

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021222.D
 Acq On : 16 Mar 2021 00:44
 Operator : JC/MD
 Sample : M1645-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 04:41:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

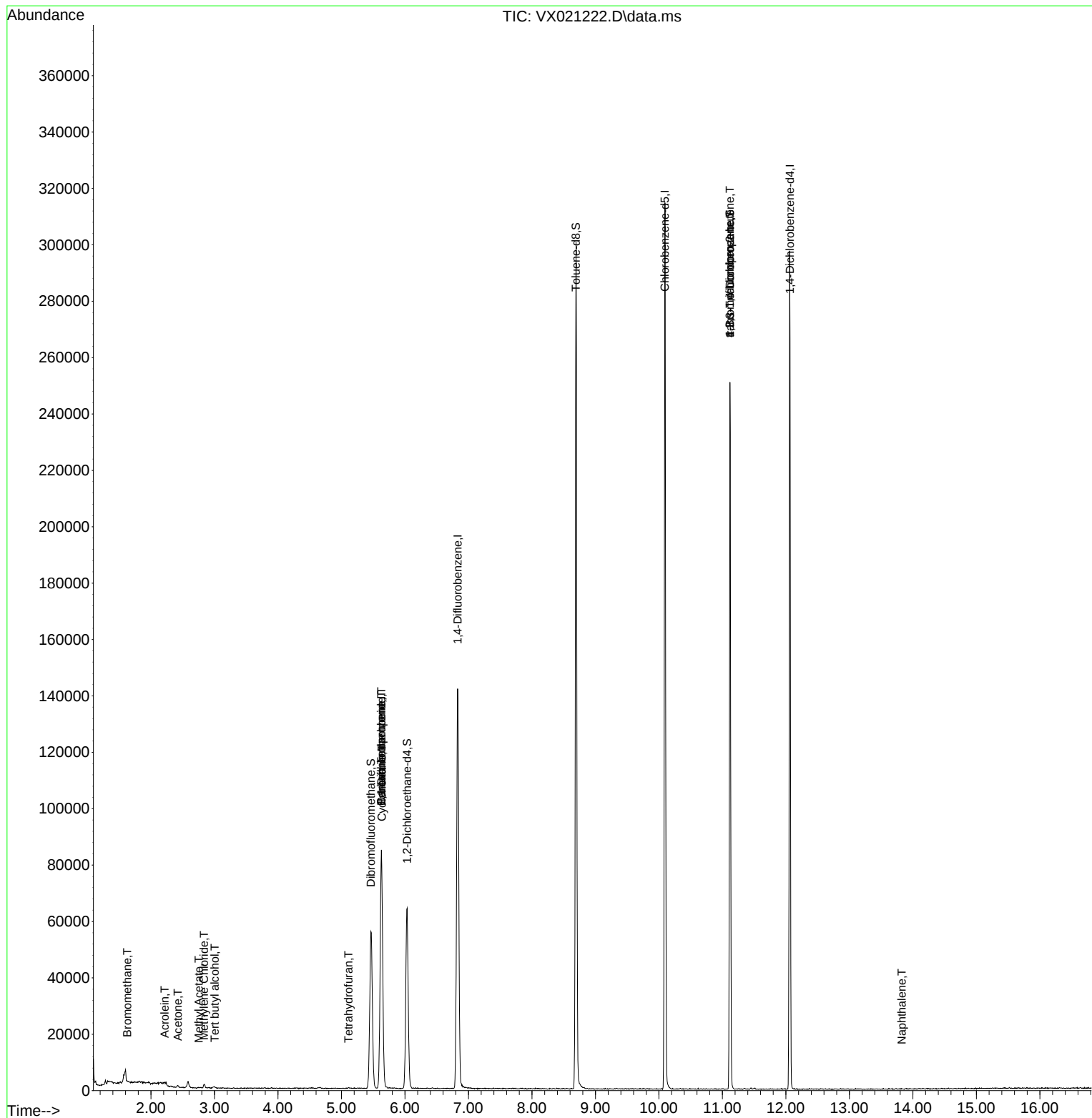
Internal Standards						
1) Pentafluorobenzene	5.629	168	71173	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	131674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	127353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	53082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	63254	52.12	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.24%	
35) Dibromofluoromethane	5.464	113	45865	50.63	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.26%	
50) Toluene-d8	8.694	98	167627	51.51	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.02%	
62) 4-Bromofluorobenzene	11.118	95	65481	52.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.60%	
Target Compounds						
						Qvalue
5) Bromomethane	1.628	94	125	0.24	ug/l	89
11) Tert butyl alcohol	3.005	59	384	1.82	ug/l #	73
13) Acrolein	2.217	56	61	0.47	ug/l #	14
16) Acetone	2.423	43	926	1.90	ug/l	88
18) Methyl Acetate	2.752	43	324	0.27	ug/l #	47
20) Methylene Chloride	2.834	84	440	0.48	ug/l	92
29) Tetrahydrofuran	5.111	42	162	0.36	ug/l #	27
31) Cyclohexane	5.635	56	2137	1.39	ug/l #	35
36) 1,1-Dichloropropene	5.629	75	6771	4.91	ug/l #	49
38) Carbon Tetrachloride	5.629	117	8032	5.30	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	37056	28.15	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	37056	79.91	ug/l #	12
95) Naphthalene	13.824	128	58	1.48	ug/l #	69

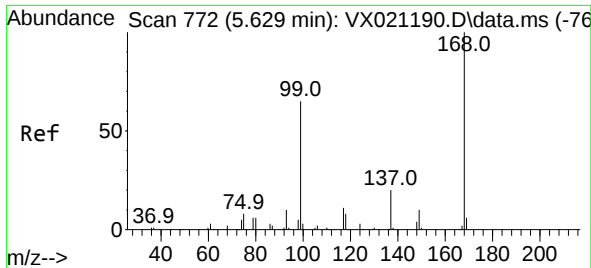
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021222.D
Acq On : 16 Mar 2021 00:44
Operator : JC/MD
Sample : M1645-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 16 04:41:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration

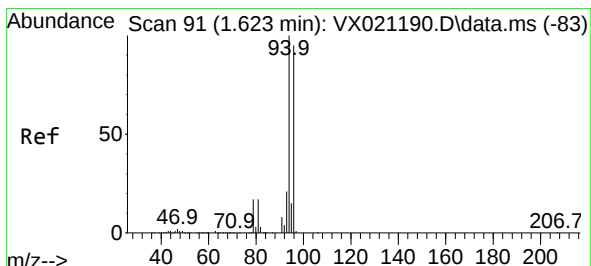
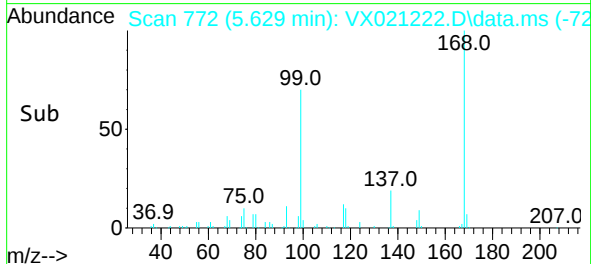
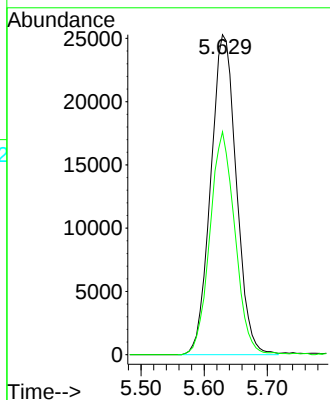
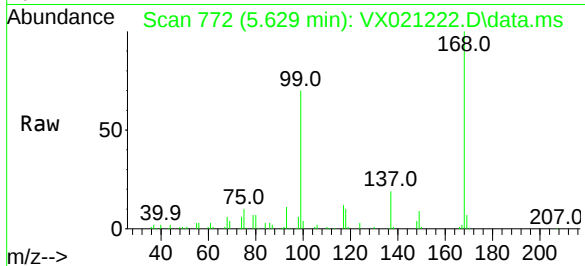




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

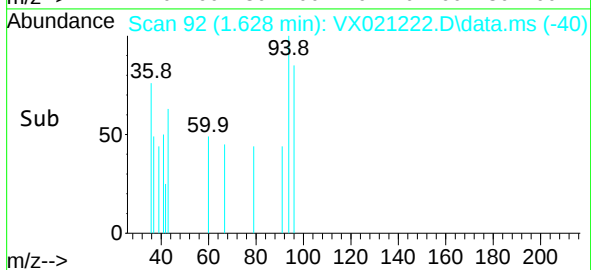
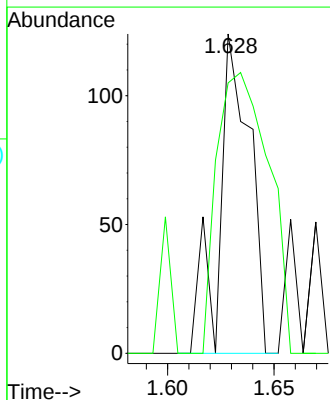
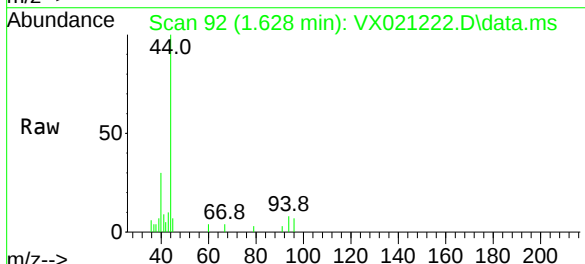
Instrument :
MSVOA_X
ClientSampleId :

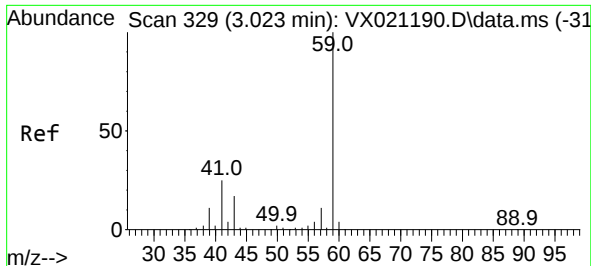
Tgt Ion:168 Resp: 71173
Ion Ratio Lower Upper
168 100
99 69.6 45.8 68.6#



#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

Tgt Ion: 94 Resp: 125
Ion Ratio Lower Upper
94 100
96 84.7 76.4 114.6

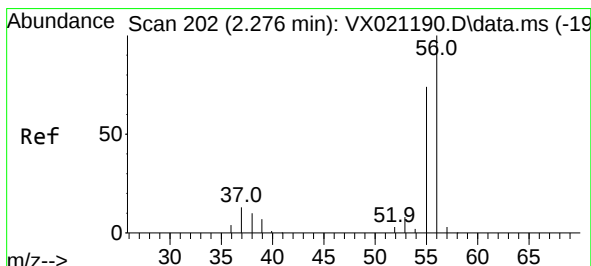
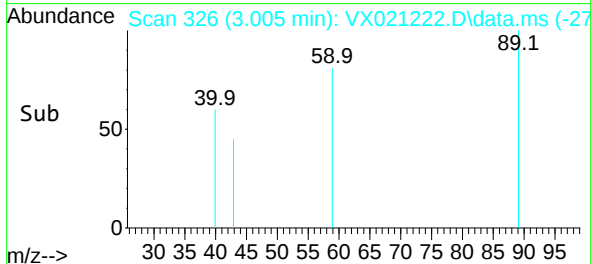
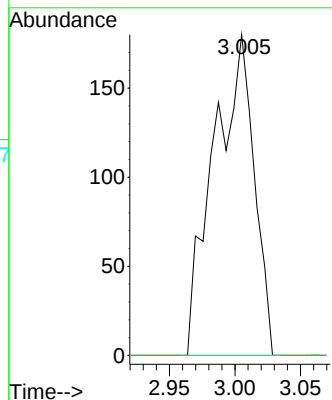
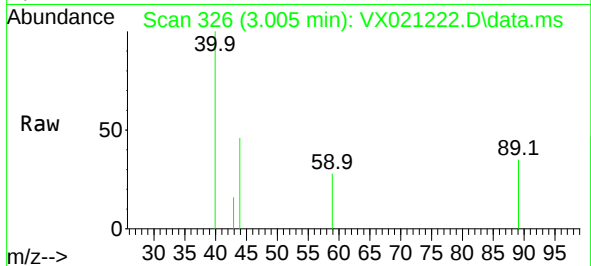




#11
Tert butyl alcohol
Concen: 1.82 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

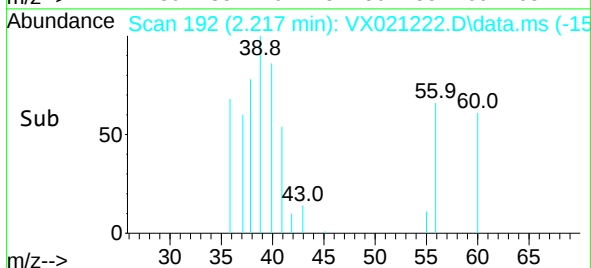
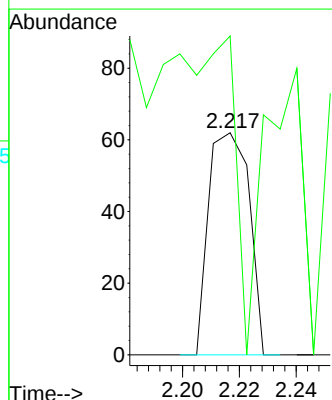
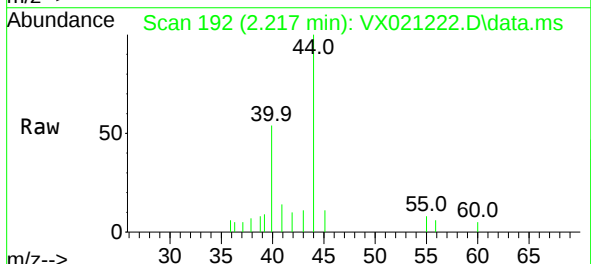
Instrument :
MSVOA_X
ClientSampled :

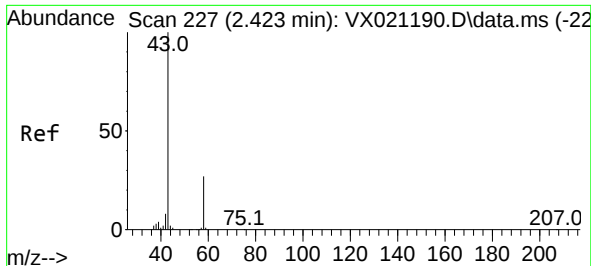
Tgt Ion: 59 Resp: 384
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.47 ug/l
RT: 2.217 min Scan# 192
Delta R.T. -0.059 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

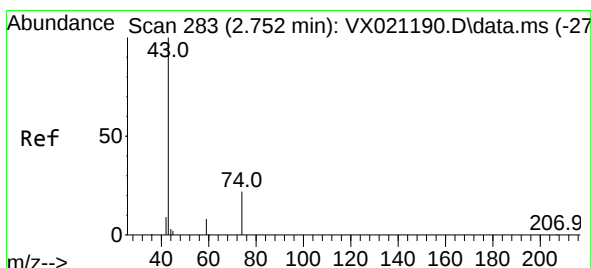
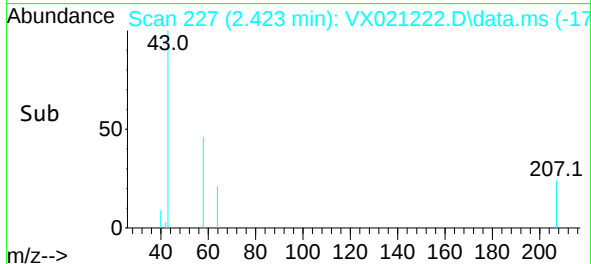
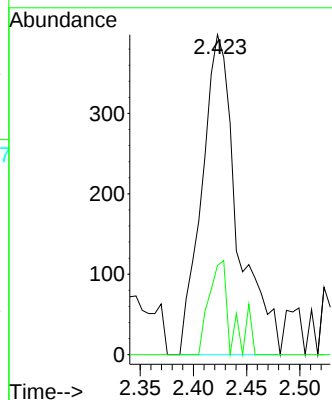
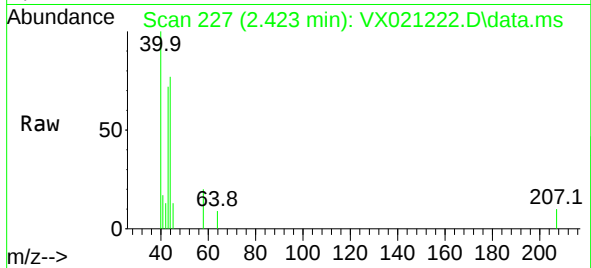




#16
Acetone
Concen: 1.90 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

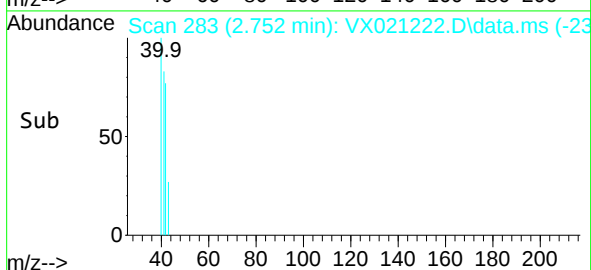
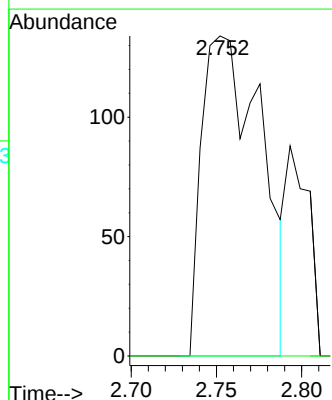
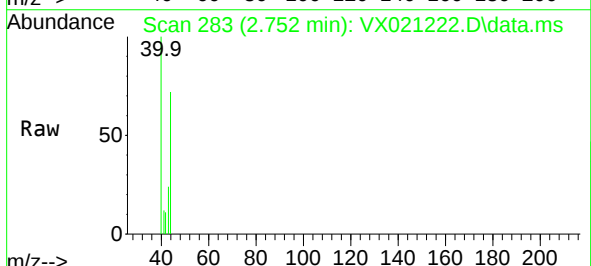
Instrument :
MSVOA_X
ClientSampled :

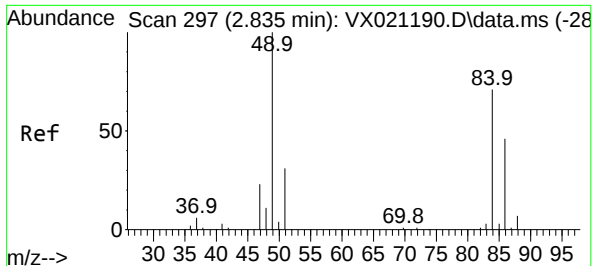
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 27.9 27.8 41.8



#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

Tgt Ion: 43 Resp: 324
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.48 ug/l

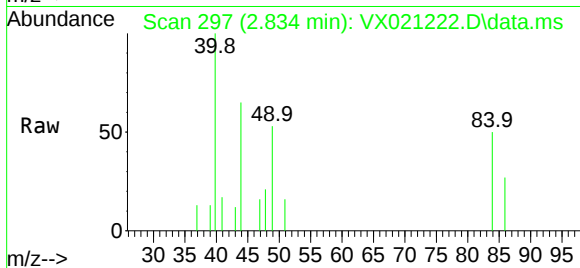
RT: 2.834 min Scan# 297

Delta R.T. -0.000 min

Lab File: VX021222.D

Acq: 16 Mar 2021 00:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 440

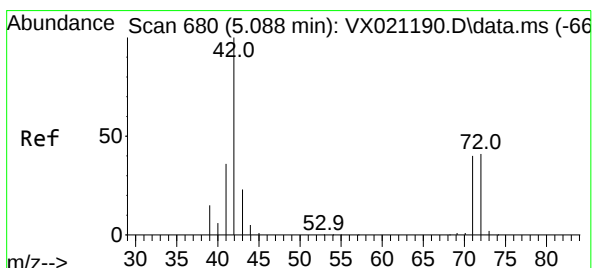
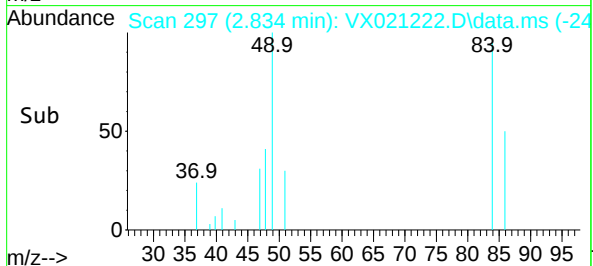
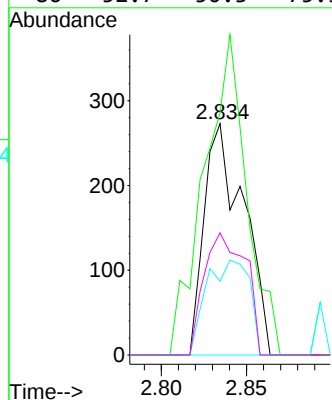
Ion Ratio Lower Upper

84 100

49 104.8 88.6 132.8

51 31.9 27.0 40.6

86 52.7 50.3 75.5



#29

Tetrahydrofuran

Concen: 0.36 ug/l

RT: 5.111 min Scan# 684

Delta R.T. 0.023 min

Lab File: VX021222.D

Acq: 16 Mar 2021 00:44

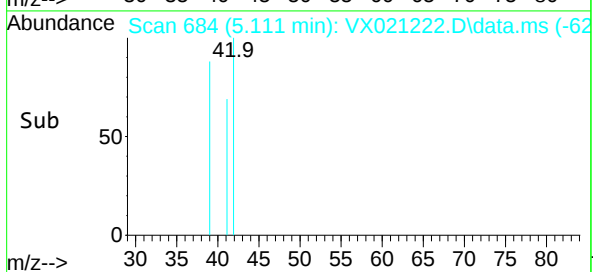
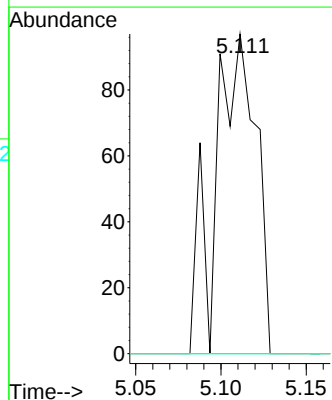
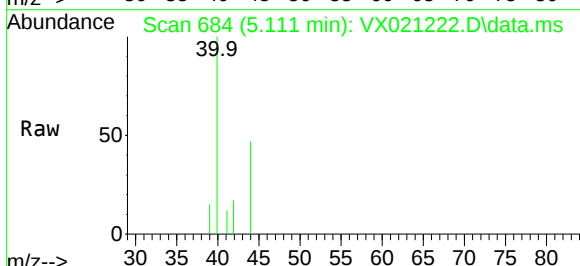
Tgt Ion: 42 Resp: 162

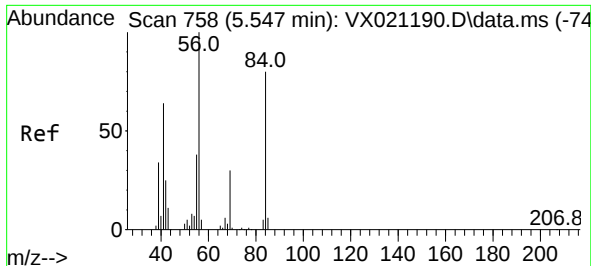
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

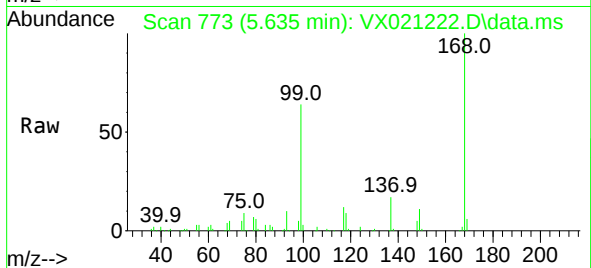
71 0.0 38.4 57.6#



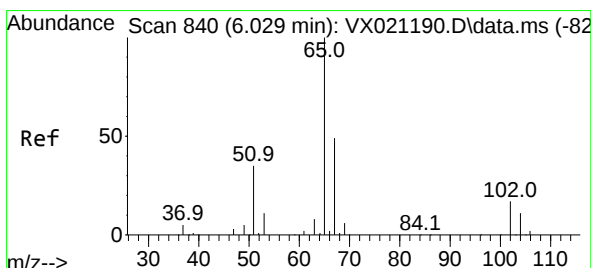
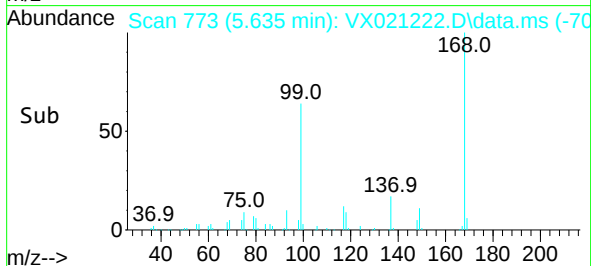
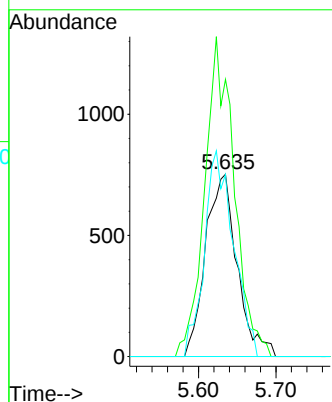


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

Instrument :
MSVOA_X
ClientSampleId :

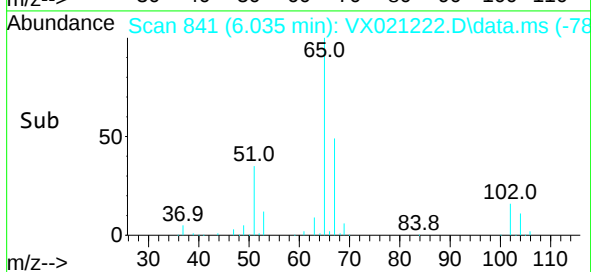
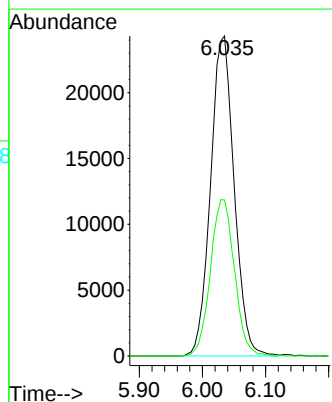
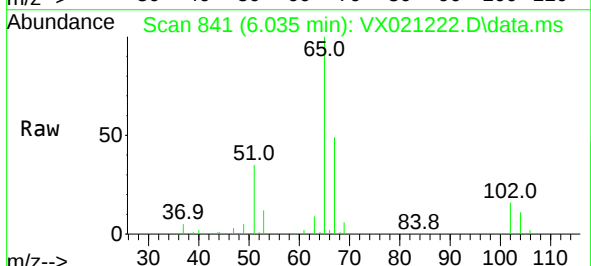


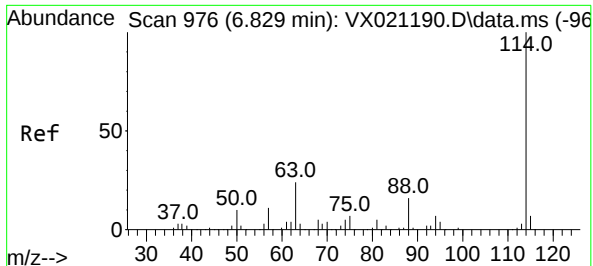
Tgt Ion: 56 Resp: 2137
Ion Ratio Lower Upper
56 100
69 152.1 25.3 37.9#
84 99.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.12 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

Tgt Ion: 65 Resp: 63254
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

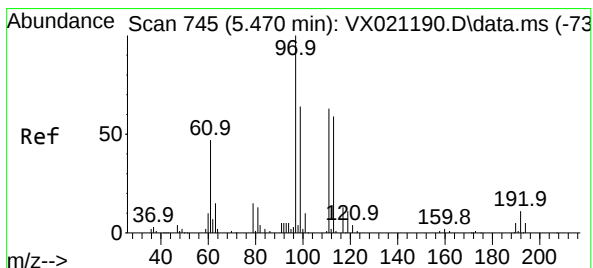
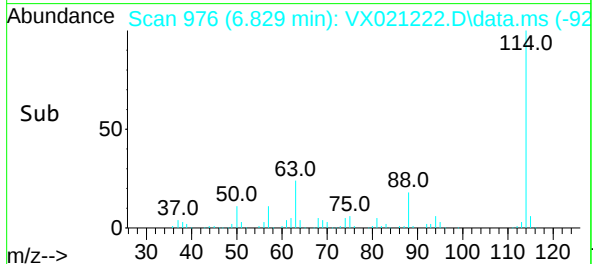
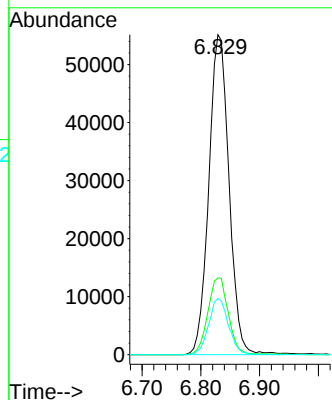
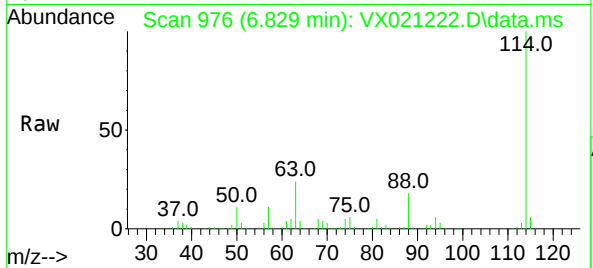




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

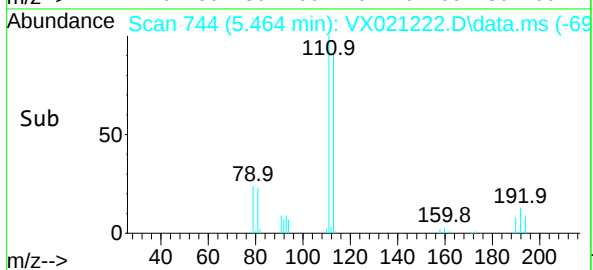
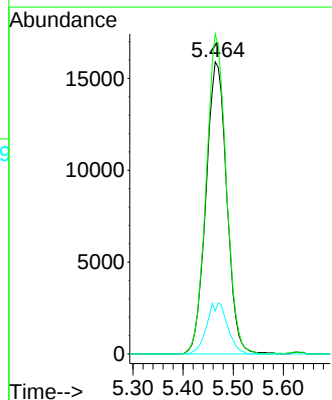
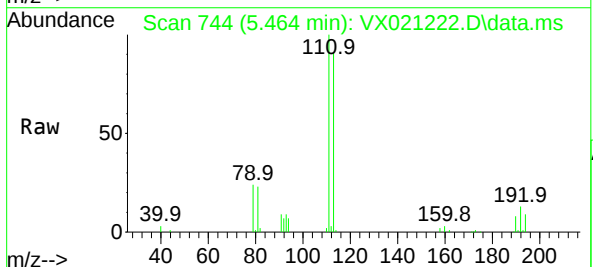
Instrument :
MSVOA_X
ClientSampled :

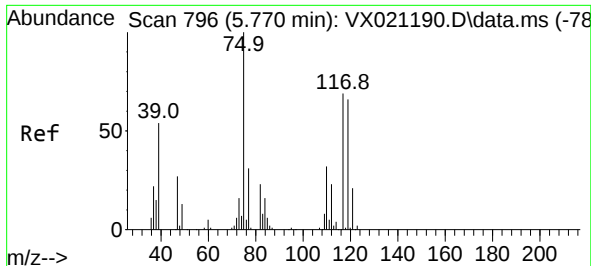
Tgt Ion:114 Resp: 131674
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.8
88 17.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.63 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

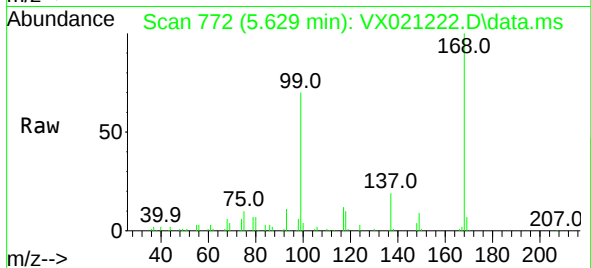
Tgt Ion:113 Resp: 45865
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 17.5 16.7 25.1



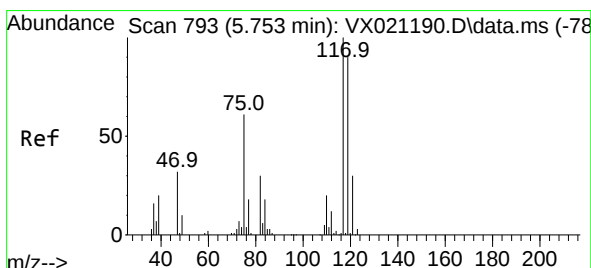
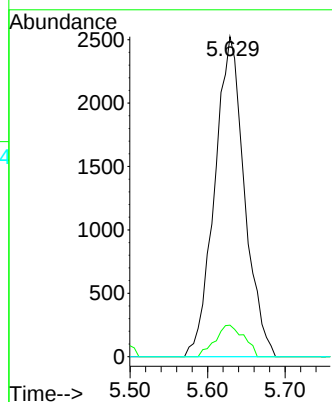
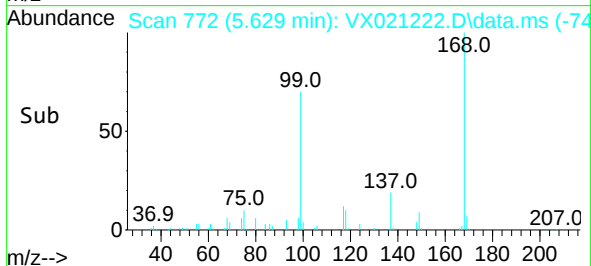


#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

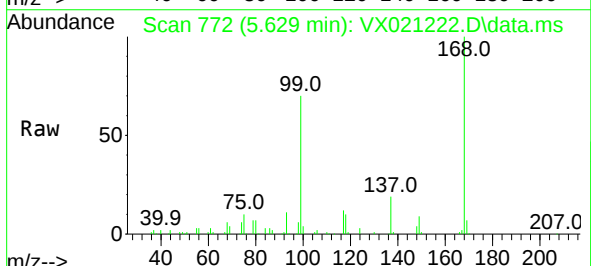
Instrument :
MSVOA_X
ClientSampleId :



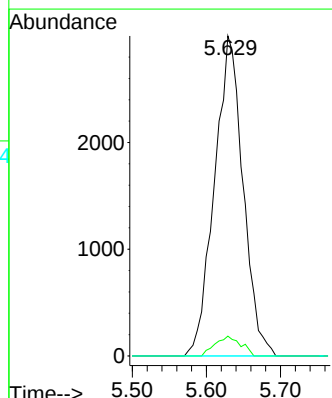
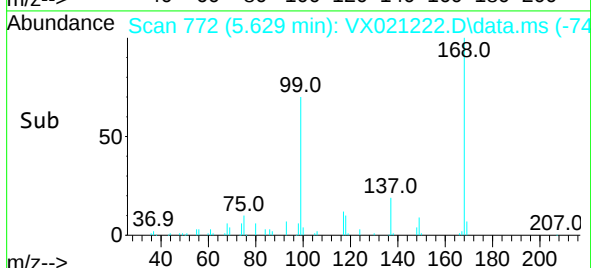
Tgt Ion: 75 Resp: 6771
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#

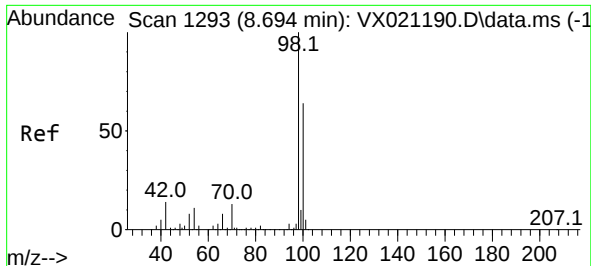


#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44



Tgt Ion: 117 Resp: 8032
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

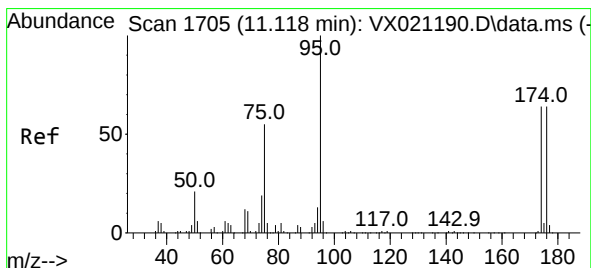
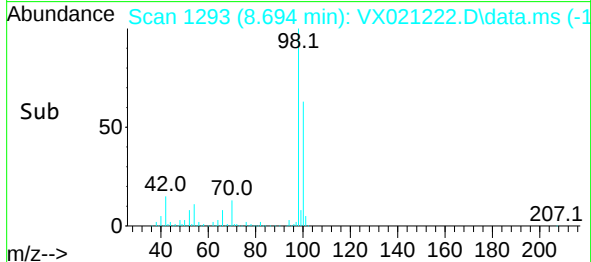
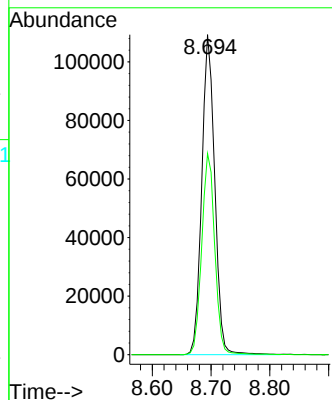
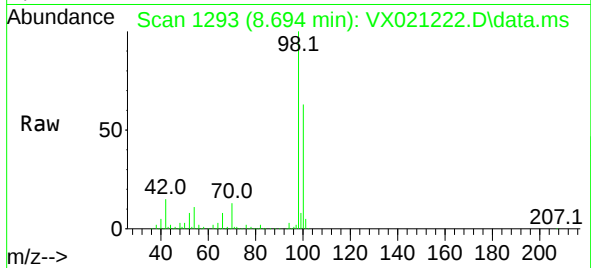




#50
Toluene-d8
Concen: 51.51 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

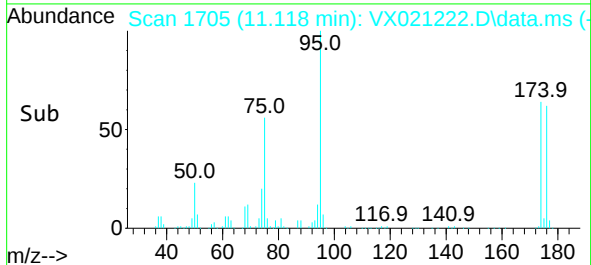
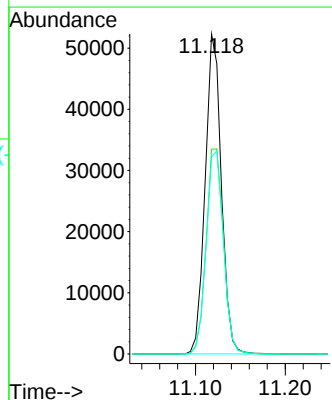
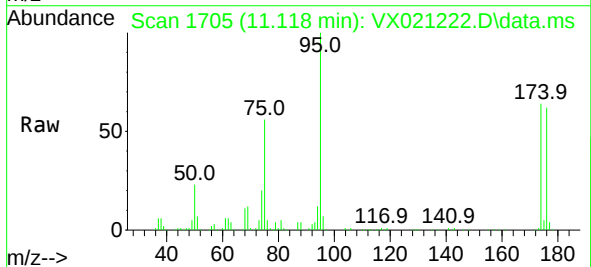
Instrument :
MSVOA_X
ClientSampled :

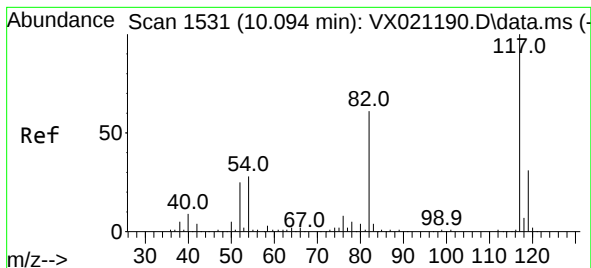
Tgt Ion: 98 Resp: 167627
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.80 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

Tgt Ion: 95 Resp: 65481
Ion Ratio Lower Upper
95 100
174 69.0 0.0 154.6
176 67.3 0.0 155.8

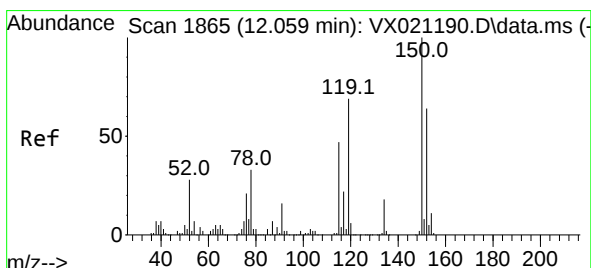
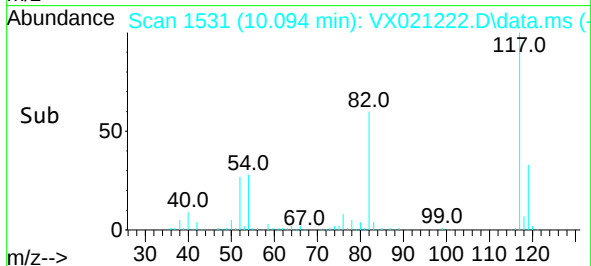
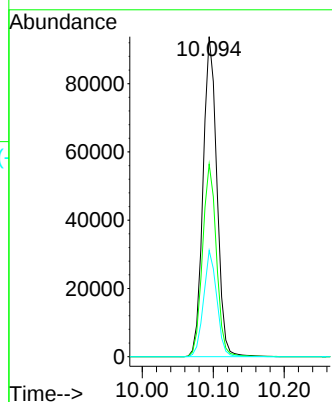
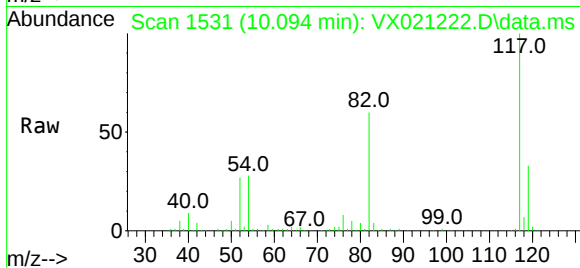




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

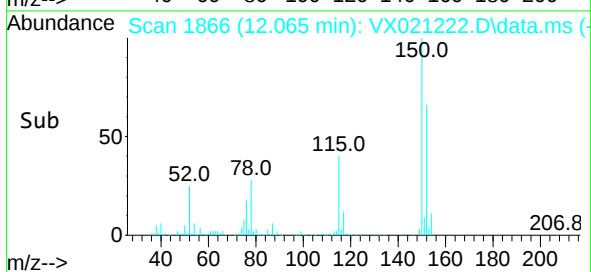
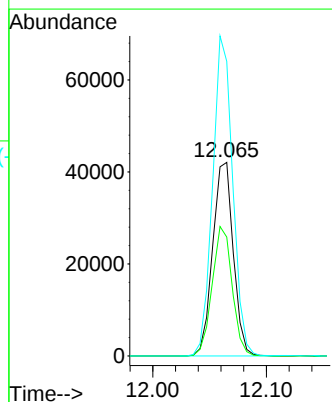
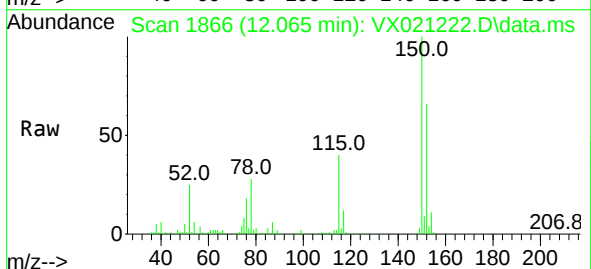
Instrument :
MSVOA_X
ClientSampled :

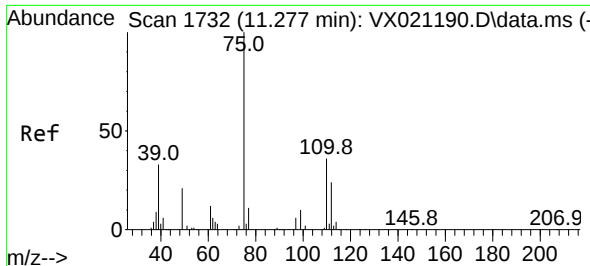
Tgt Ion:117 Resp: 127353
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 33.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

Tgt Ion:152 Resp: 53082
Ion Ratio Lower Upper
152 100
115 64.9 41.1 123.3
150 160.7 0.0 349.0

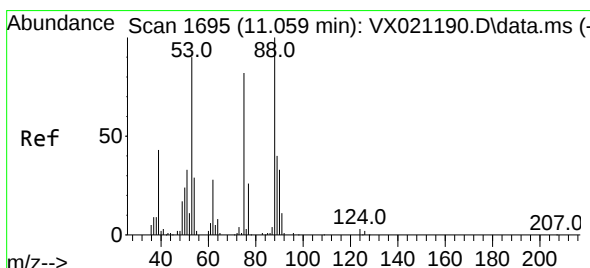
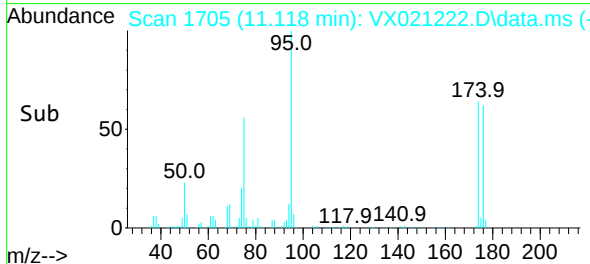
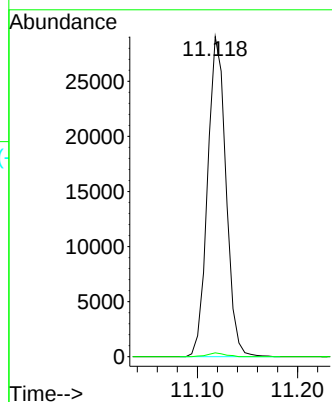
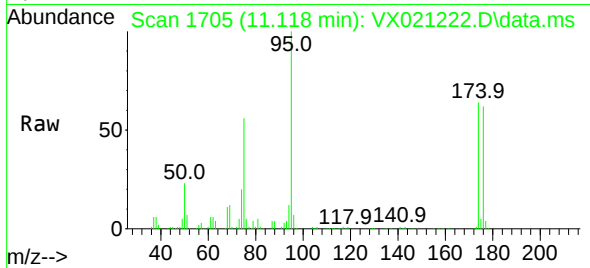




#76
1,2,3-Trichloropropane
Concen: 28.15 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

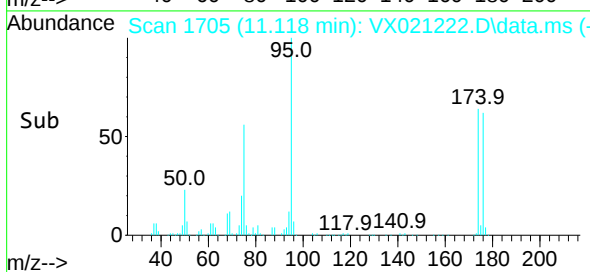
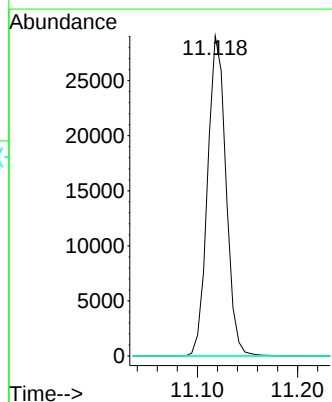
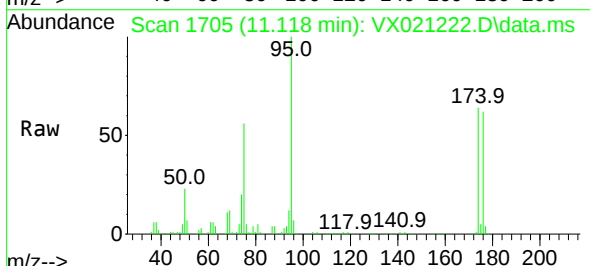
Instrument :
MSVOA_X
ClientSampled :

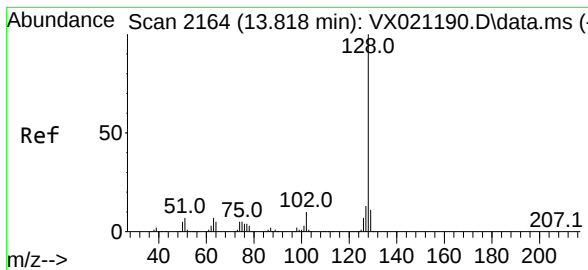
Tgt Ion: 75 Resp: 37056
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.91 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

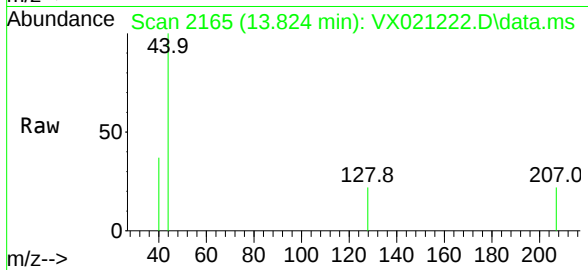
Tgt Ion: 75 Resp: 37056
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.48 ug/l
RT: 13.824 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VX021222.D
Acq: 16 Mar 2021 00:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 58
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

