

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
 Data File : VX021132.D
 Acq On : 10 Mar 2021 13:31
 Operator : JC/MD
 Sample : M1596-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20210305

Quant Time: Mar 11 02:11:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

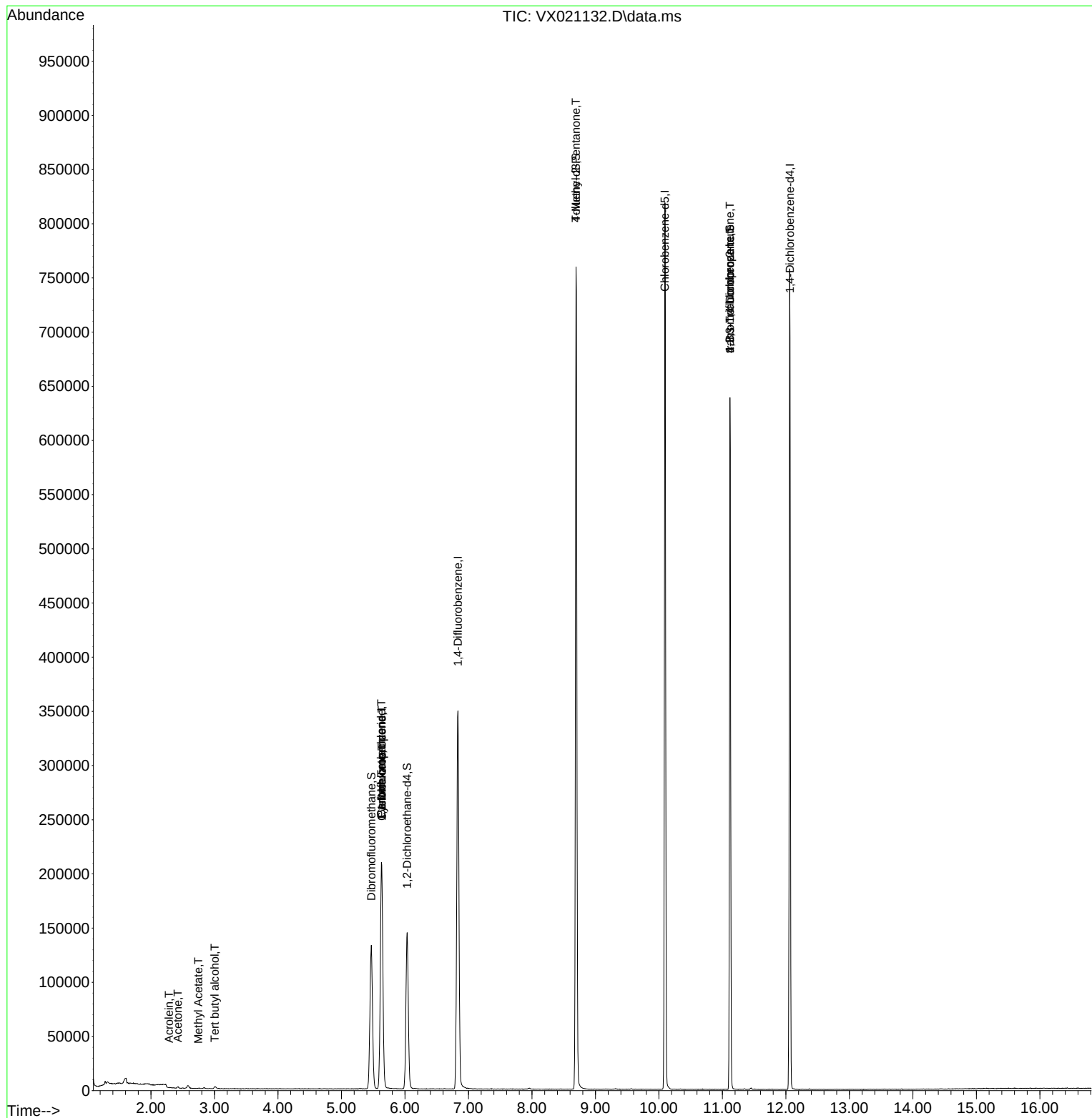
Internal Standards						
1) Pentafluorobenzene	5.629	168	205496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	376246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	372275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	160536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	134726	48.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.08%		
35) Dibromofluoromethane	5.470	113	117008	51.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.36%		
50) Toluene-d8	8.694	98	468972	52.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.22%		
62) 4-Bromofluorobenzene	11.118	95	175454	53.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.48%		
Target Compounds						
5) Bromomethane	1.634	94	393	Below Cal	#	77
11) Tert butyl alcohol	3.005	59	2175	3.52 ug/l	#	73
13) Acrolein	2.282	56	78	0.20 ug/l	#	49
16) Acetone	2.423	43	1478	1.29 ug/l	#	84
18) Methyl Acetate	2.746	43	831	0.31 ug/l	#	70
31) Cyclohexane	5.635	56	3948	0.98 ug/l	#	1
36) 1,1-Dichloropropene	5.635	75	15360	4.29 ug/l	#	48
38) Carbon Tetrachloride	5.629	117	19037	5.49 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.694	43	2059	0.61 ug/l	#	1
76) 1,2,3-Trichloropropane	11.118	75	84951	24.60 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	84951	54.46 ug/l	#	12

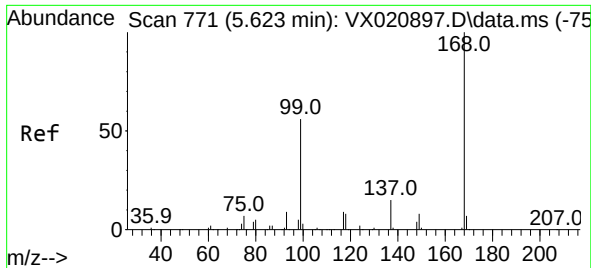
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Mar 11 02:11:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
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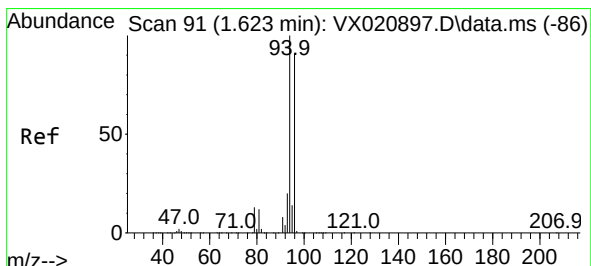
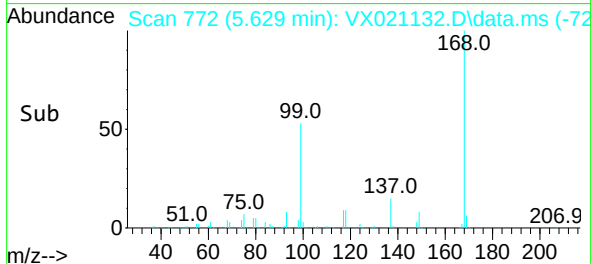
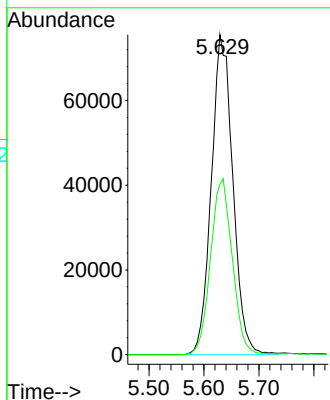
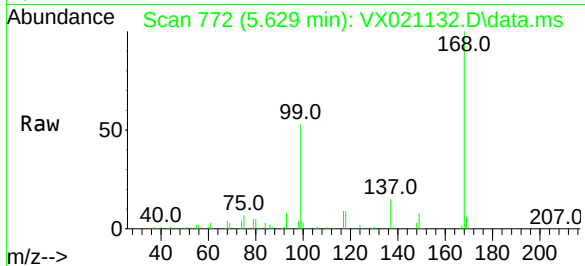




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

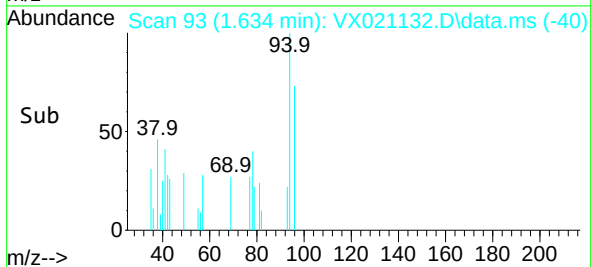
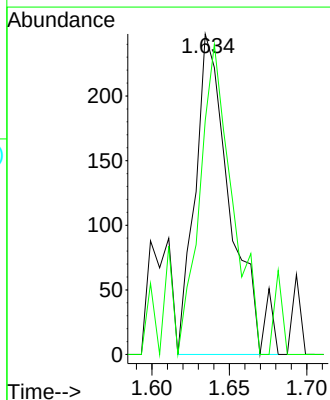
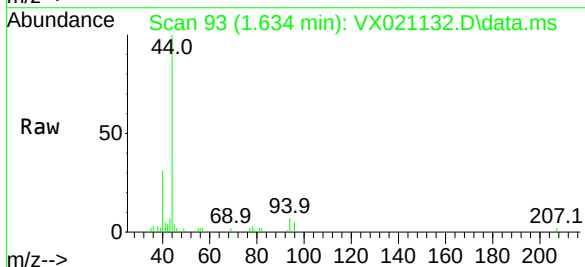
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210305

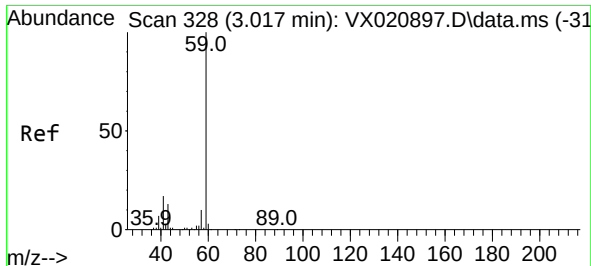
Tgt Ion:168 Resp: 205496
Ion Ratio Lower Upper
168 100
99 53.3 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

Tgt Ion: 94 Resp: 393
Ion Ratio Lower Upper
94 100
96 73.0 76.4 114.6#

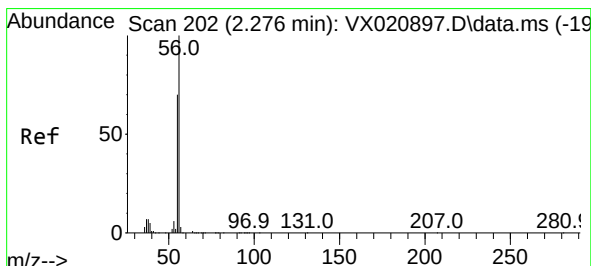
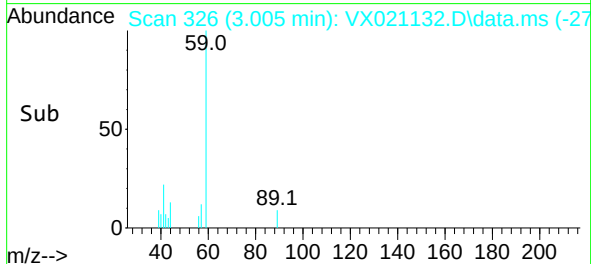
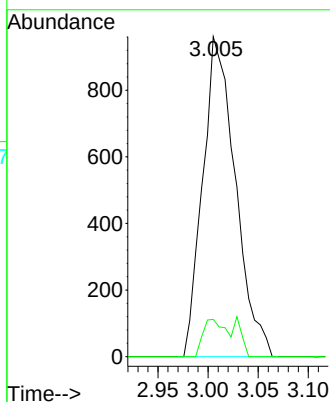
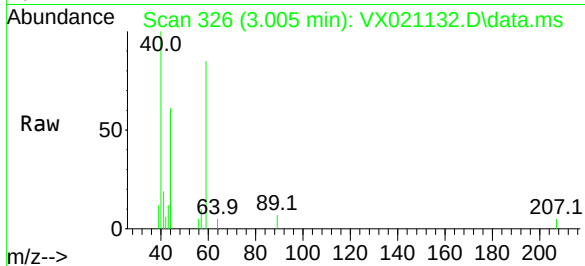




#11
Tert butyl alcohol
Concen: 3.52 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

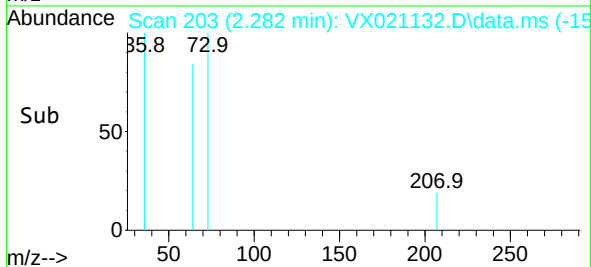
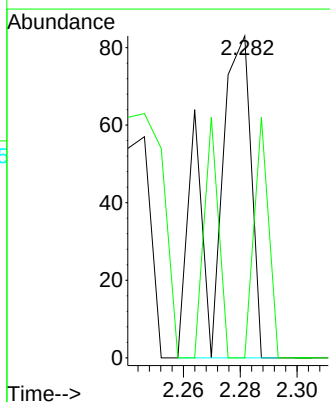
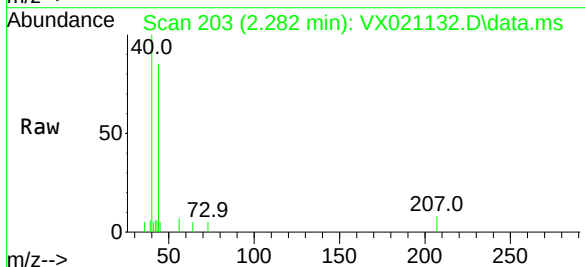
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210305

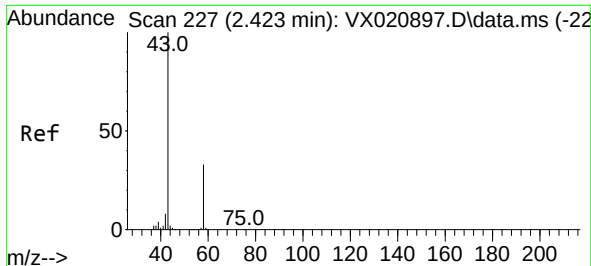
Tgt Ion: 59 Resp: 2175
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.20 ug/l
RT: 2.282 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 28.2 56.4 84.6#

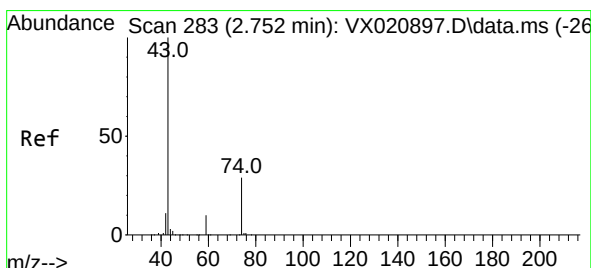
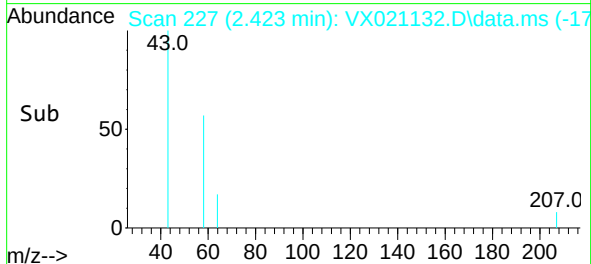
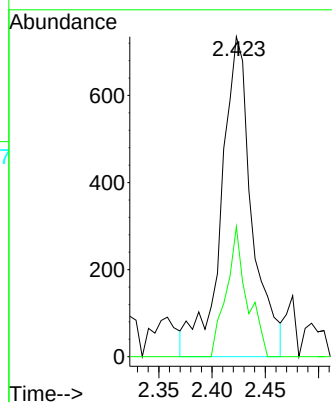
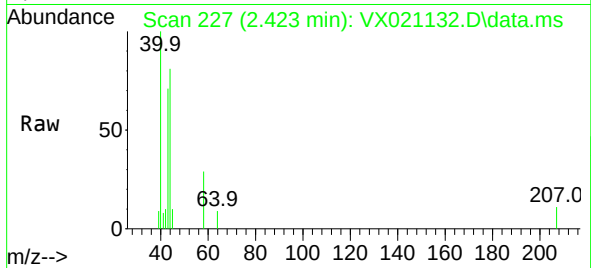




#16
Acetone
Concen: 1.29 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

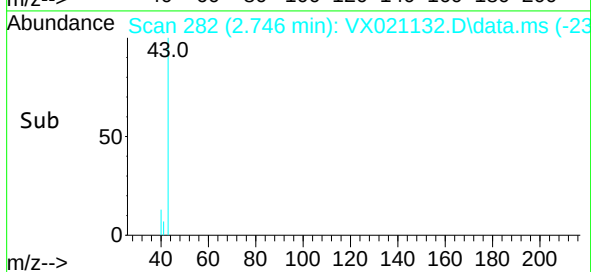
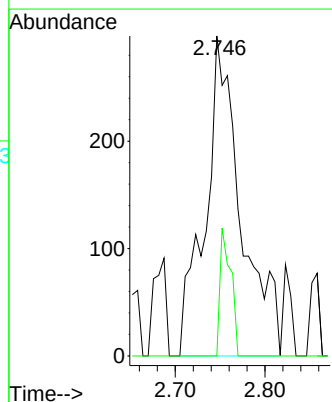
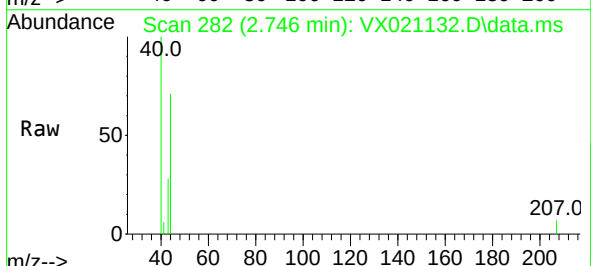
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210305

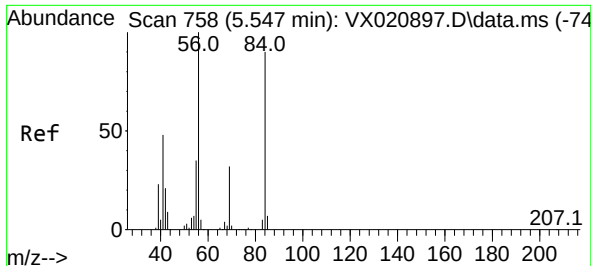
Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
58 44.2 27.8 41.8#



#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

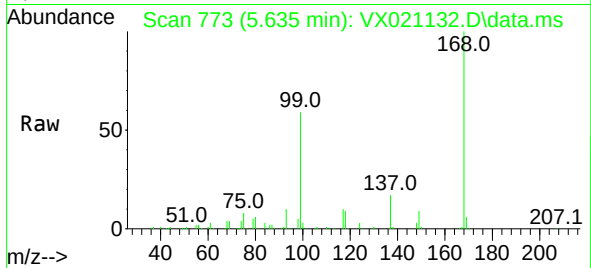
Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
74 11.9 21.9 32.9#



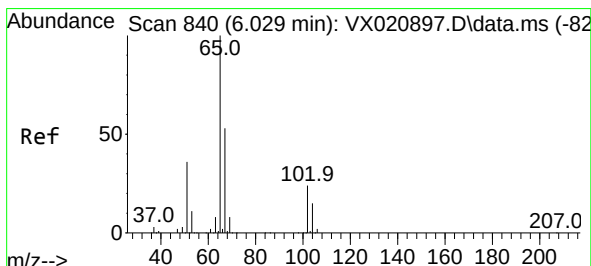
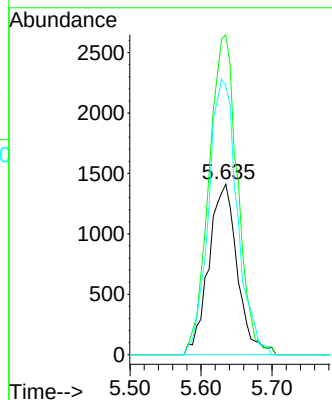
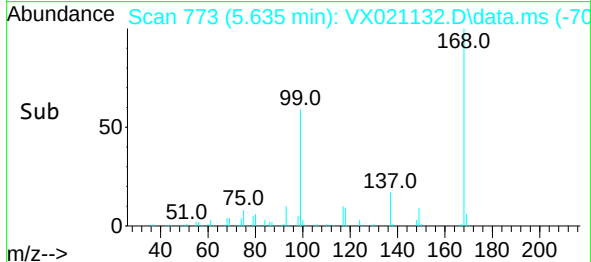


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

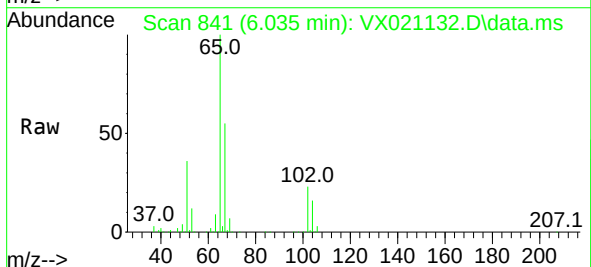
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210305



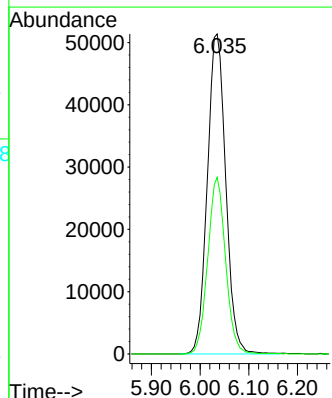
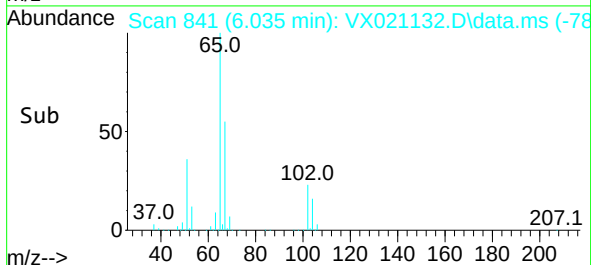
Tgt Ion: 56 Resp: 3948
Ion Ratio Lower Upper
56 100
69 187.8 25.3 37.9#
84 157.9 71.4 107.0#

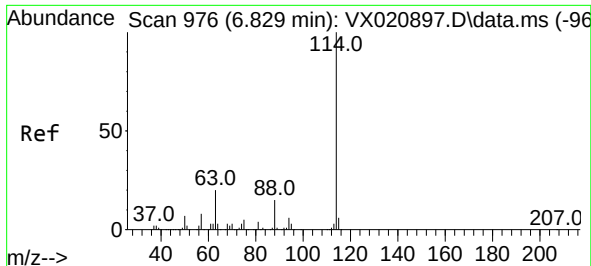


#33
1,2-Dichloroethane-d4
Concen: 48.54 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31



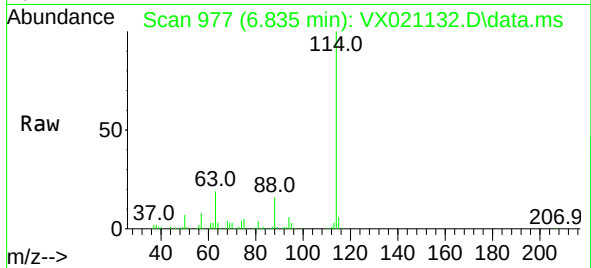
Tgt Ion: 65 Resp: 134726
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



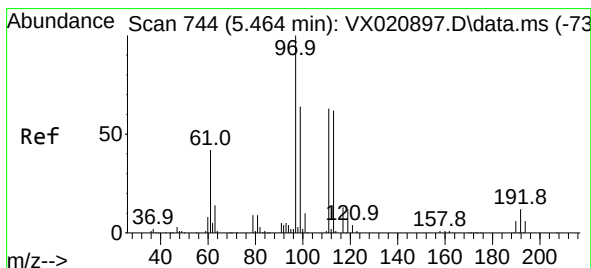
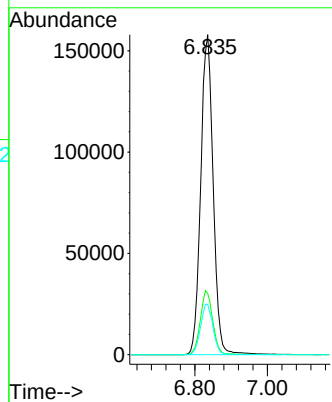
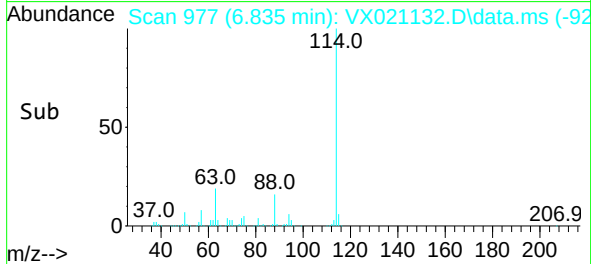


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

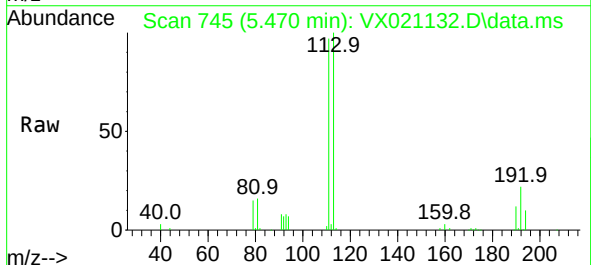
Instrument :
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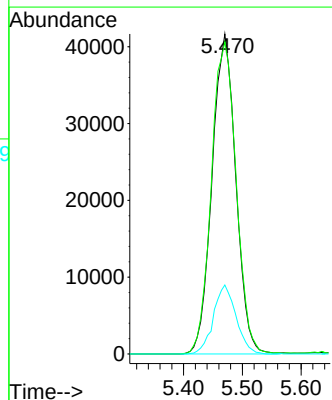
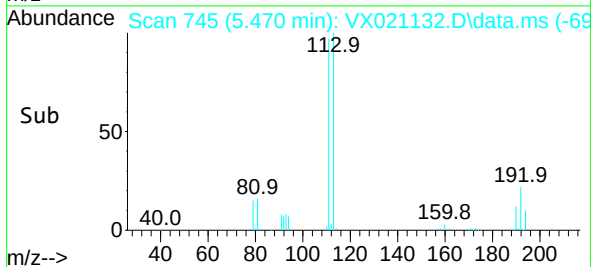
Tgt Ion:114 Resp: 376246
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.8
88 15.7 0.0 32.8

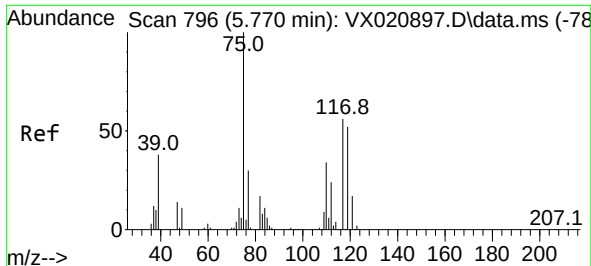


#35
Dibromofluoromethane
Concen: 51.18 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31



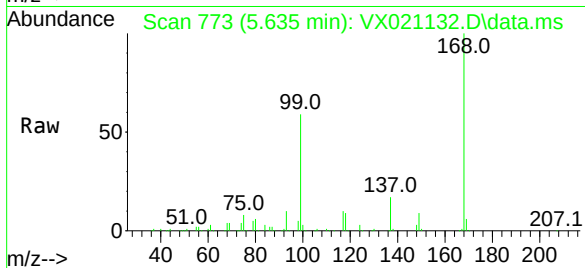
Tgt Ion:113 Resp: 117008
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 20.5 16.7 25.1



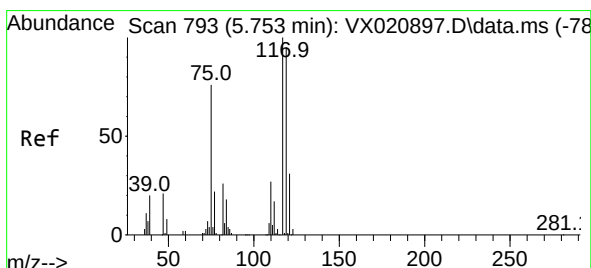
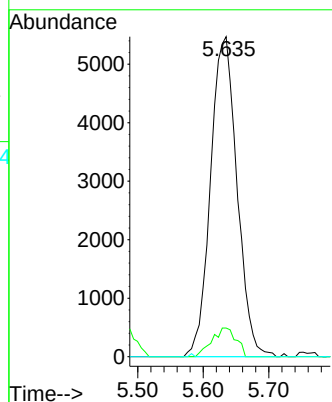
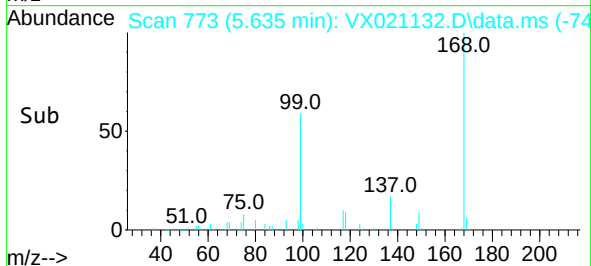


#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.135 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

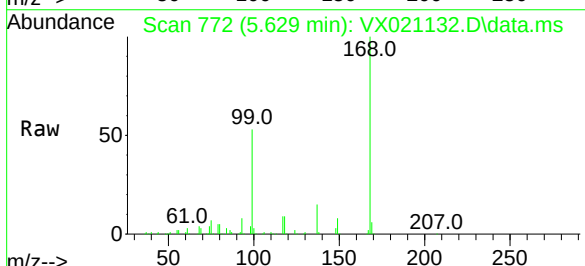
Instrument :
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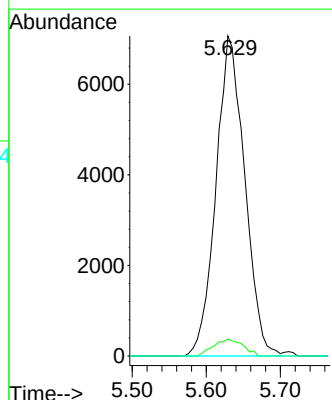
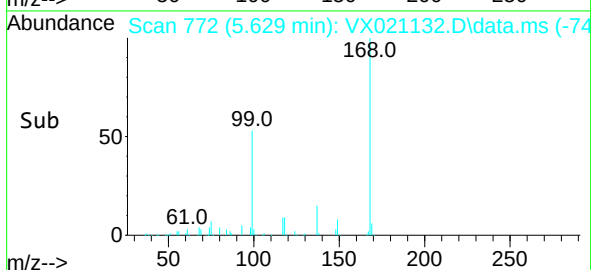
Tgt Ion: 75 Resp: 15360
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#

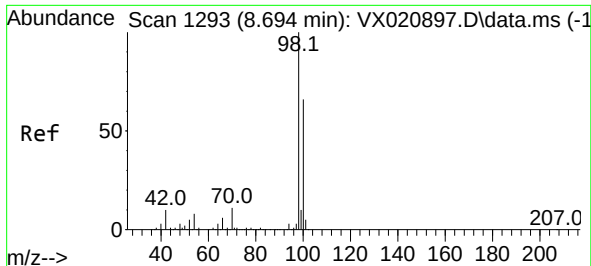


#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31



Tgt Ion: 117 Resp: 19037
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

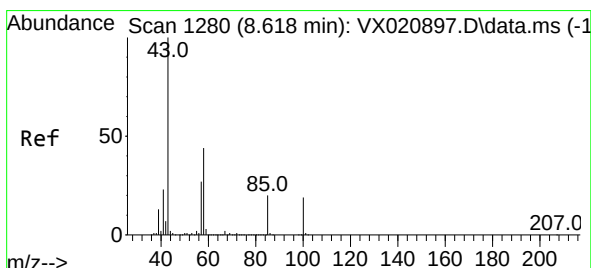
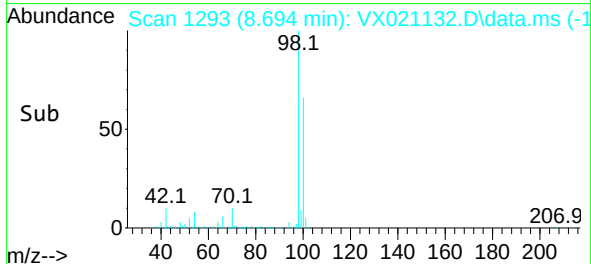
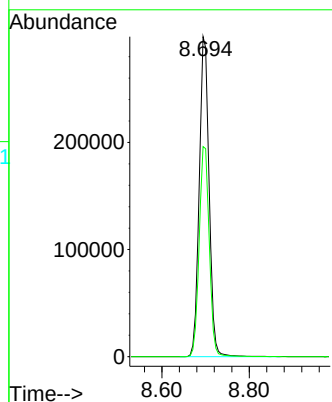
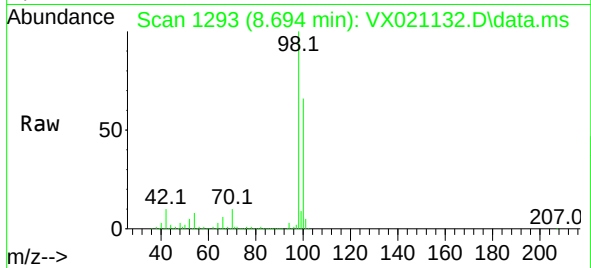




#50
Toluene-d8
Concen: 52.61 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

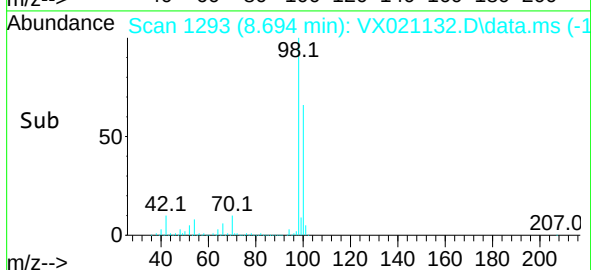
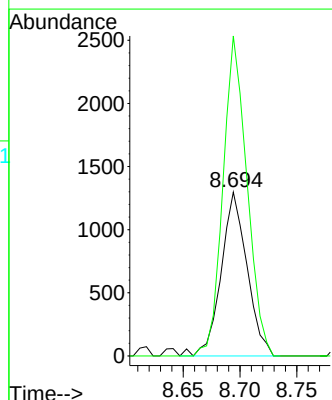
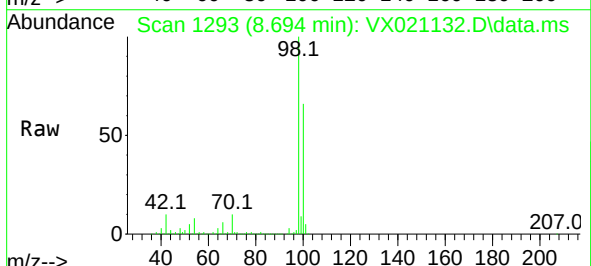
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210305

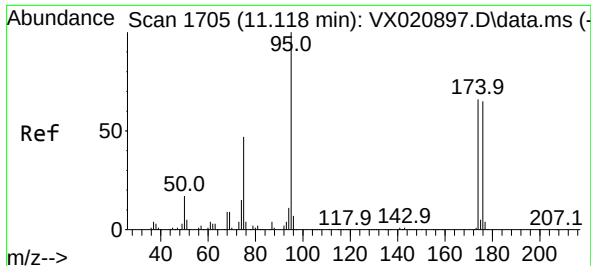
Tgt Ion: 98 Resp: 468972
Ion Ratio Lower Upper
98 100
100 67.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

Tgt Ion: 43 Resp: 2059
Ion Ratio Lower Upper
43 100
58 180.9 35.4 53.0#

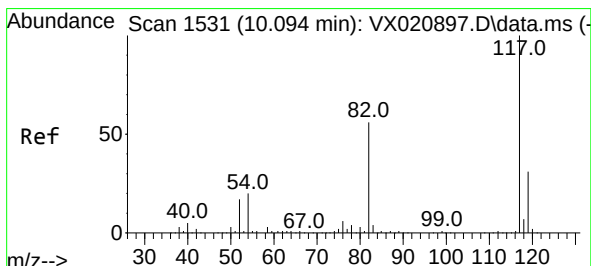
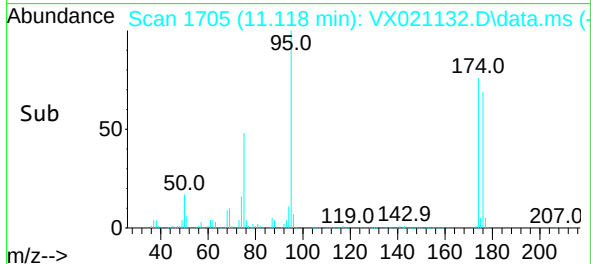
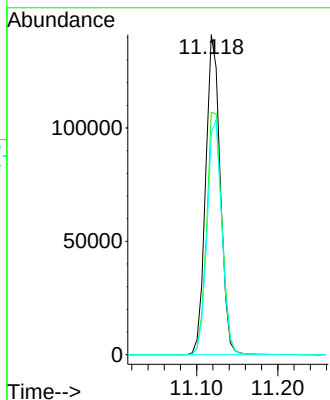
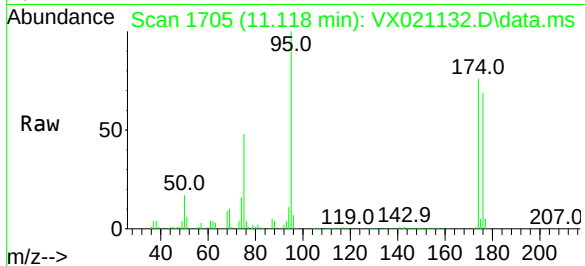




#62
4-Bromofluorobenzene
Concen: 53.24 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

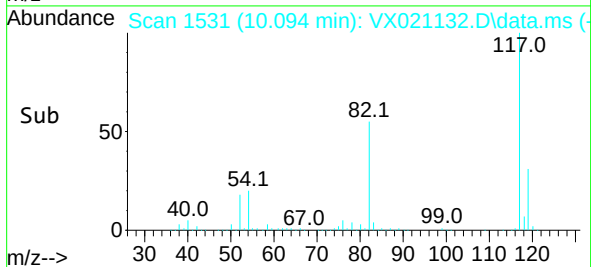
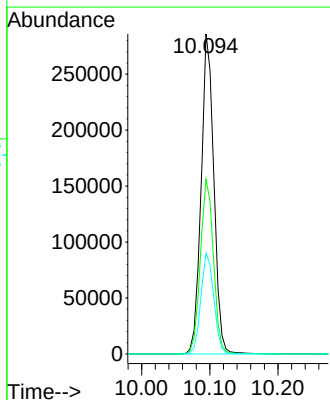
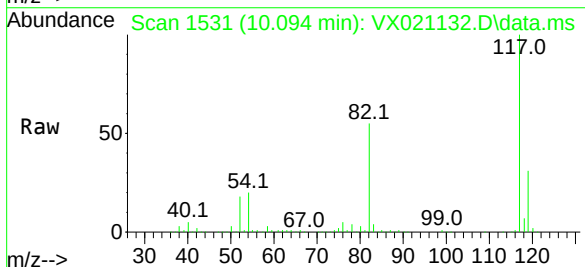
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210305

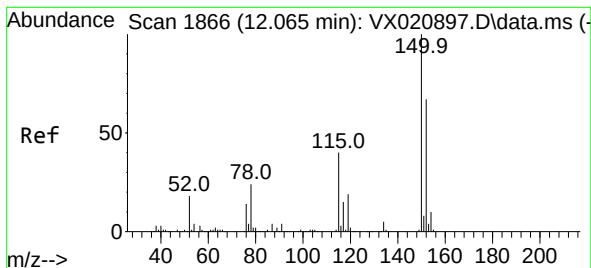
Tgt Ion: 95 Resp: 175454
Ion Ratio Lower Upper
95 100
174 79.7 0.0 154.6
176 74.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

Tgt Ion: 117 Resp: 372275
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 31.5 26.6 39.8

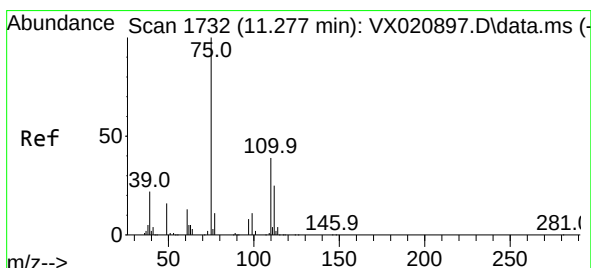
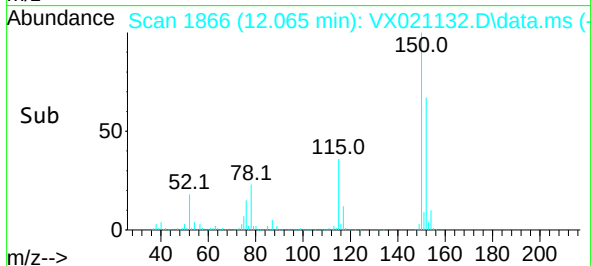
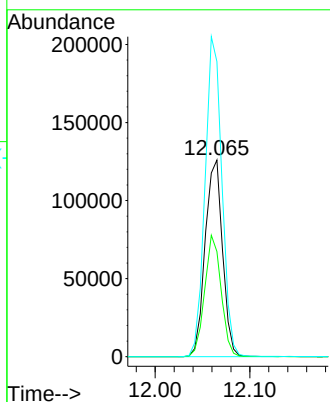
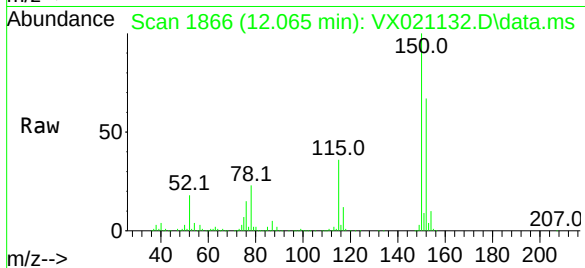




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

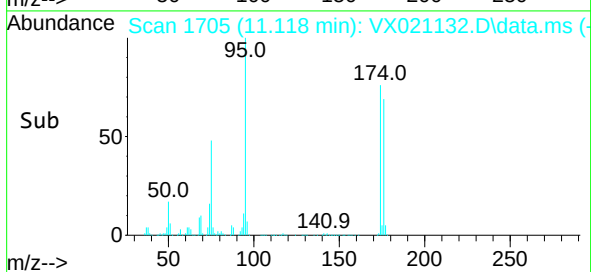
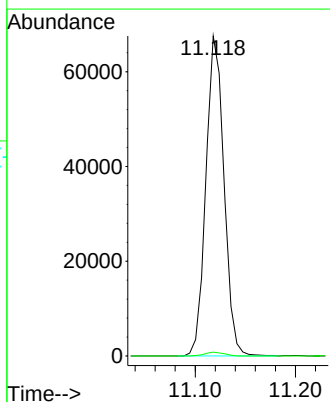
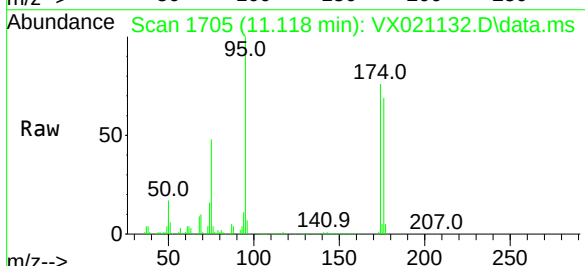
Instrument :
MSVOA_X
ClientSampleId :
FB01-20210305

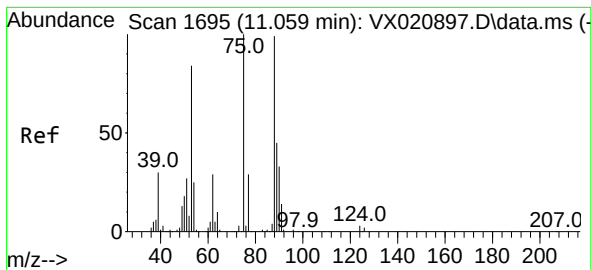
Tgt Ion:152 Resp: 160536
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 158.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.60 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021132.D
Acq: 10 Mar 2021 13:31

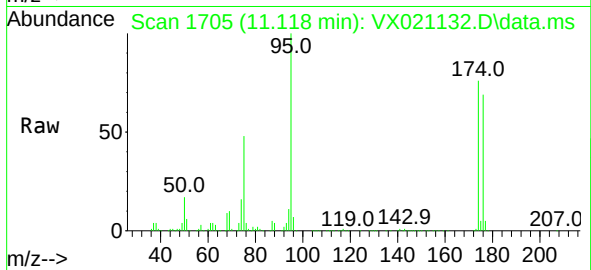
Tgt Ion: 75 Resp: 84951
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.46 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021132.D
 Acq: 10 Mar 2021 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20210305



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

