

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021690.D
 Acq On : 31 Mar 2021 17:01
 Operator : JC/MD
 Sample : M1842-20RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 03:27:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

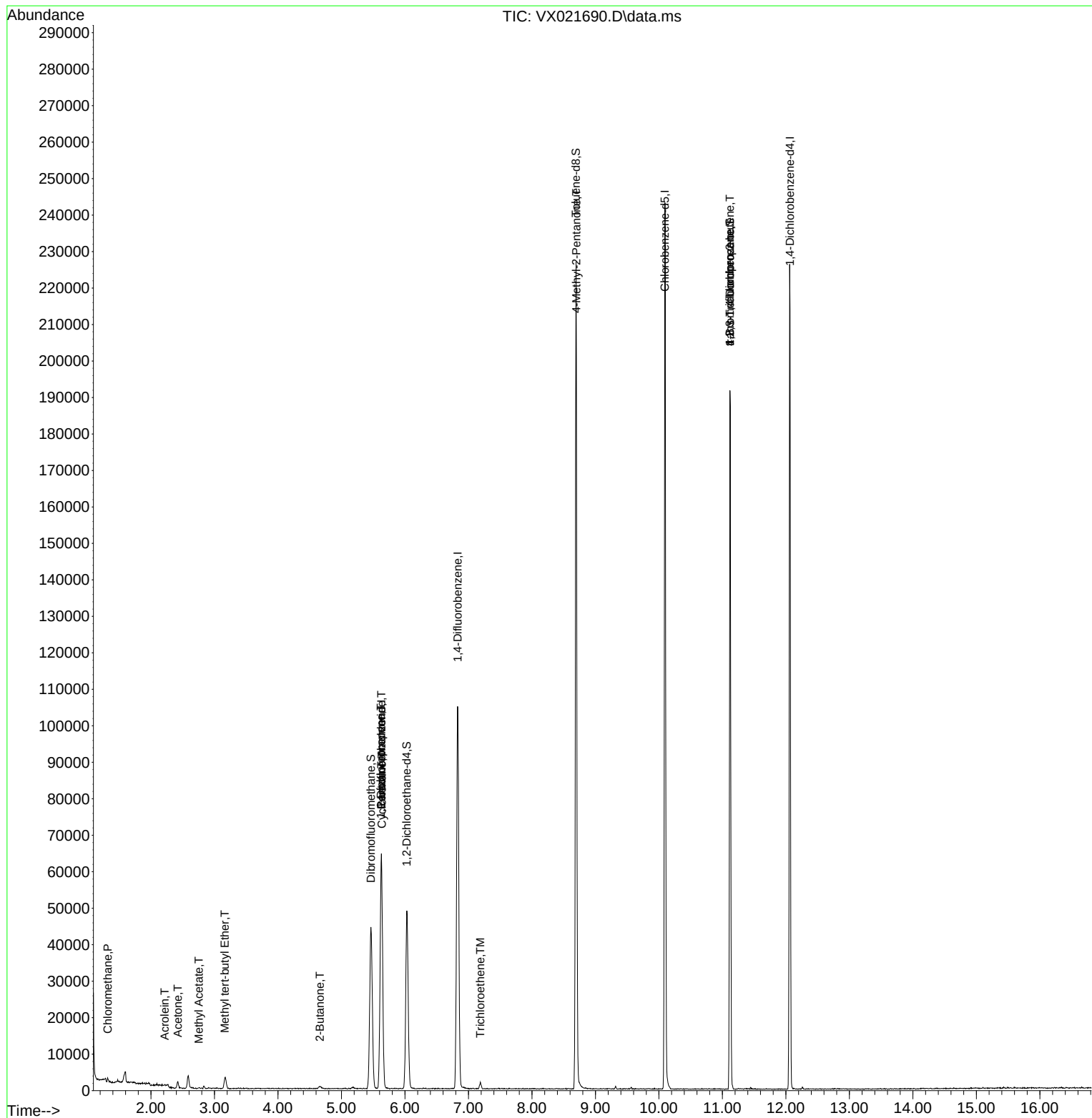
Internal Standards						
1) Pentafluorobenzene	5.629	168	55443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	98723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	103416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	43654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	48302	52.36	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.72%	
35) Dibromofluoromethane	5.464	113	36674	52.30	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.60%	
50) Toluene-d8	8.694	98	124800	49.94	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.88%	
62) 4-Bromofluorobenzene	11.118	95	50165	51.63	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.26%	
Target Compounds						
						Qvalue
3) Chloromethane	1.316	50	1303	1.90	ug/l	97
13) Acrolein	2.217	56	19	4.54	ug/l #	14
16) Acetone	2.423	43	1731	4.96	ug/l #	84
18) Methyl Acetate	2.752	43	251	0.25	ug/l #	47
19) Methyl tert-butyl Ether	3.164	73	3068	1.47	ug/l	93
25) 2-Butanone	4.658	43	107	0.20	ug/l #	45
31) Cyclohexane	5.635	56	1419	1.40	ug/l #	44
36) 1,1-Dichloropropene	5.623	75	4923	5.09	ug/l #	48
38) Carbon Tetrachloride	5.629	117	5869	5.65	ug/l #	16
44) Trichloroethene	7.188	130	581	0.80	ug/l	61
51) 4-Methyl-2-Pentanone	8.700	43	711	0.64	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	28002	27.55	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	28002	83.93	ug/l #	12

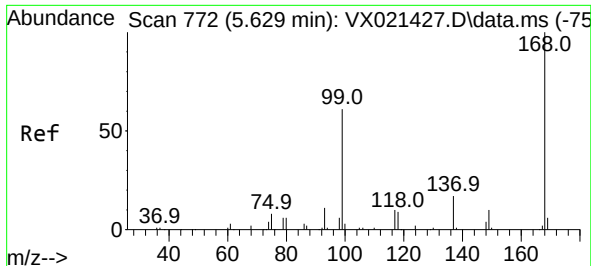
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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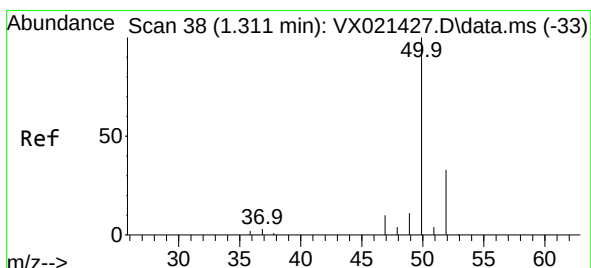
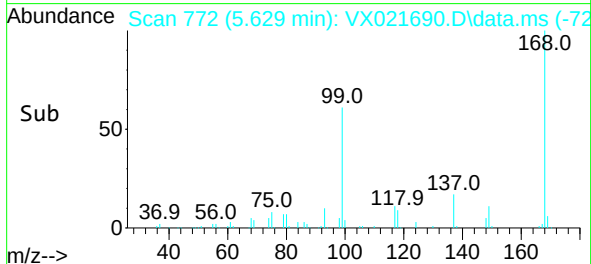
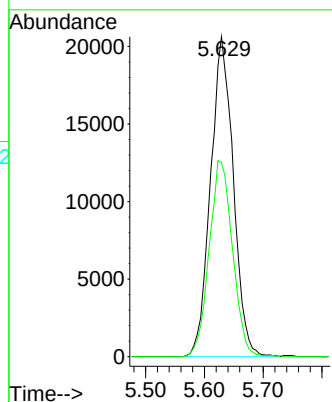
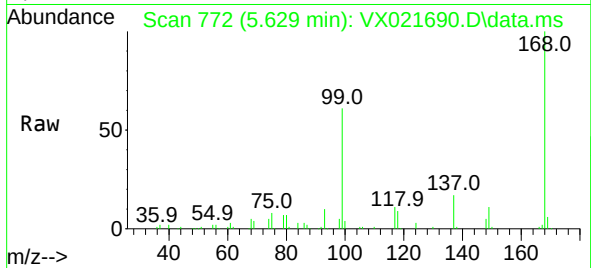




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

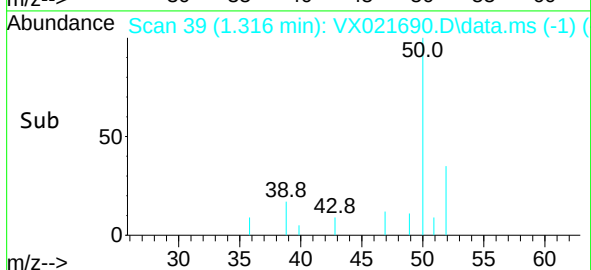
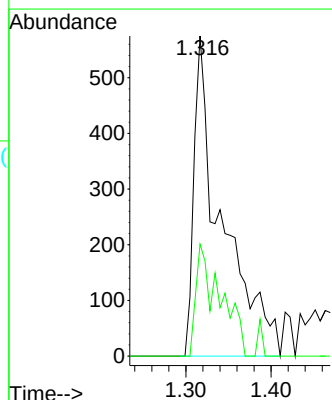
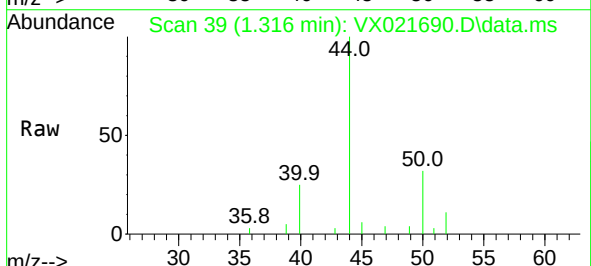
Instrument :
MSVOA_X
ClientSampled :

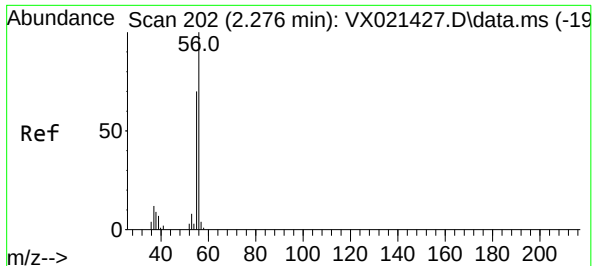
Tgt Ion:168 Resp: 55443
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#3
Chloromethane
Concen: 1.90 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

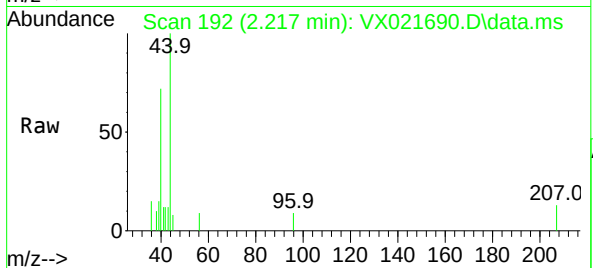
Tgt Ion: 50 Resp: 1303
Ion Ratio Lower Upper
50 100
52 35.0 26.4 39.6



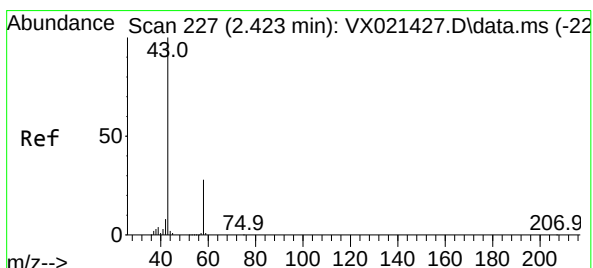
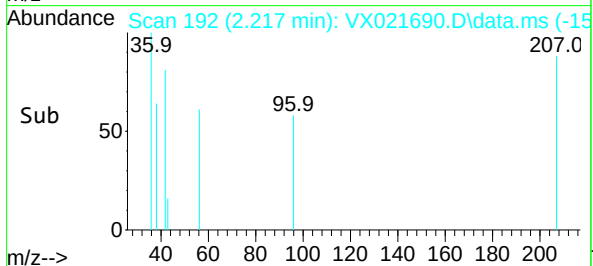
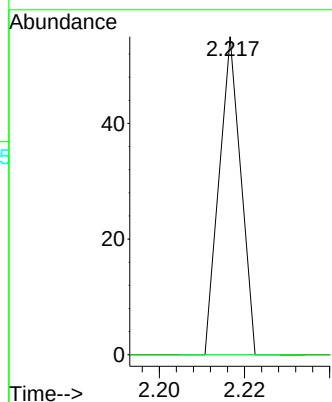


#13
Acrolein
Concen: 4.54 ug/l
RT: 2.217 min Scan# 192
Delta R.T. -0.059 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

Instrument :
MSVOA_X
ClientSampled :

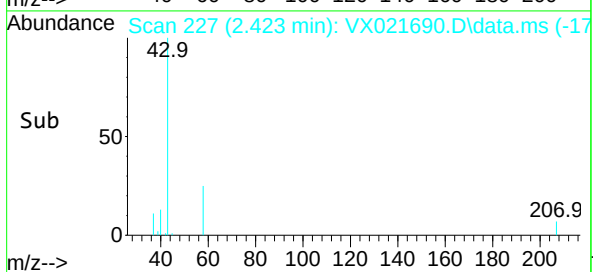
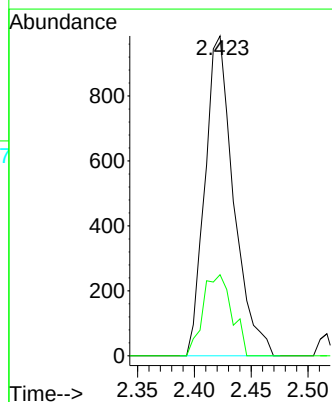
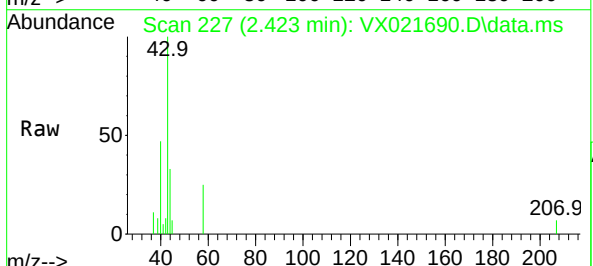


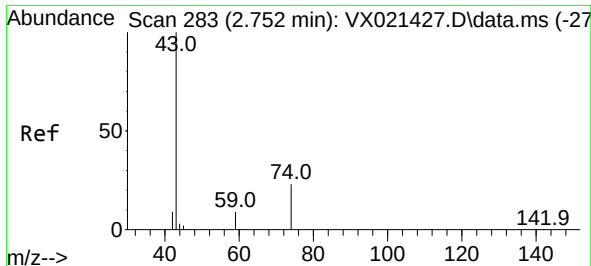
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 4.96 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

Tgt Ion: 43 Resp: 1731
Ion Ratio Lower Upper
43 100
58 25.4 27.8 41.8#

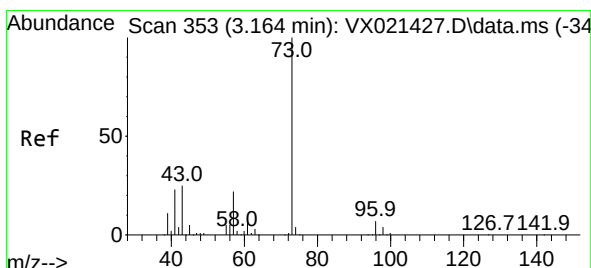
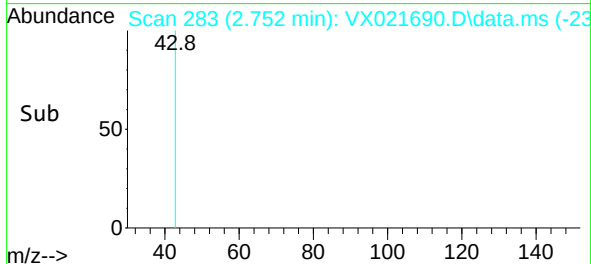
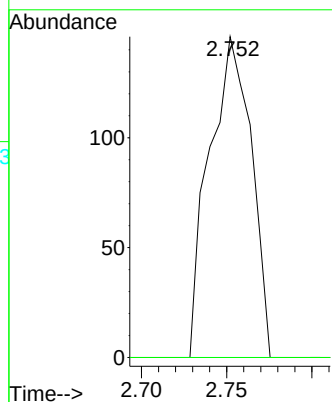
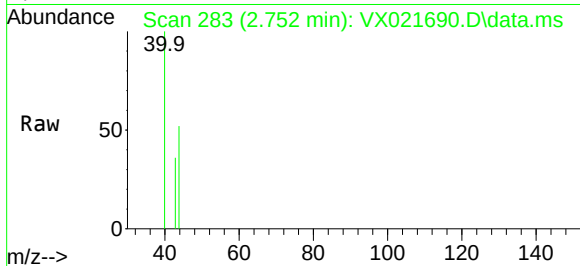




#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

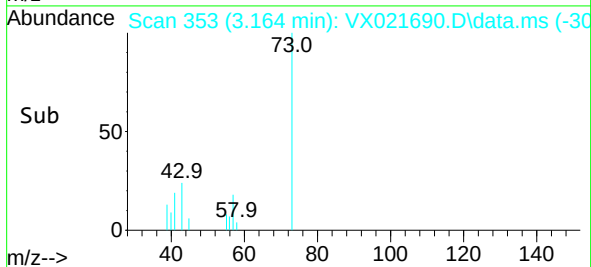
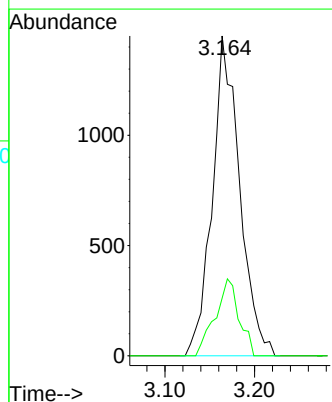
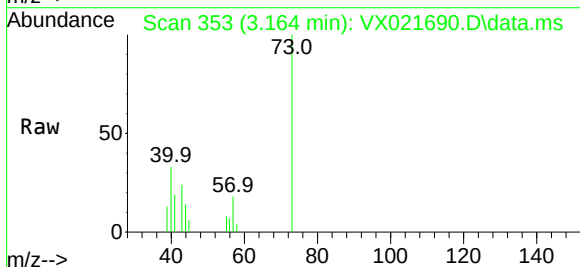
Instrument :
MSVOA_X
ClientSampled :

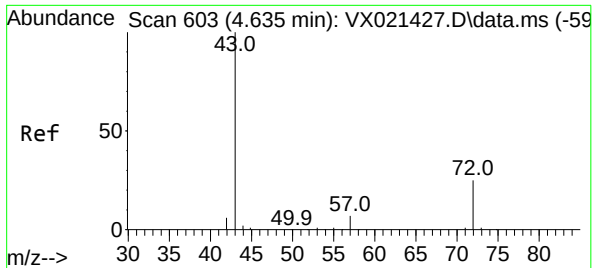
Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 1.47 ug/l
RT: 3.164 min Scan# 353
Delta R.T. -0.000 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

Tgt Ion: 73 Resp: 3068
Ion Ratio Lower Upper
73 100
57 18.0 17.1 25.7

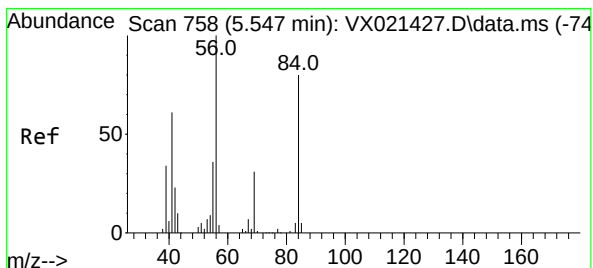
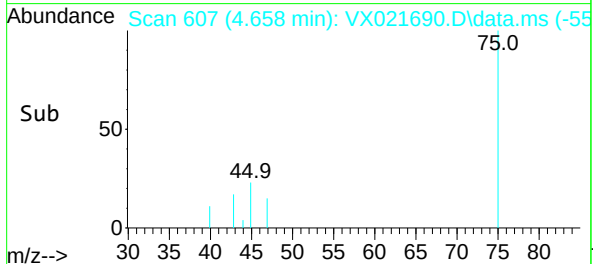
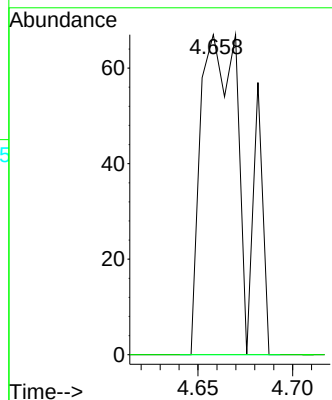
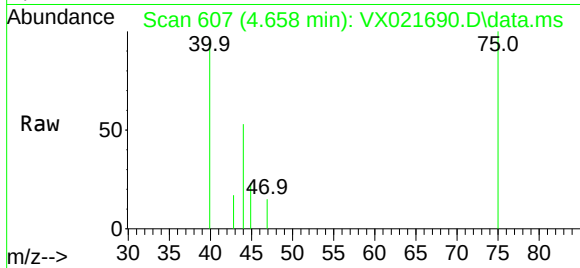




#25
2-Butanone
Concen: 0.20 ug/l
RT: 4.658 min Scan# 607
Delta R.T. 0.023 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

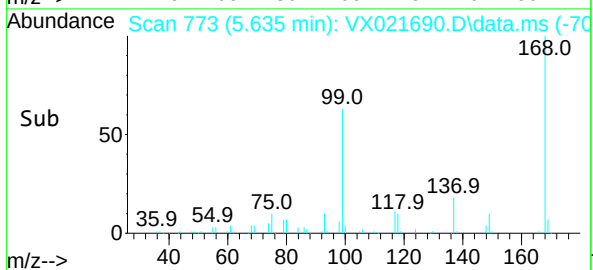
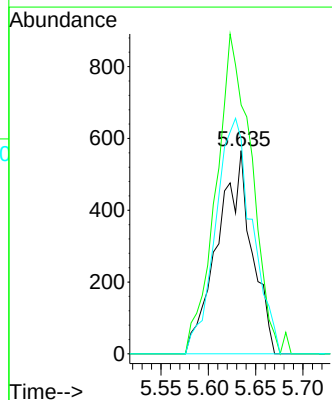
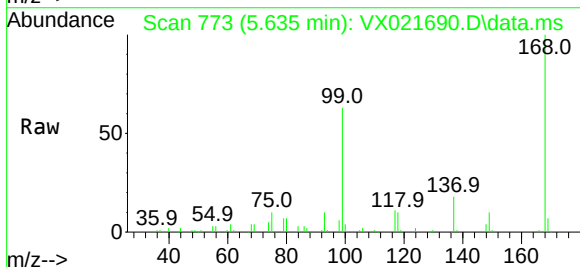
Instrument :
MSVOA_X
ClientSampled :

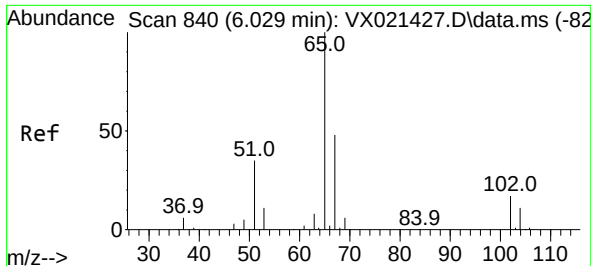
Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.40 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

Tgt Ion: 56 Resp: 1419
Ion Ratio Lower Upper
56 100
69 122.4 25.3 37.9#
84 105.7 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 52.36 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021690.D

Acq: 31 Mar 2021 17:01

Tgt Ion: 65 Resp: 48302

Ion Ratio Lower Upper

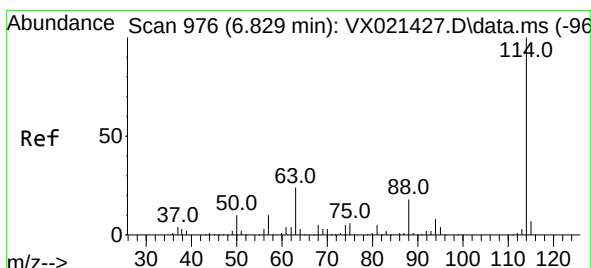
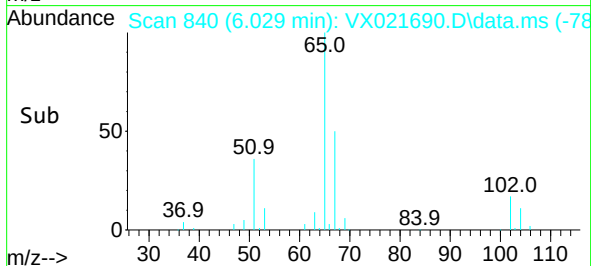
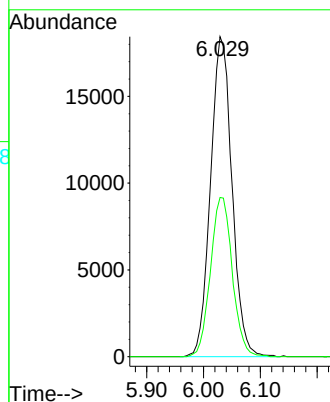
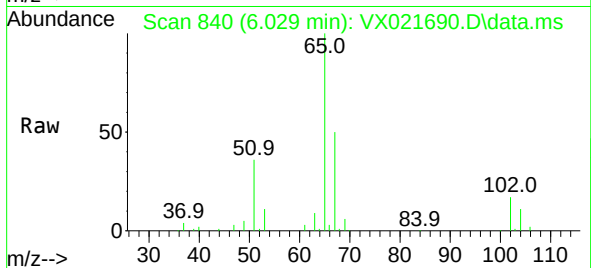
65 100

67 50.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021690.D

Acq: 31 Mar 2021 17:01

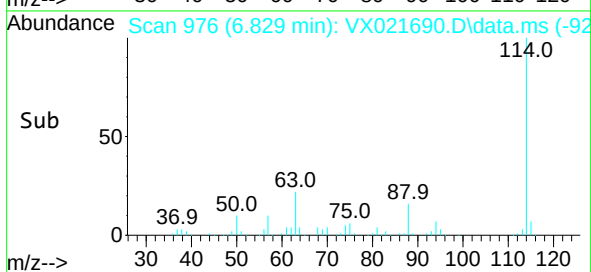
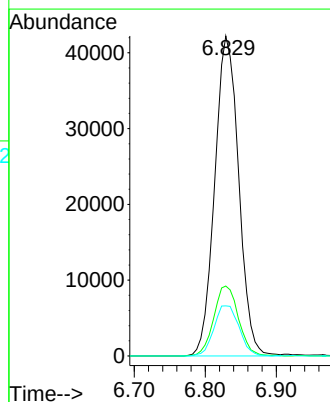
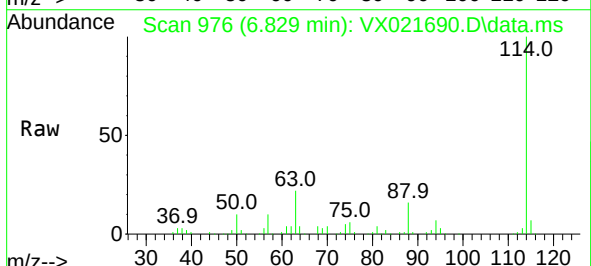
Tgt Ion: 114 Resp: 98723

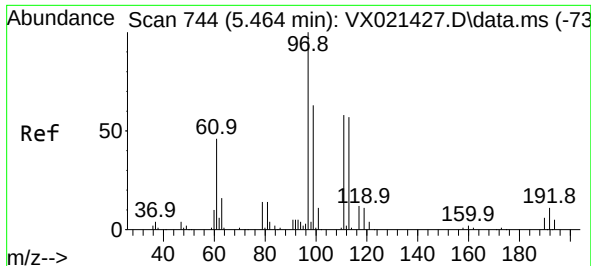
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.8

88 15.6 0.0 32.8

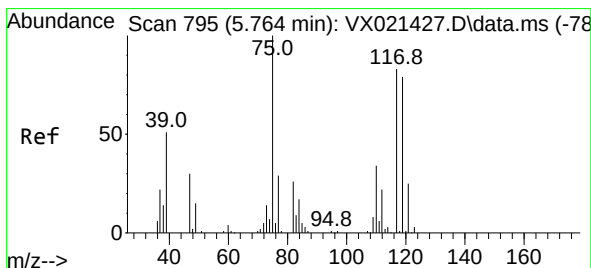
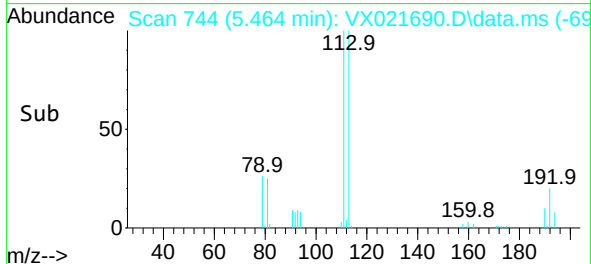
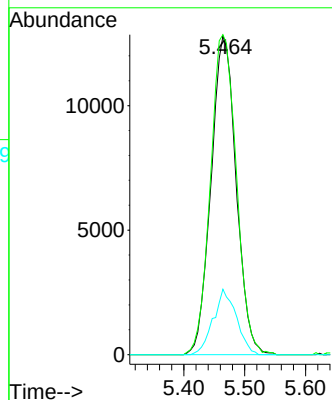
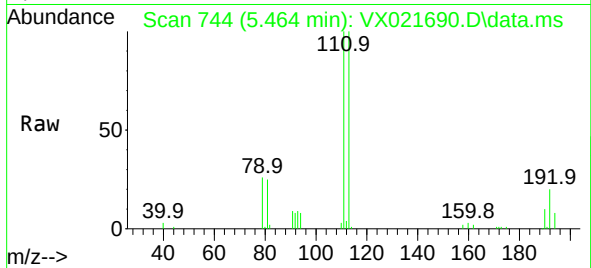




#35
Dibromofluoromethane
Concen: 52.30 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

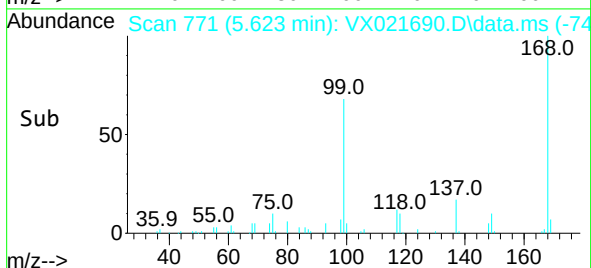
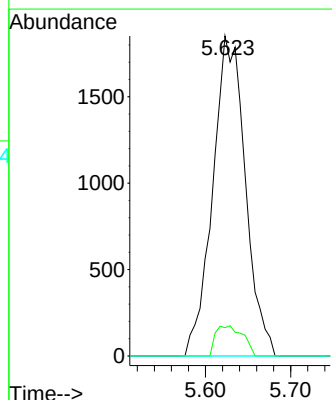
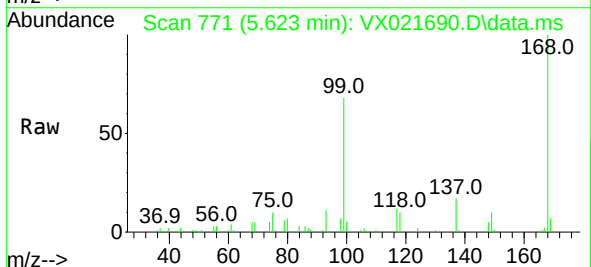
Instrument :
MSVOA_X
ClientSampled :

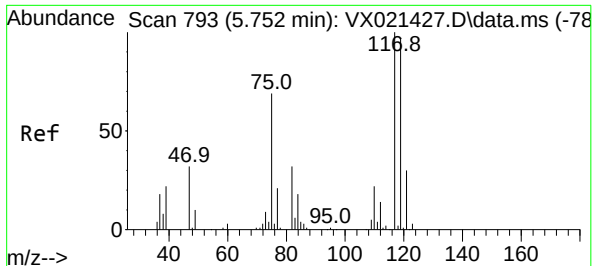
Tgt Ion:113 Resp: 36674
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 18.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

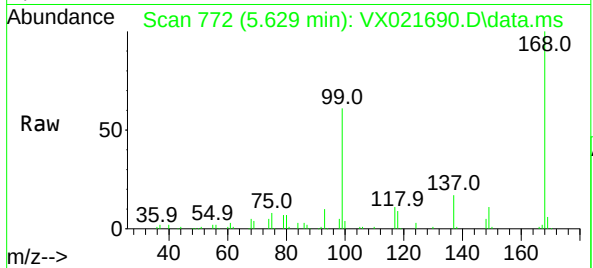
Tgt Ion: 75 Resp: 4923
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#



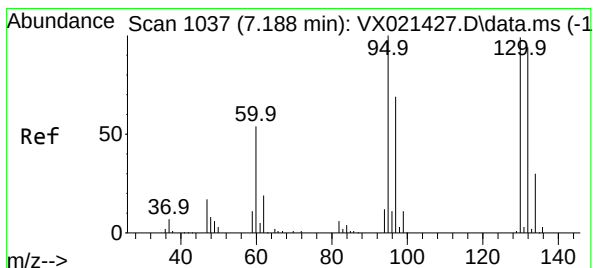
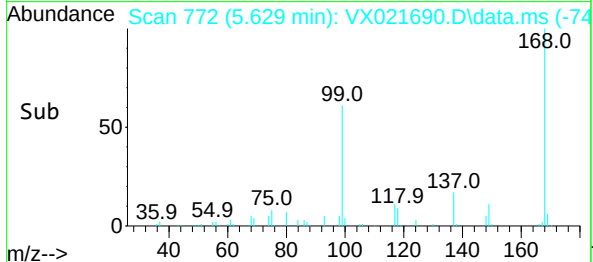
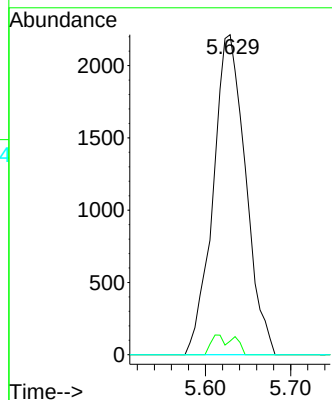


#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

Instrument :
MSVOA_X
ClientSampled :

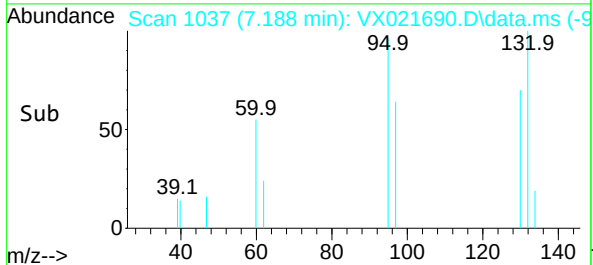
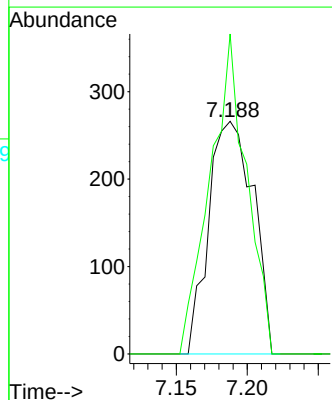
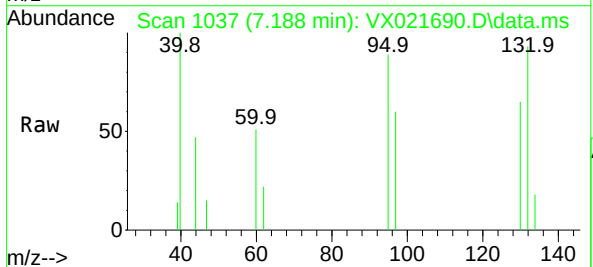


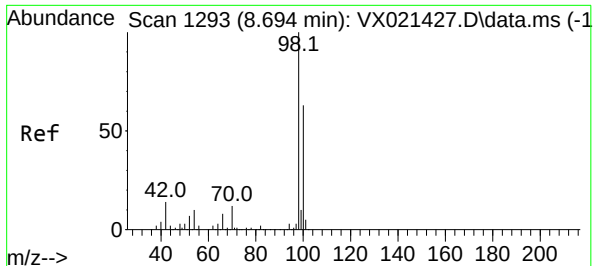
Tgt Ion:117 Resp: 5869
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.80 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

Tgt Ion:130 Resp: 581
Ion Ratio Lower Upper
130 100
95 137.6 0.0 198.0

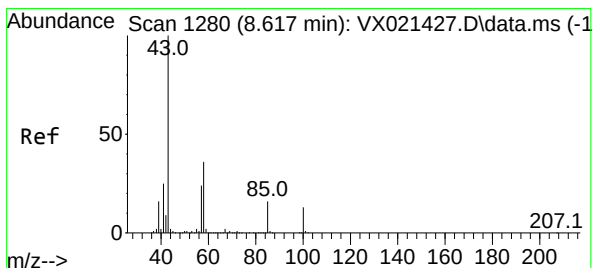
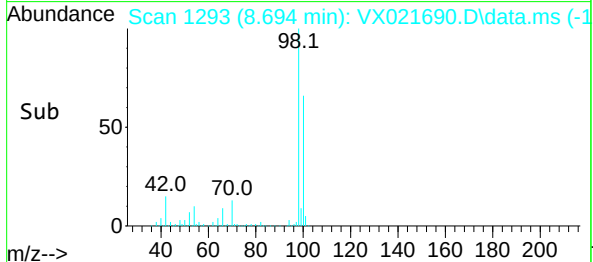
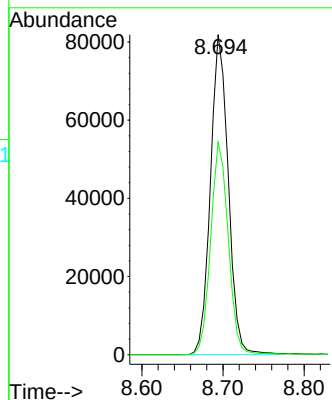
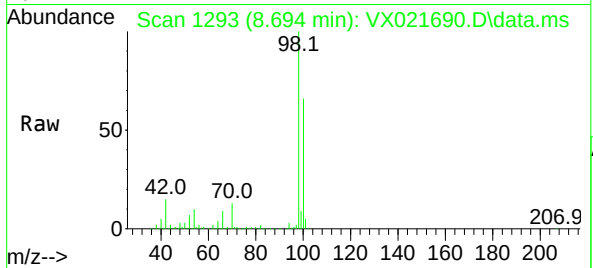




#50
Toluene-d8
Concen: 49.94 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

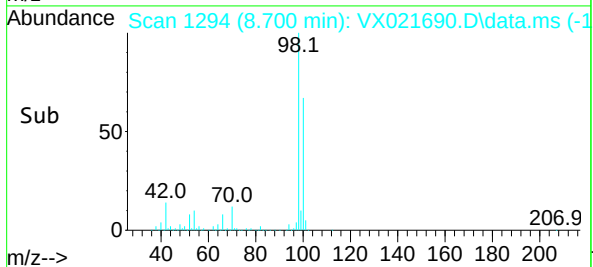
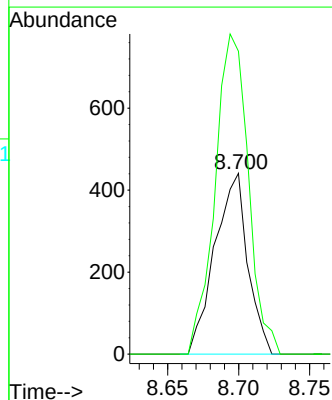
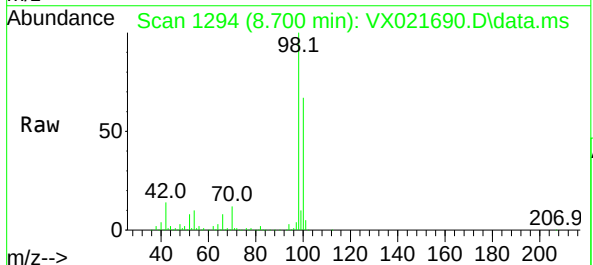
Instrument :
MSVOA_X
ClientSampled :

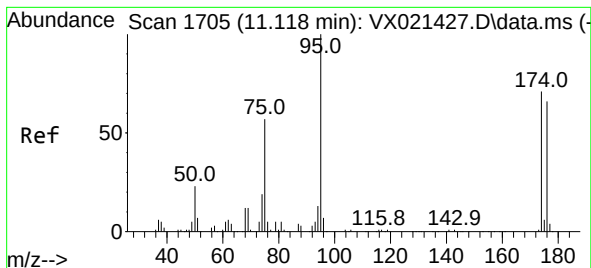
Tgt Ion: 98 Resp: 124800
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.083 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 179.3 35.4 53.0#

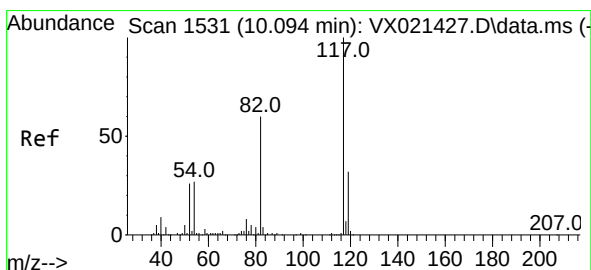
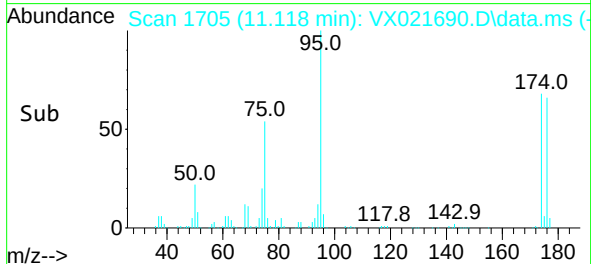
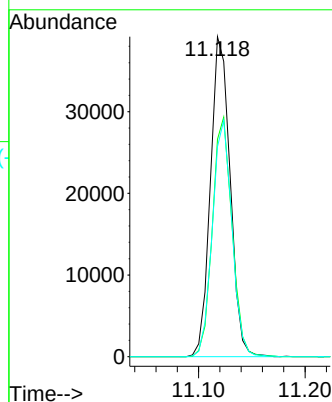
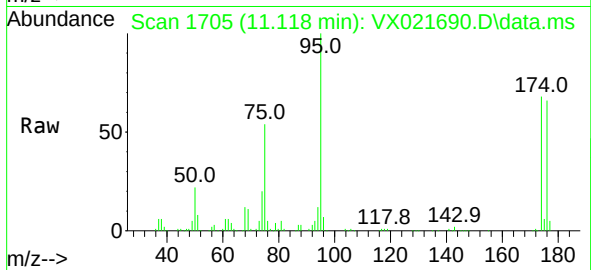




#62
4-Bromofluorobenzene
Concen: 51.63 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

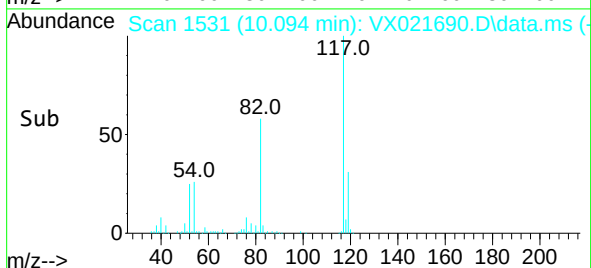
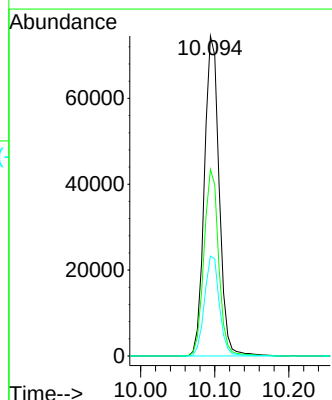
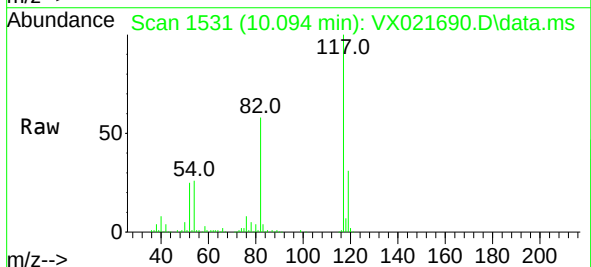
Instrument :
MSVOA_X
ClientSampleId :

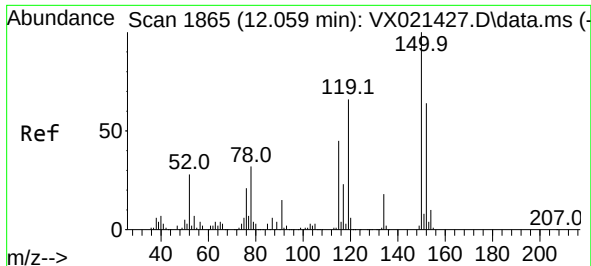
Tgt Ion: 95 Resp: 50165
Ion Ratio Lower Upper
95 100
174 74.6 0.0 154.6
176 73.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

Tgt Ion: 117 Resp: 103416
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.2 26.6 39.8

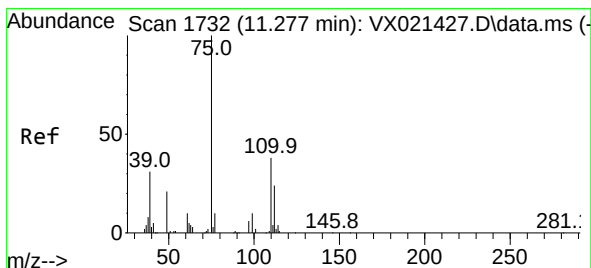
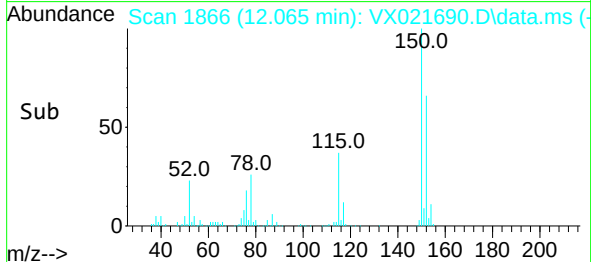
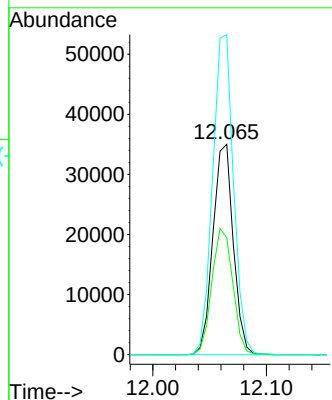
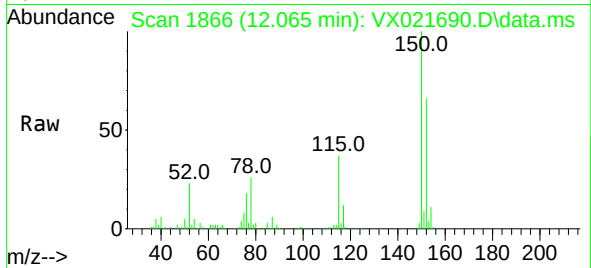




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

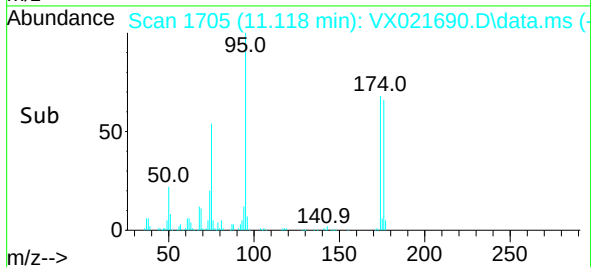
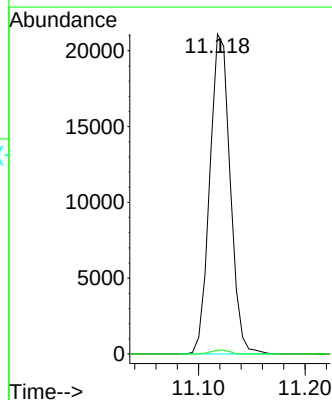
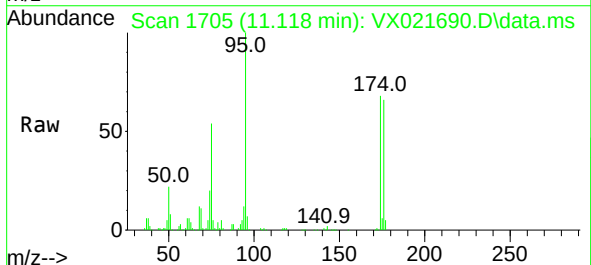
Instrument :
MSVOA_X
ClientSampled :

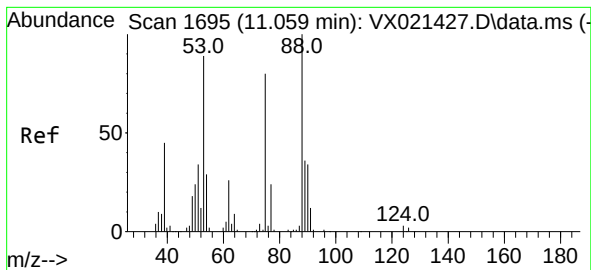
Tgt Ion:152 Resp: 43654
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 156.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.55 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021690.D
Acq: 31 Mar 2021 17:01

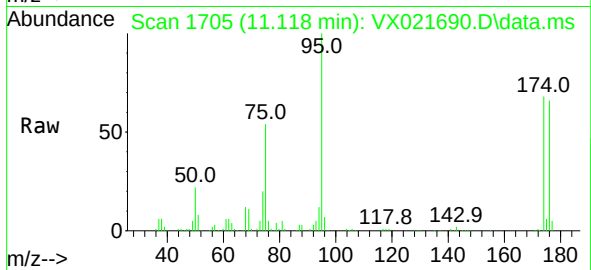
Tgt Ion: 75 Resp: 28002
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.93 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021690.D
 Acq: 31 Mar 2021 17:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 28002
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

