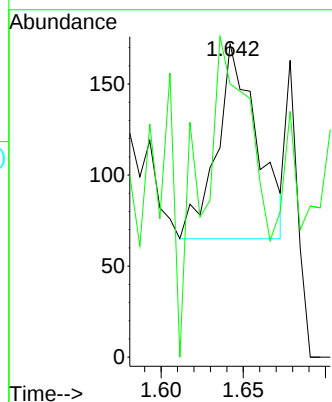
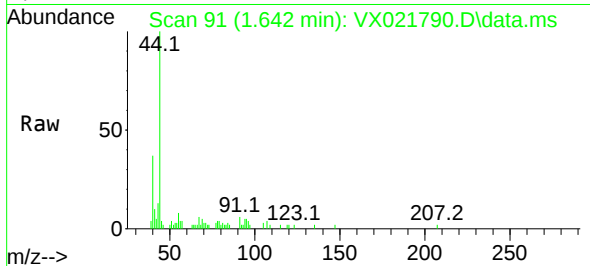




#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

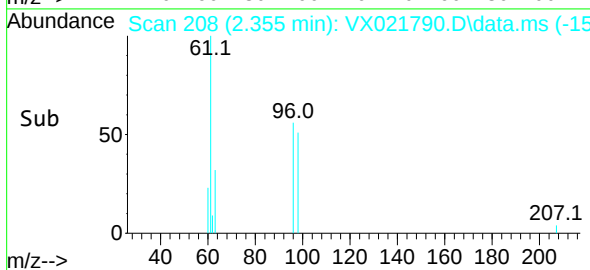
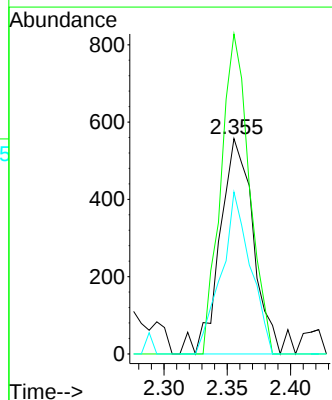
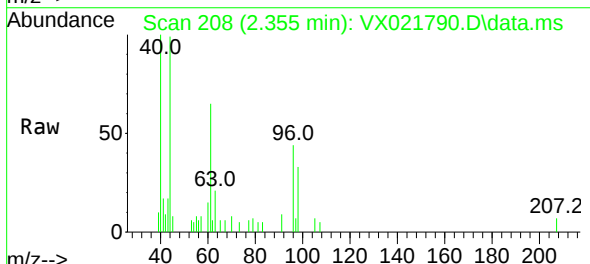
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MSVOA_X
ClientSampleId :

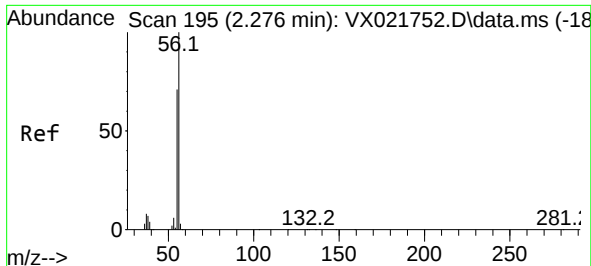
Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 140.2 76.4 114.6#



#12
1,1-Dichloroethene
Concen: 0.64 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion: 96 Resp: 1021
Ion Ratio Lower Upper
96 100
61 148.7 124.6 187.0
98 75.2 50.6 76.0

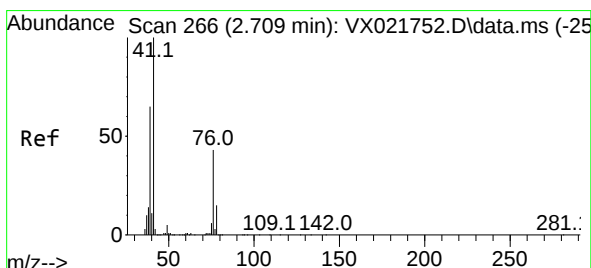
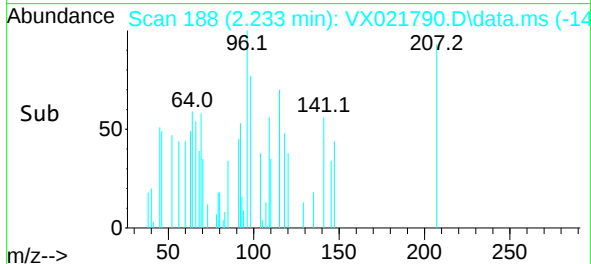
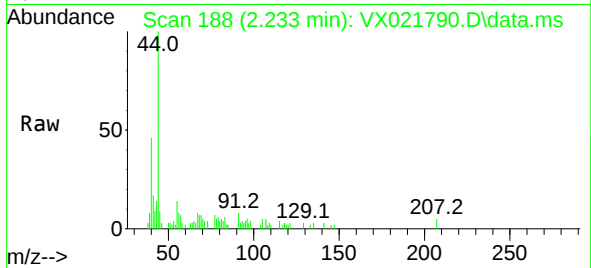




#13
Acrolein
Concen: 0.26 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.043 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

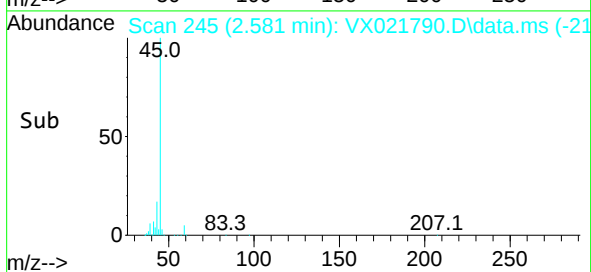
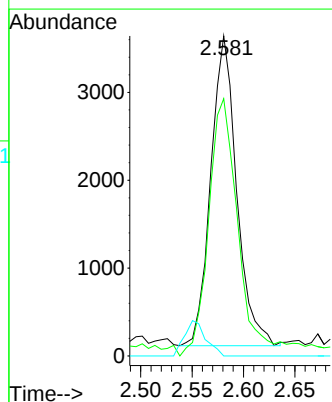
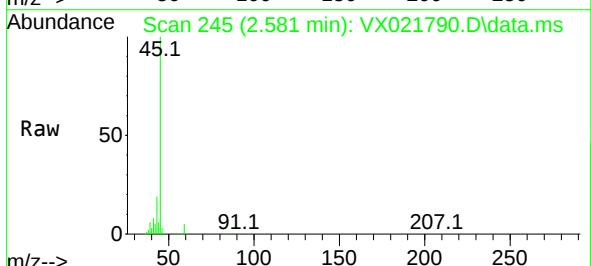
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 92.2 56.4 84.6#



#14
Allyl chloride
Concen: 2.40 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.128 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion: 41 Resp: 6178
Ion Ratio Lower Upper
41 100
39 98.5 51.6 77.4#
76 0.0 30.5 45.7#

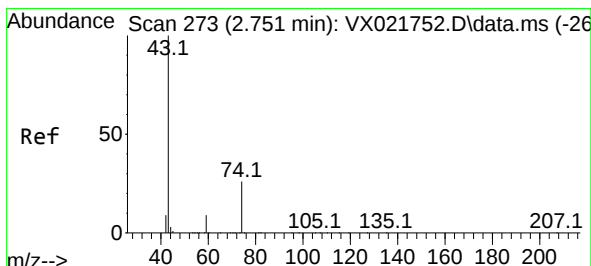
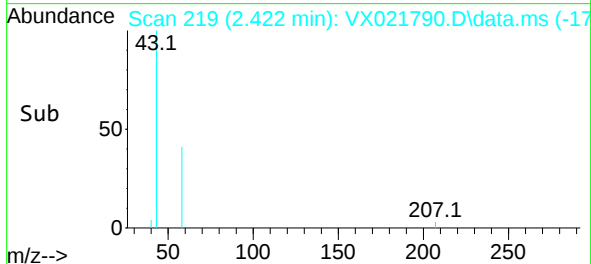
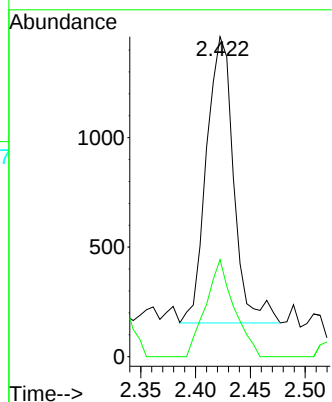
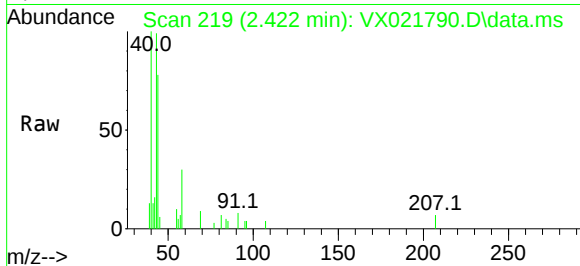




#16
Acetone
Concen: 3.36 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

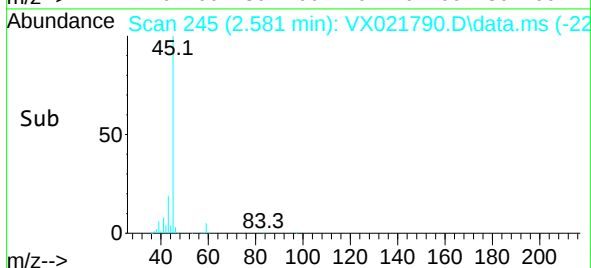
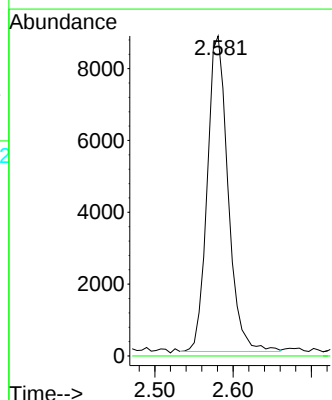
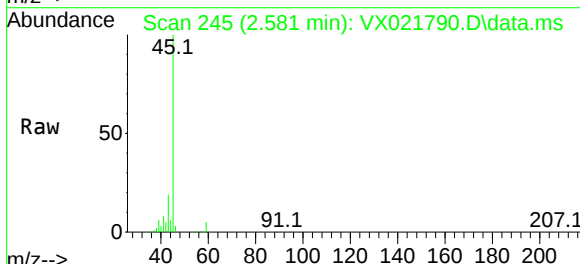
Instrument :
MSVOA_X
ClientSampled :

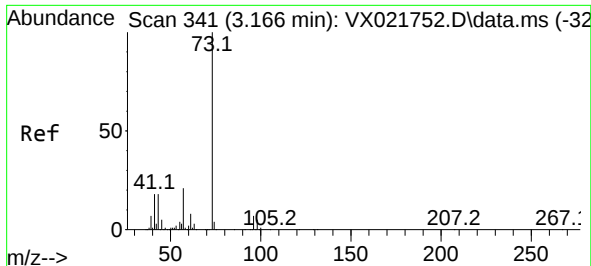
Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



#18
Methyl Acetate
Concen: 8.83 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.170 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion: 43 Resp: 16188
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

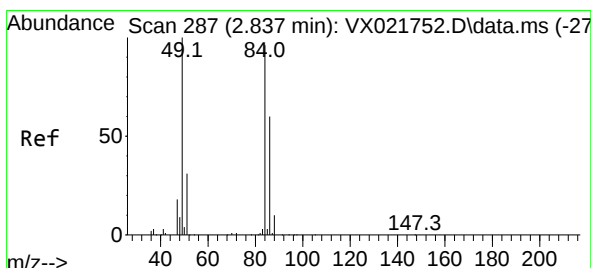
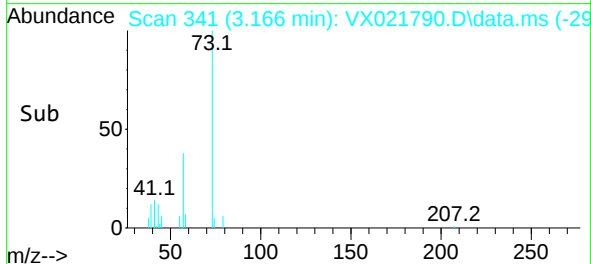
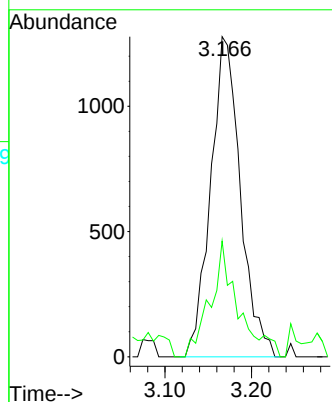
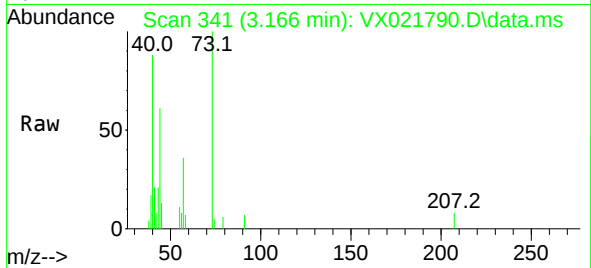




#19
Methyl tert-butyl Ether
Concen: 0.55 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

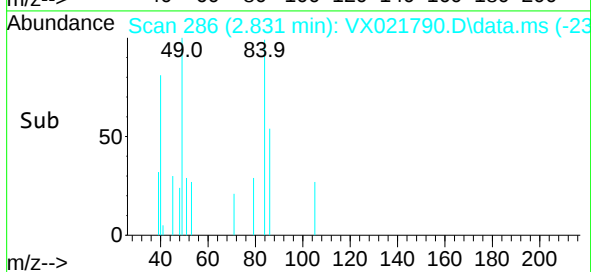
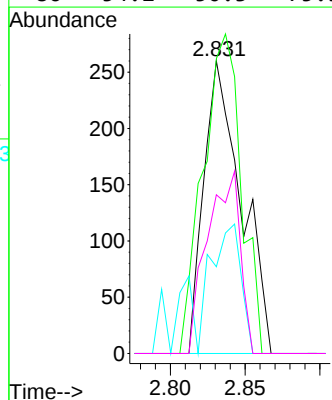
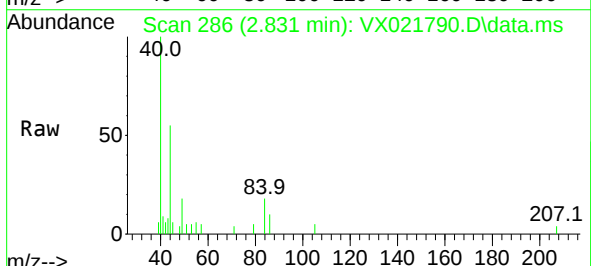
Instrument :
MSVOA_X
ClientSampled :

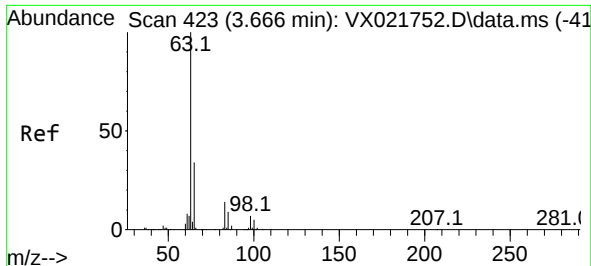
Tgt Ion: 73 Resp: 3043
Ion Ratio Lower Upper
73 100
57 36.2 17.1 25.7#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

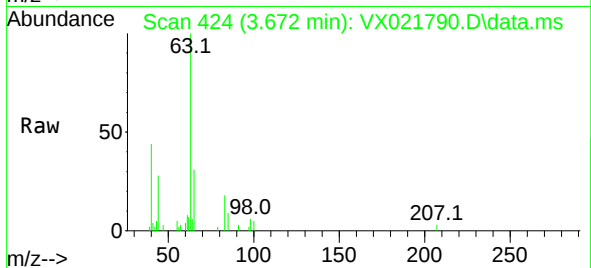
Tgt Ion: 84 Resp: 453
Ion Ratio Lower Upper
84 100
49 100.8 88.6 132.8
51 29.6 27.0 40.6
86 54.2 50.3 75.5



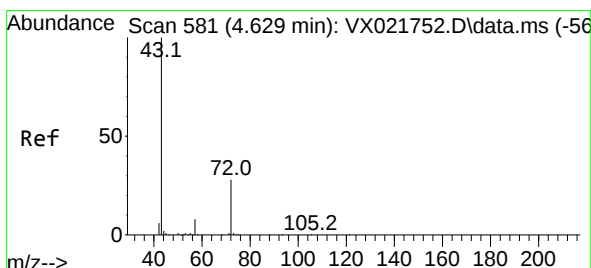
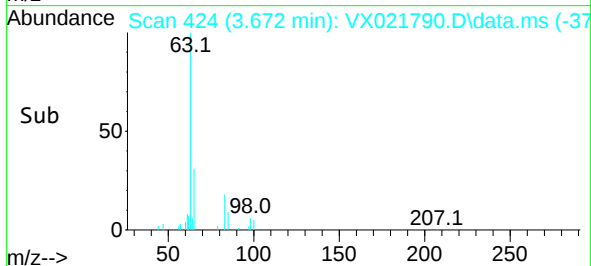
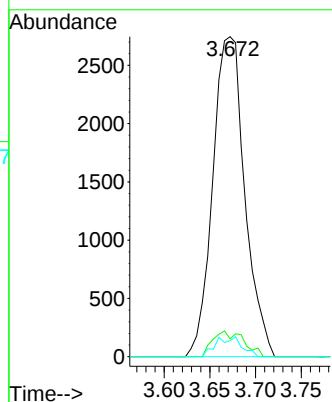


#24
1,1-Dichloroethane
Concen: 2.19 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Instrument :
MSVOA_X
ClientSampled :

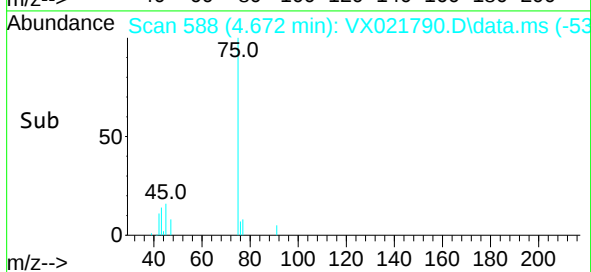
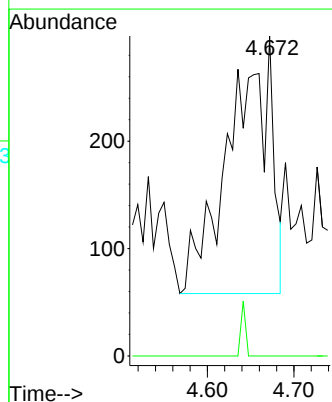
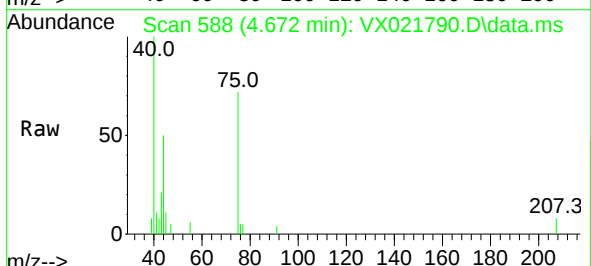


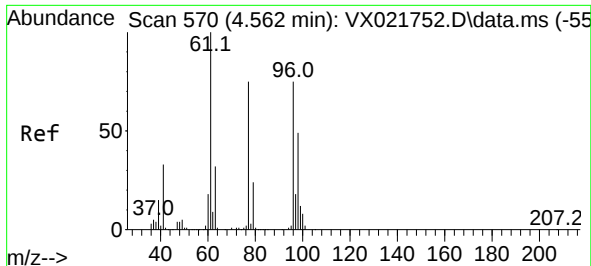
Tgt Ion: 63 Resp: 6699
Ion Ratio Lower Upper
63 100
98 5.6 3.8 11.2
100 5.0 2.5 7.5



#25
2-Butanone
Concen: 0.71 ug/l
RT: 4.672 min Scan# 588
Delta R.T. 0.043 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

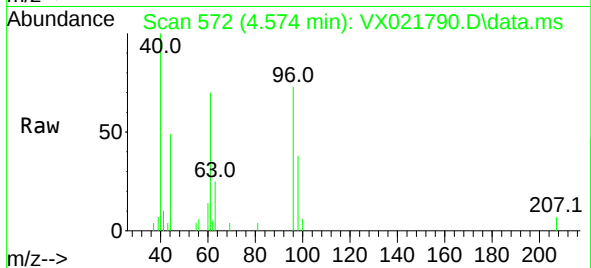
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



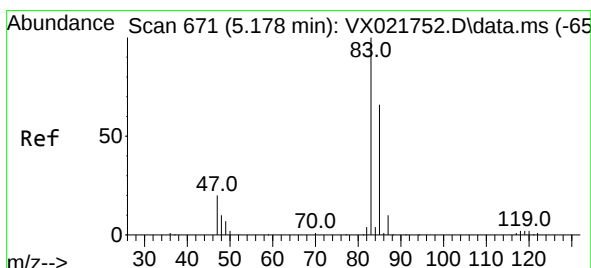
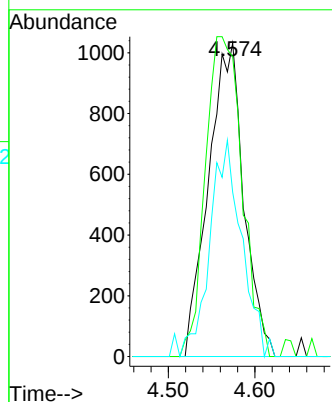
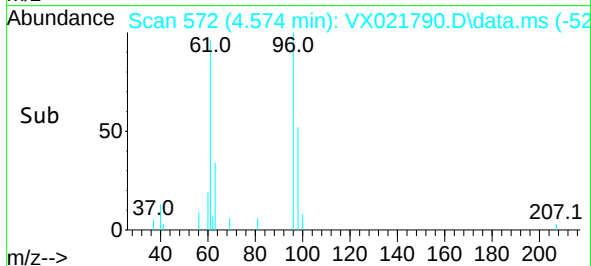


#27
cis-1,2-Dichloroethene
Concen: 1.40 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

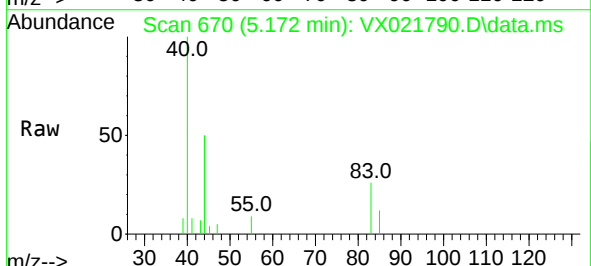
Instrument :
MSVOA_X
ClientSampled :



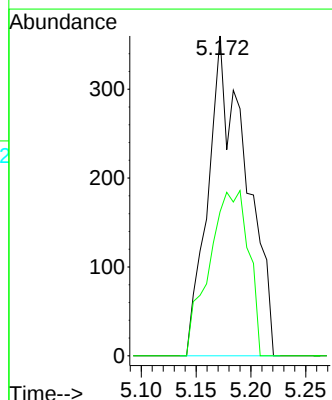
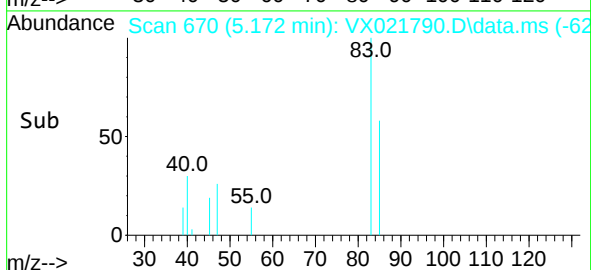
Tgt Ion: 96 Resp: 2929
Ion Ratio Lower Upper
96 100
61 106.0 0.0 285.6
98 61.8 0.0 129.6

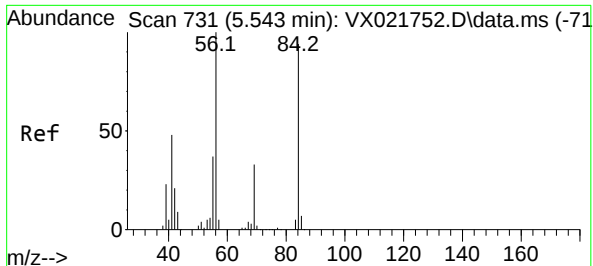


#30
Chloroform
Concen: 0.26 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.006 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18



Tgt Ion: 83 Resp: 866
Ion Ratio Lower Upper
83 100
85 45.0 52.0 78.0#

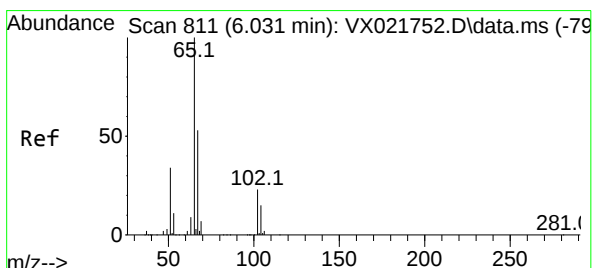
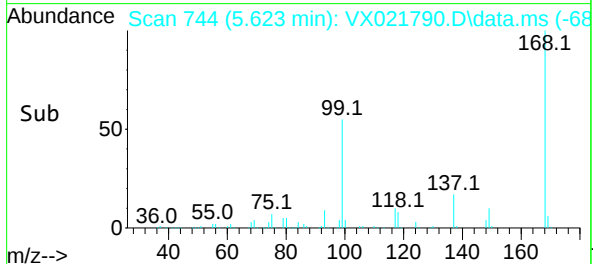
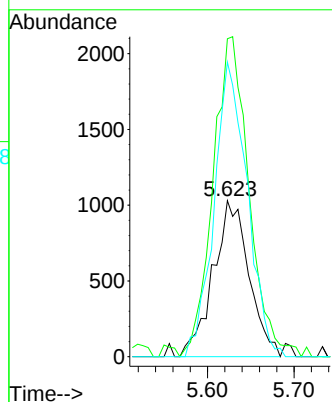
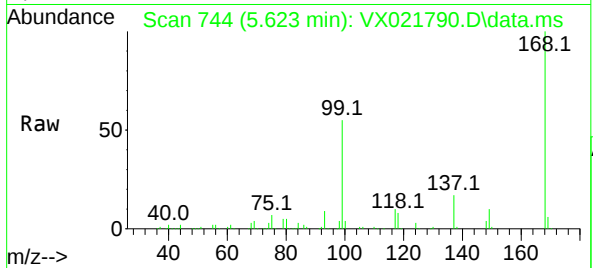




#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

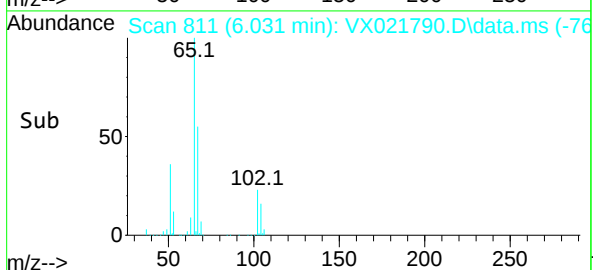
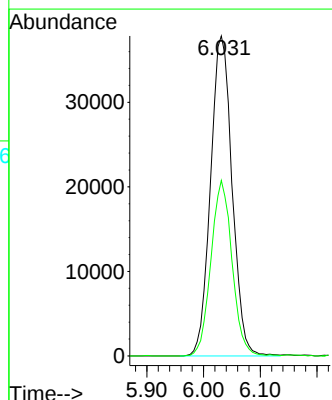
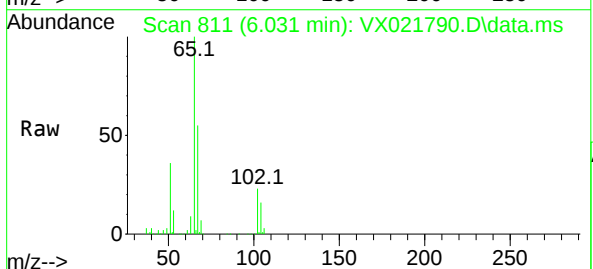
Instrument :
MSVOA_X
ClientSampleId :

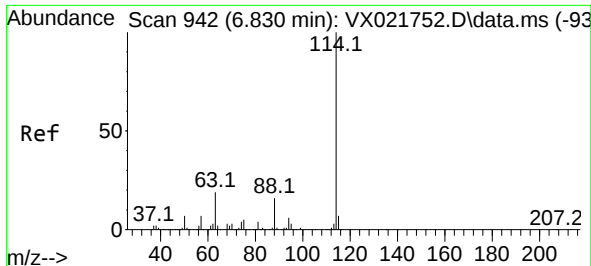
Tgt Ion: 56 Resp: 2954
Ion Ratio Lower Upper
56 100
69 203.7 25.3 37.9#
84 188.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.84 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion: 65 Resp: 99943
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

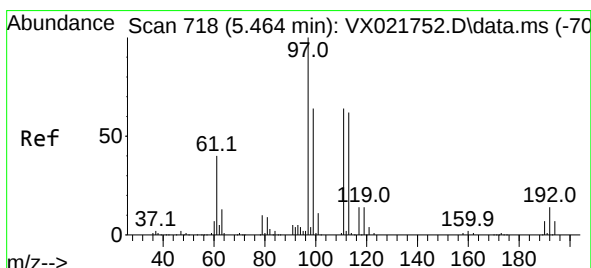
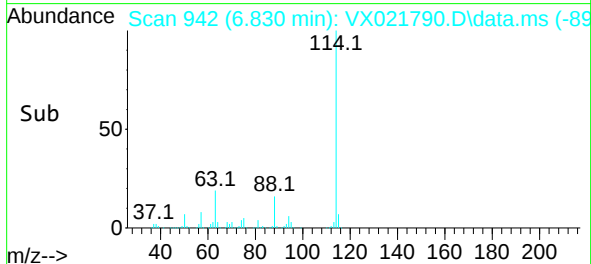
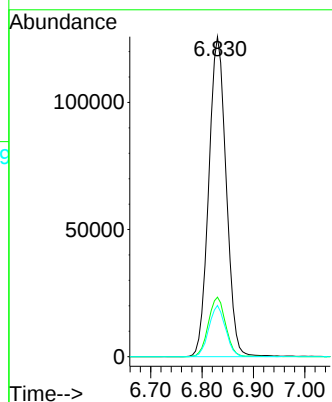
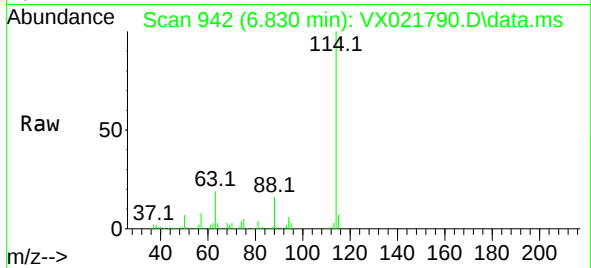




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

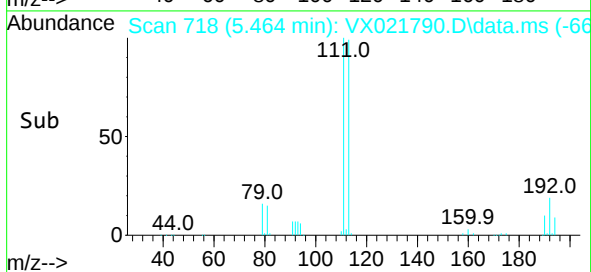
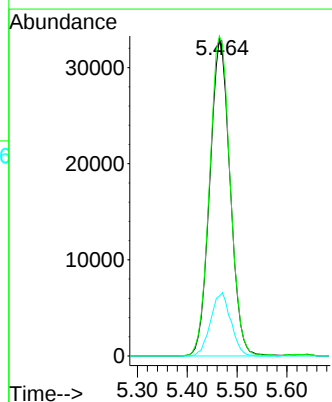
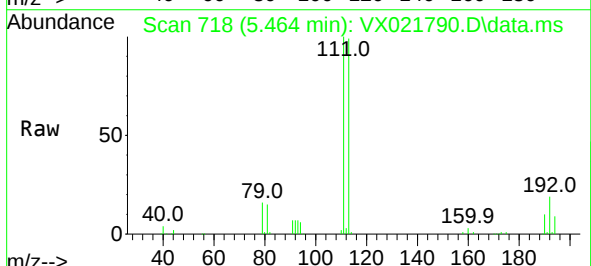
Instrument :
MSVOA_X
ClientSampled :

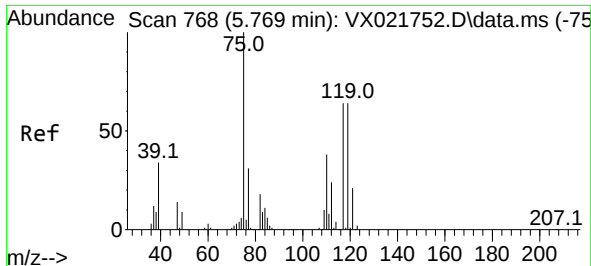
Tgt Ion:114 Resp: 295732
Ion Ratio Lower Upper
114 100
63 18.6 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.24 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion:113 Resp: 93131
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.9 16.7 25.1

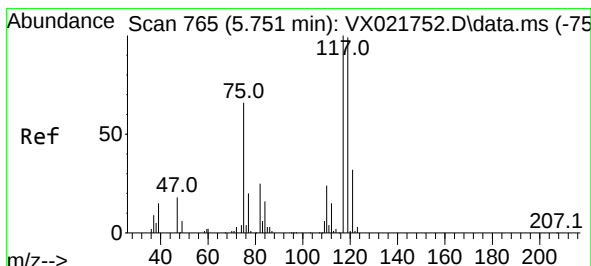
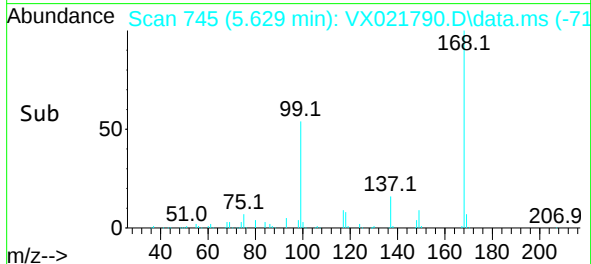
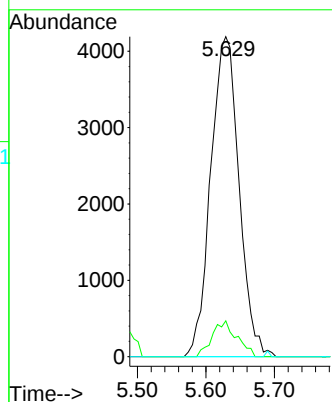
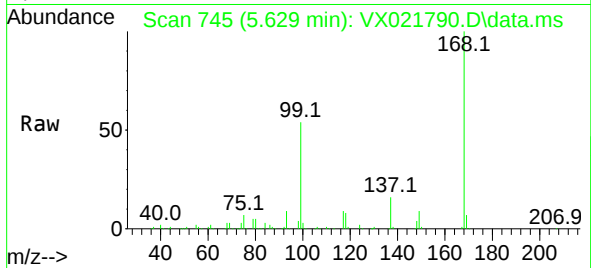




#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

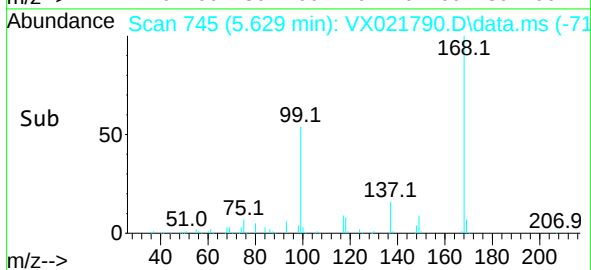
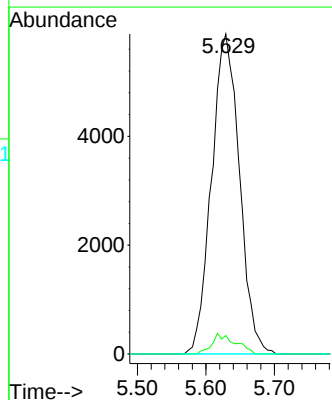
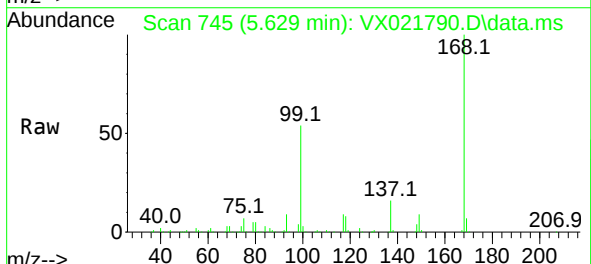
Instrument :
MSVOA_X
ClientSampleId :

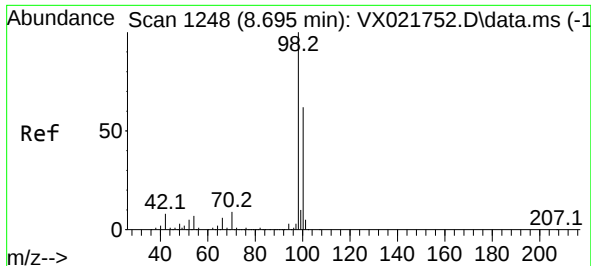
Tgt Ion: 75 Resp: 12012
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion: 117 Resp: 16625
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

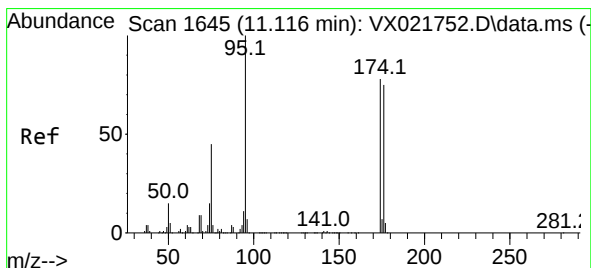
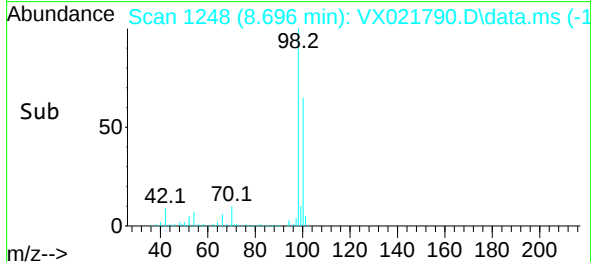
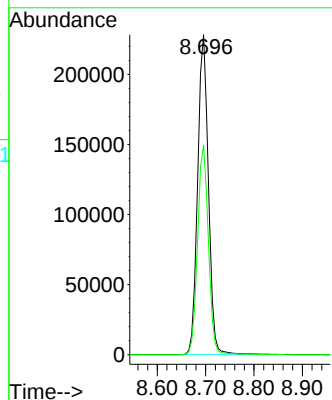
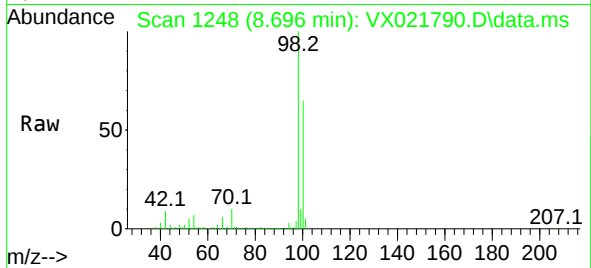




#50
Toluene-d8
Concen: 48.52 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

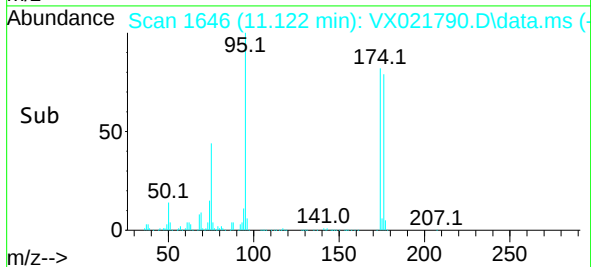
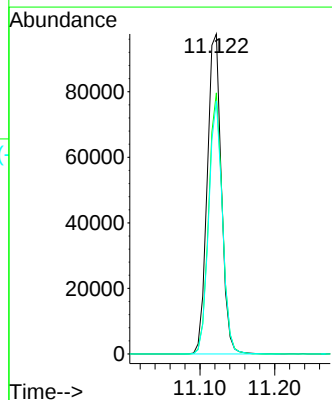
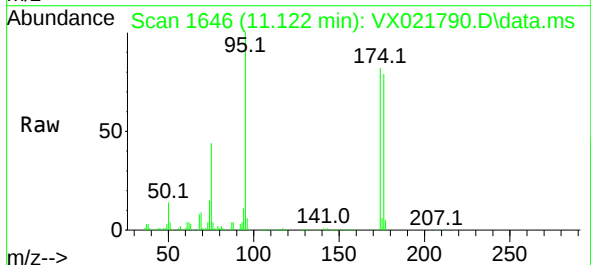
Instrument :
MSVOA_X
ClientSampled :

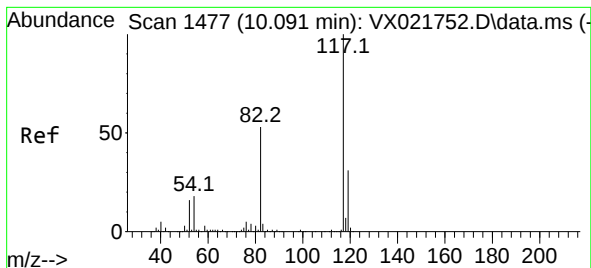
Tgt Ion: 98 Resp: 352829
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.99 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion: 95 Resp: 127616
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 76.8 0.0 155.8

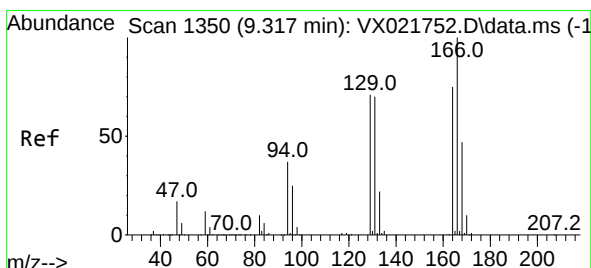
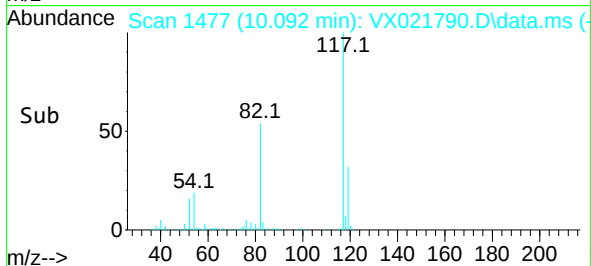
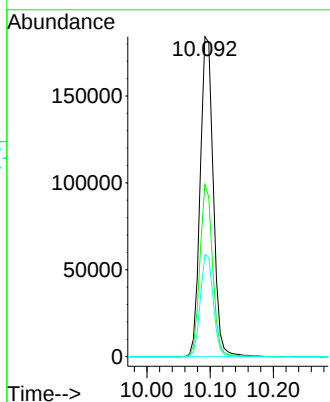
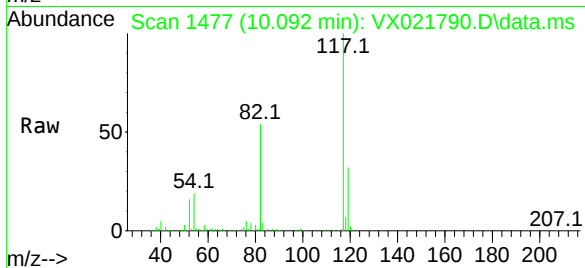




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

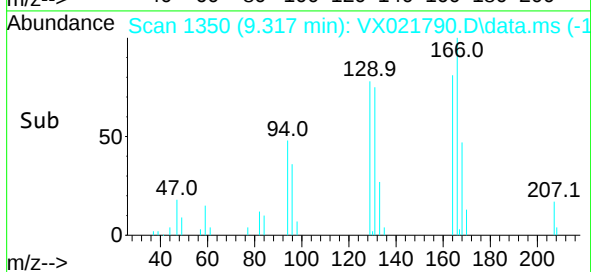
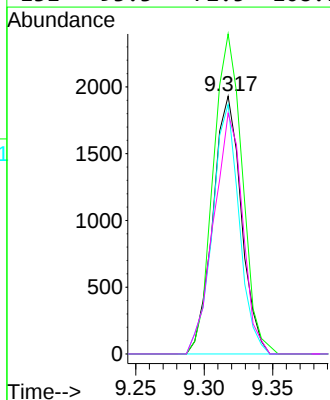
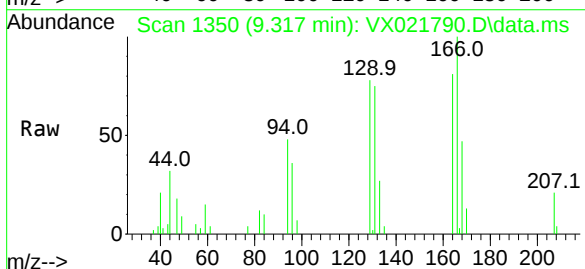
Instrument :
MSVOA_X
ClientSampleId :

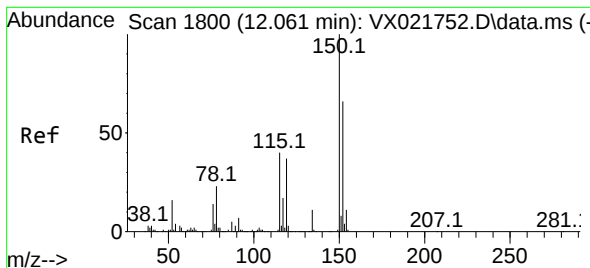
Tgt Ion:117 Resp: 265736
Ion Ratio Lower Upper
117 100
82 53.8 47.4 71.2
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 1.34 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX021790.D
Acq: 21 Apr 2021 14:18

Tgt Ion:164 Resp: 2789
Ion Ratio Lower Upper
164 100
166 124.1 103.4 155.2
129 96.8 70.8 106.2
131 93.3 72.5 108.7

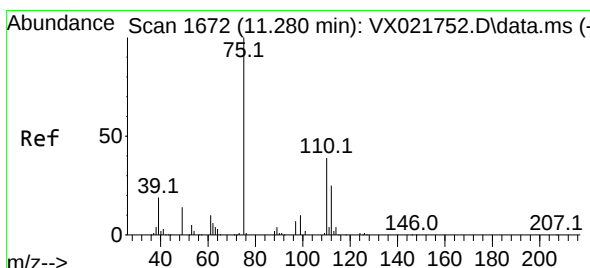
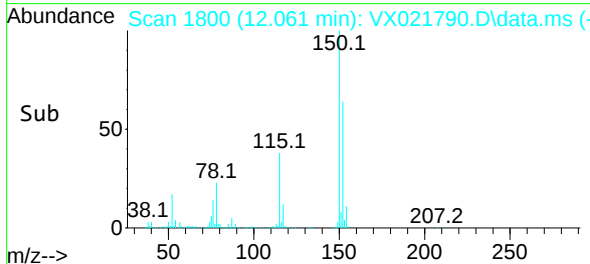
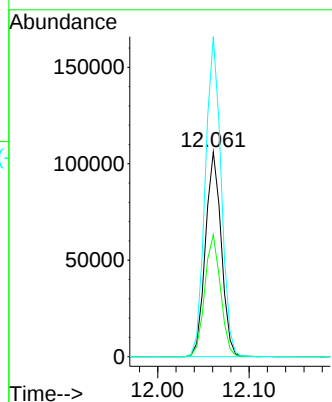
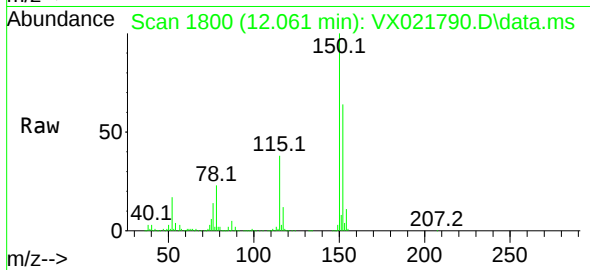




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021790.D
 Acq: 21 Apr 2021 14:18

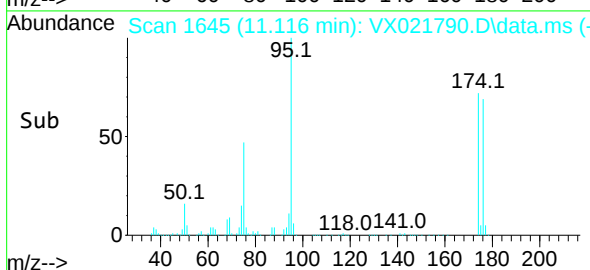
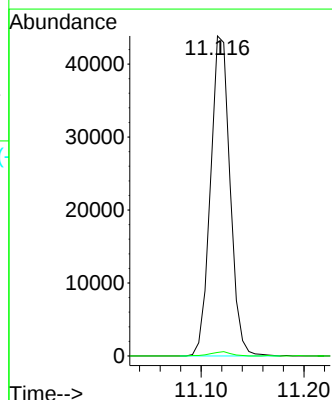
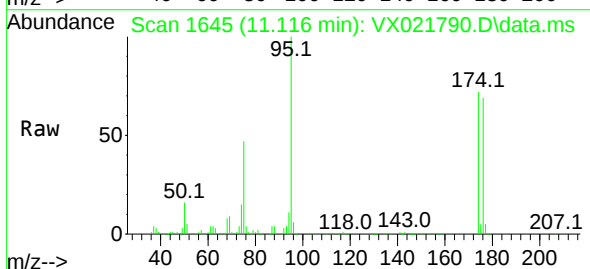
Instrument :
 MSVOA_X
 ClientSampled :

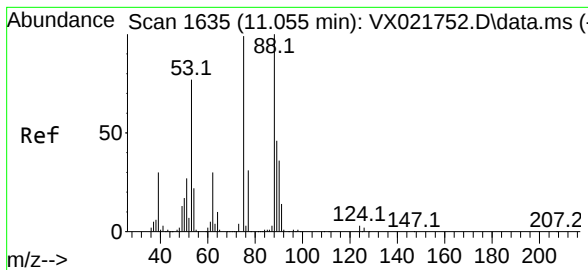
Tgt Ion:152 Resp: 126904
 Ion Ratio Lower Upper
 152 100
 115 59.4 41.1 123.3
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 22.99 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021790.D
 Acq: 21 Apr 2021 14:18

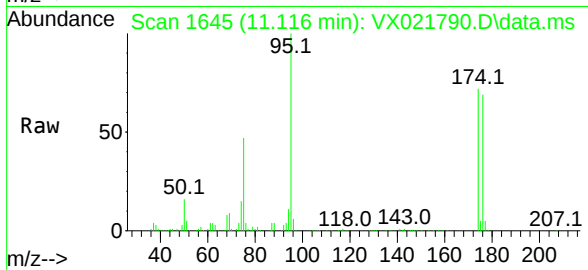
Tgt Ion: 75 Resp: 57853
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.86 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021790.D
 Acq: 21 Apr 2021 14:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57853
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

