

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021107.D
 Acq On : 09 Mar 2021 14:48
 Operator : JC/MD
 Sample : M1611-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:31:03 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)

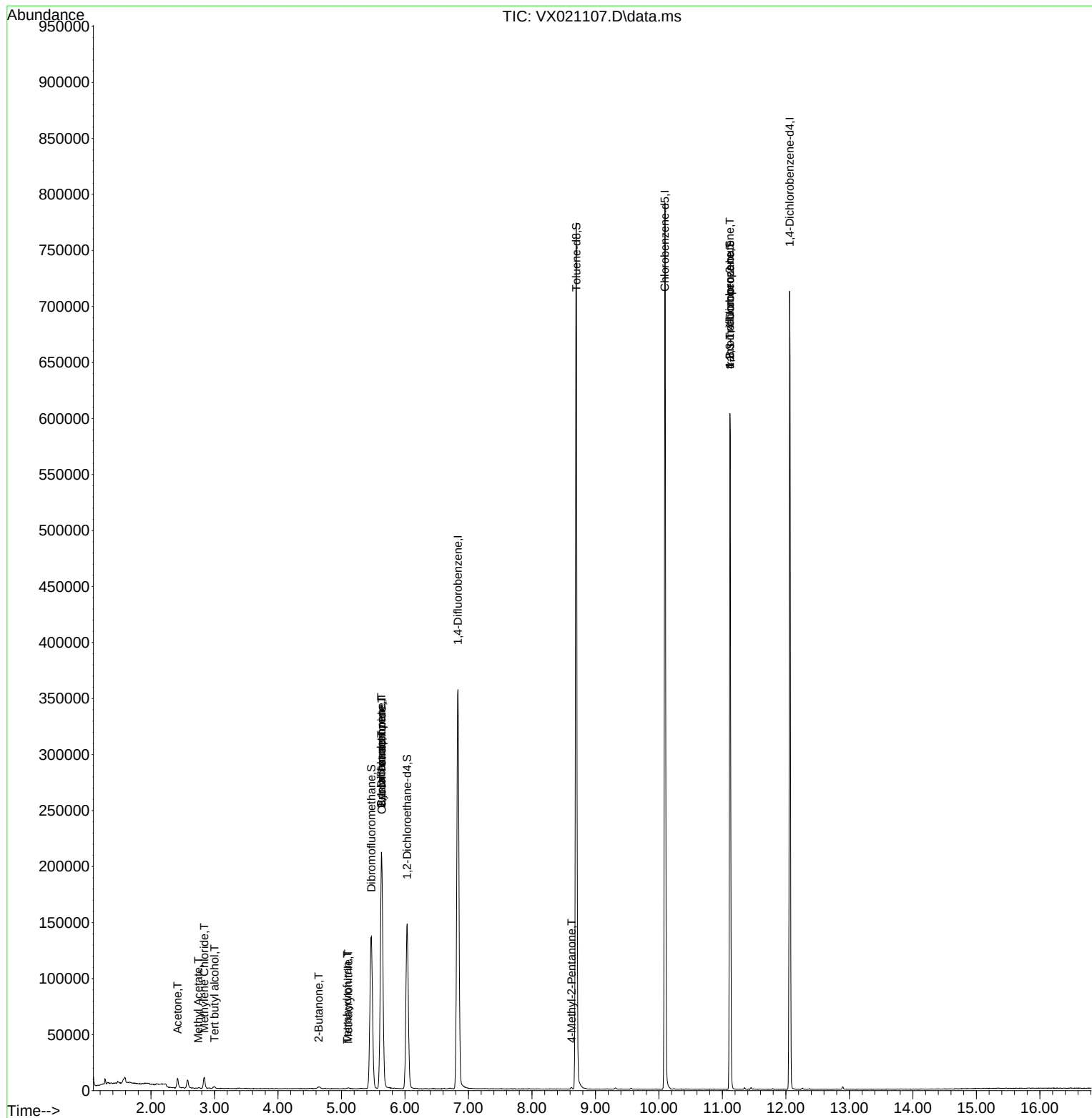
Internal Standards						
1) Pentafluorobenzene	5.629	168	200412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	390401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	369072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	156311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	139662	51.59	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.18%	
35) Dibromofluoromethane	5.470	113	121817	51.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.72%	
50) Toluene-d8	8.700	98	485013	52.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.88%	
62) 4-Bromofluorobenzene	11.118	95	171490	50.15	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.30%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	445	Below Cal		95
11) Tert butyl alcohol	2.999	59	1119	1.86 ug/l	#	73
16) Acetone	2.417	43	8809	7.90 ug/l		96
18) Methyl Acetate	2.746	43	798	0.30 ug/l	#	57
20) Methylene Chloride	2.840	84	4689	1.75 ug/l		97
25) 2-Butanone	4.641	43	1658	0.98 ug/l		91
29) Tetrahydrofuran	5.094	42	611	0.56 ug/l	#	56
31) Cyclohexane	5.629	56	4072	1.04 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	15917	4.29 ug/l	#	48
38) Carbon Tetrachloride	5.635	117	20046	5.58 ug/l	#	16
41) Methacrylonitrile	5.105	41	403	0.20 ug/l	#	36
51) 4-Methyl-2-Pentanone	8.623	43	959	0.27 ug/l		88
76) 1,2,3-Trichloropropane	11.118	75	81586	24.26 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	81586	53.72 ug/l	#	12

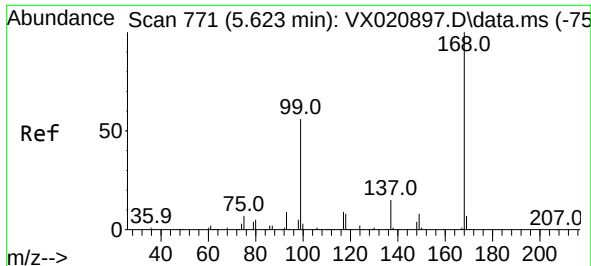
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
Data File : VX021107.D
Acq On : 09 Mar 2021 14:48
Operator : JC/MD
Sample : M1611-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 10 00:31:03 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

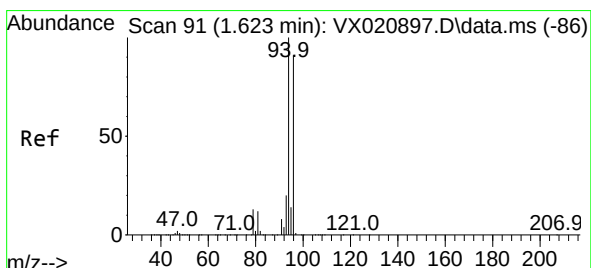
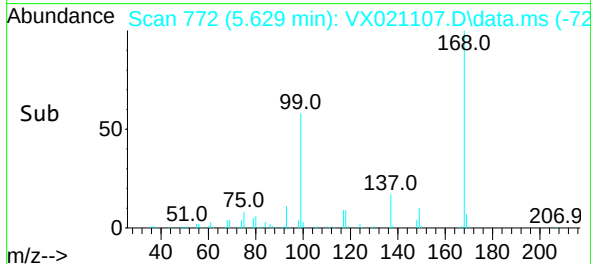
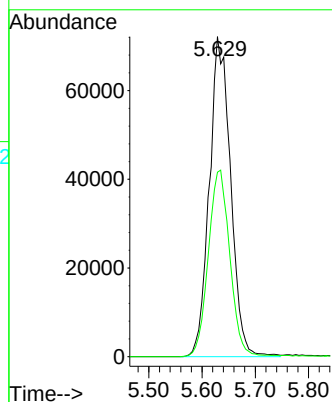
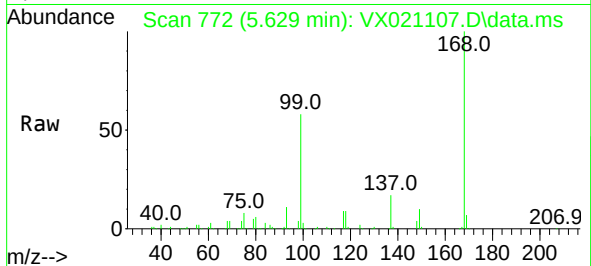




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

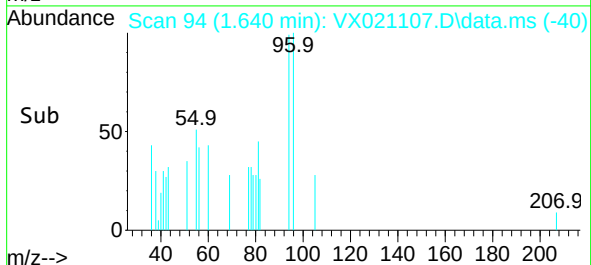
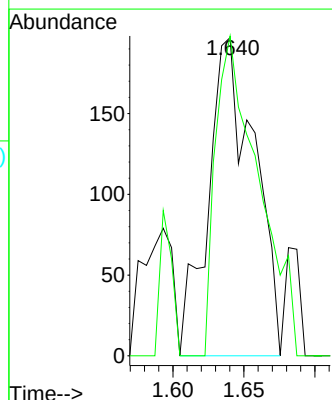
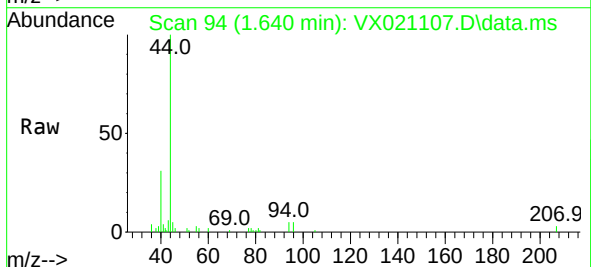
Instrument :
MSVOA_X
ClientSampleId :

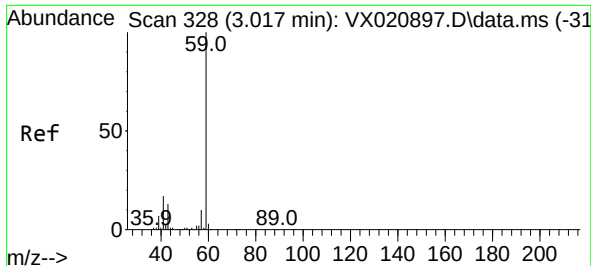
Tgt Ion:168 Resp: 200412
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

Tgt Ion: 94 Resp: 445
Ion Ratio Lower Upper
94 100
96 100.5 76.4 114.6

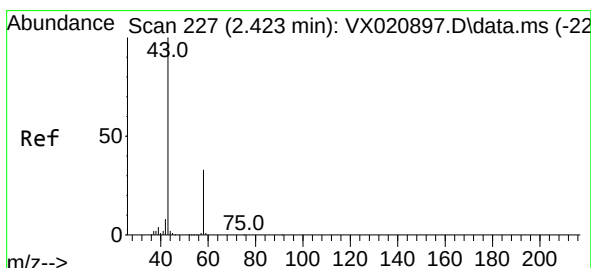
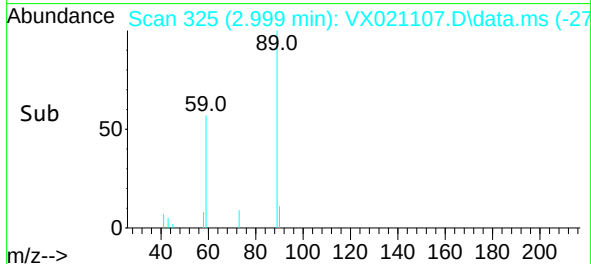
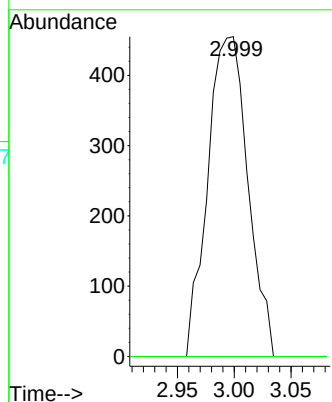
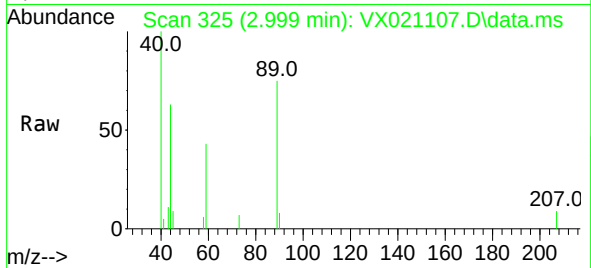




#11
Tert butyl alcohol
Concen: 1.86 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

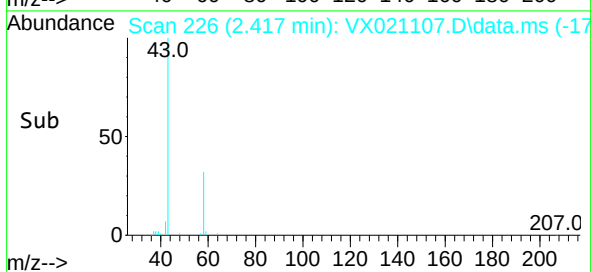
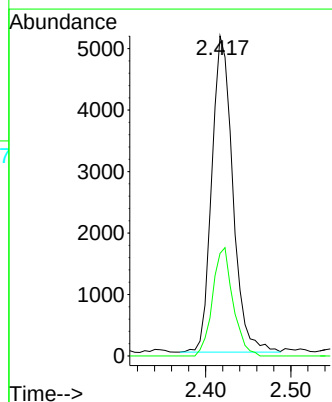
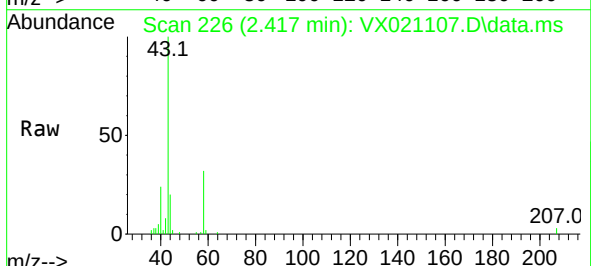
Instrument :
MSVOA_X
ClientSampled :

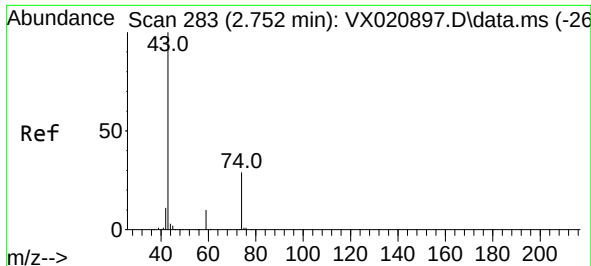
Tgt Ion: 59 Resp: 1119
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 7.90 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

Tgt Ion: 43 Resp: 8809
Ion Ratio Lower Upper
43 100
58 32.5 27.8 41.8

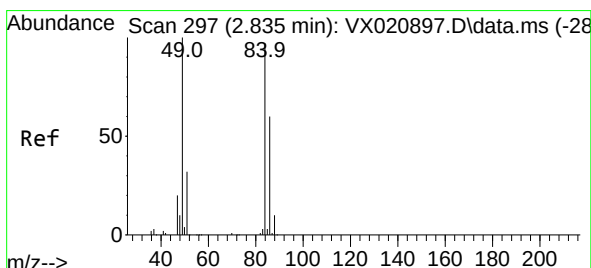
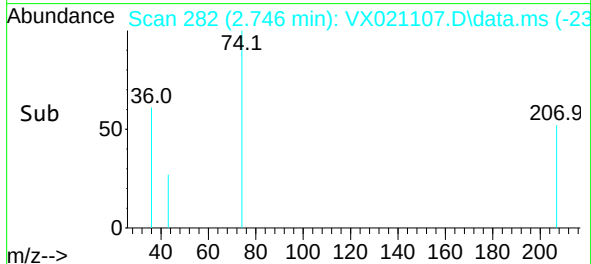
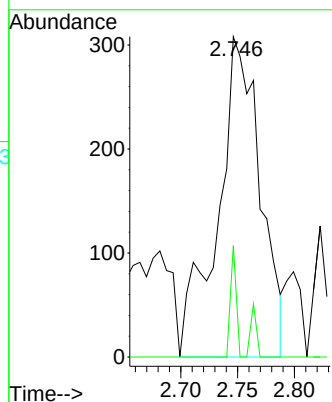
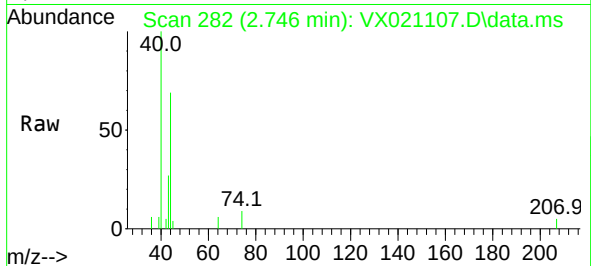




#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

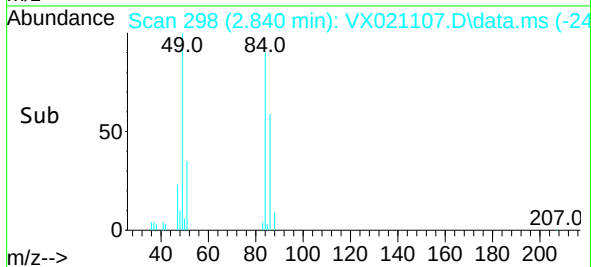
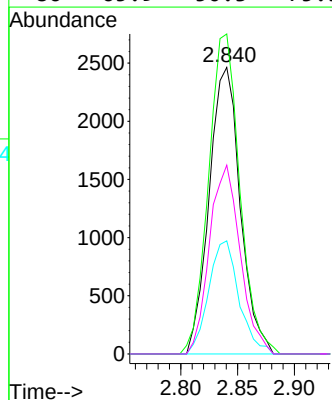
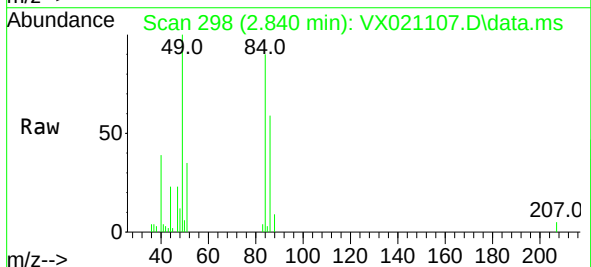
Instrument :
MSVOA_X
ClientSampled :

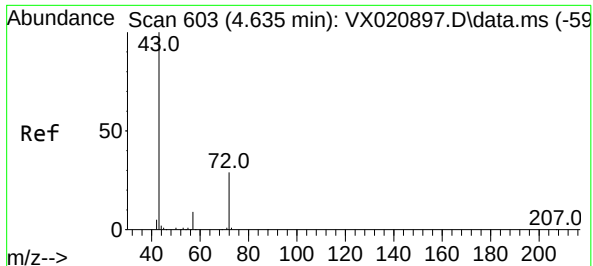
Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
74 4.8 21.9 32.9#



#20
Methylene Chloride
Concen: 1.75 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

Tgt Ion: 84 Resp: 4689
Ion Ratio Lower Upper
84 100
49 111.6 88.6 132.8
51 39.4 27.0 40.6
86 65.9 50.3 75.5





#25

2-Butanone

Concen: 0.98 ug/l

RT: 4.641 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX021107.D

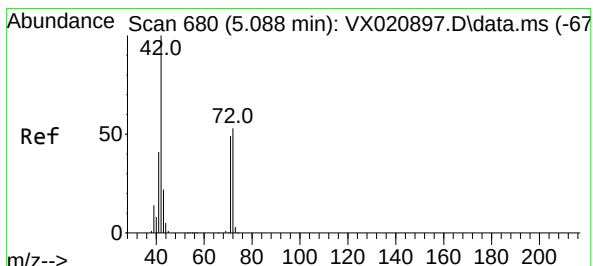
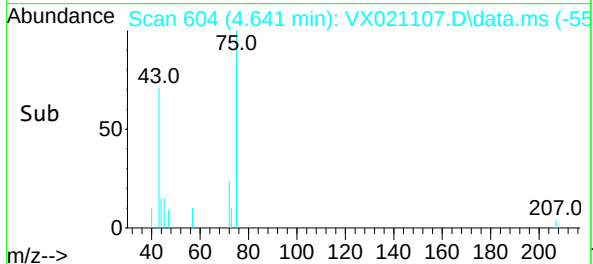
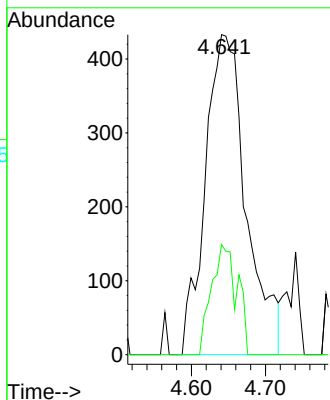
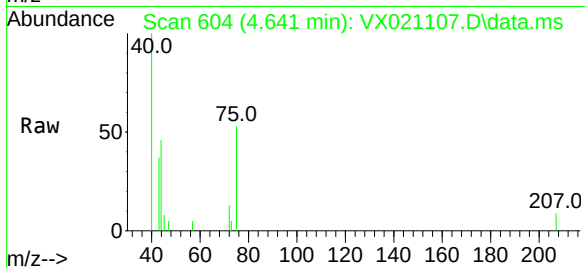
Acq: 09 Mar 2021 14:48

Tgt Ion: 43 Resp: 1658

Ion Ratio Lower Upper

43 100

72 34.4 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.56 ug/l

RT: 5.094 min Scan# 681

Delta R.T. 0.006 min

Lab File: VX021107.D

Acq: 09 Mar 2021 14:48

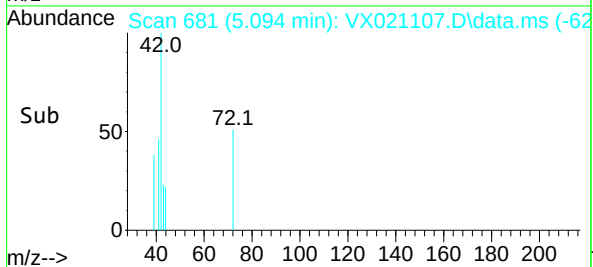
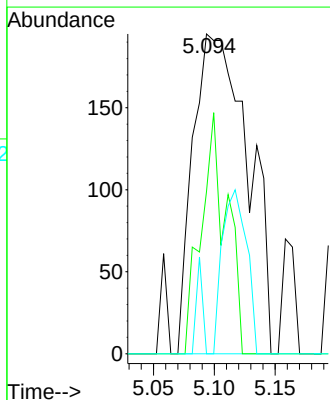
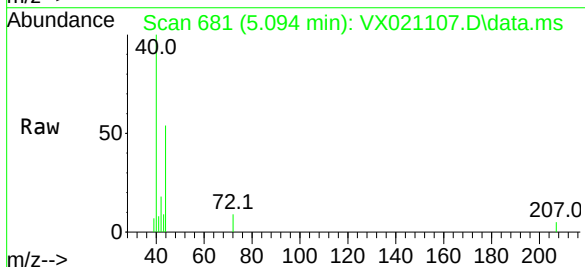
Tgt Ion: 42 Resp: 611

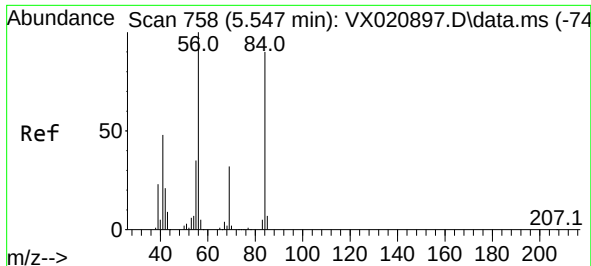
Ion Ratio Lower Upper

42 100

72 35.4 41.7 62.5#

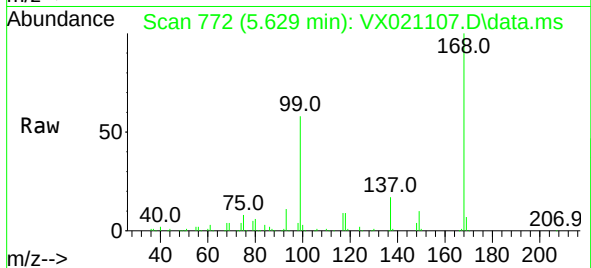
71 3.4 38.4 57.6#



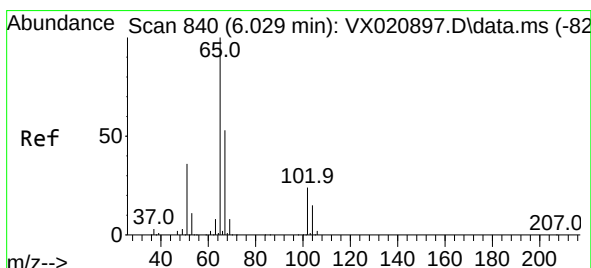
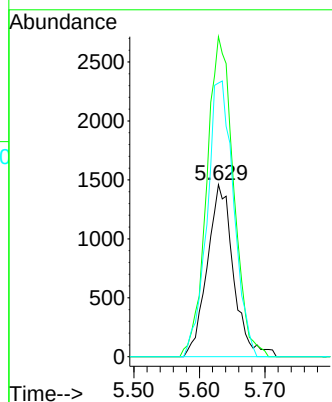
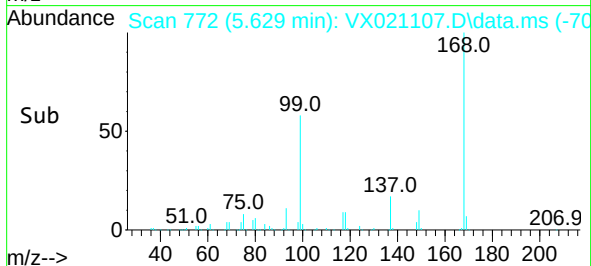


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

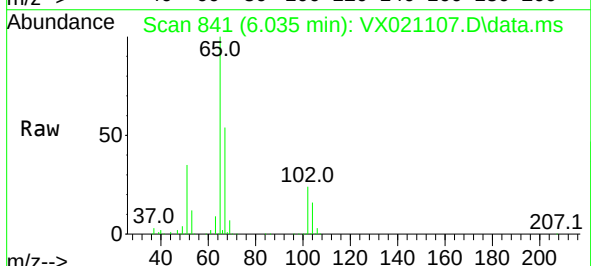
Instrument :
MSVOA_X
ClientSampleId :



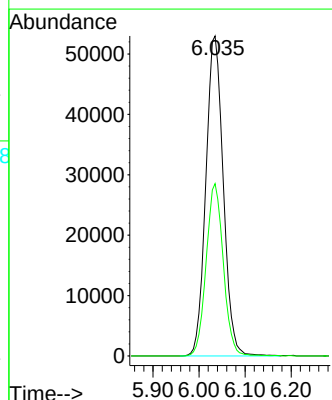
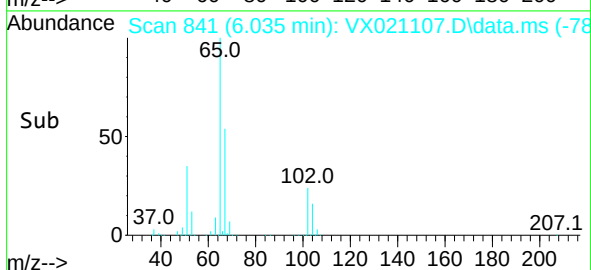
Tgt Ion: 56 Resp: 4072
Ion Ratio Lower Upper
56 100
69 186.1 25.3 37.9#
84 159.1 71.4 107.0#

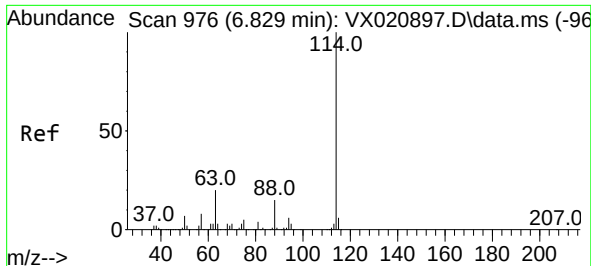


#33
1,2-Dichloroethane-d4
Concen: 51.59 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48



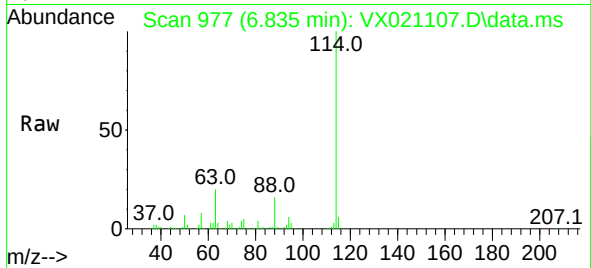
Tgt Ion: 65 Resp: 139662
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



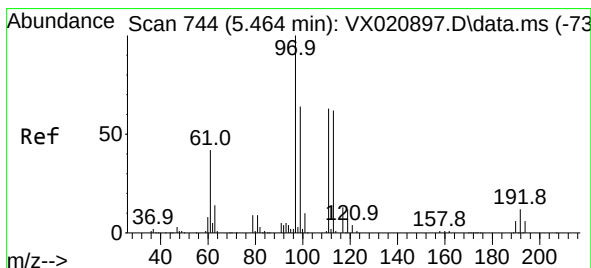
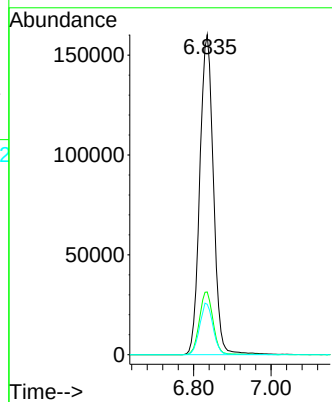
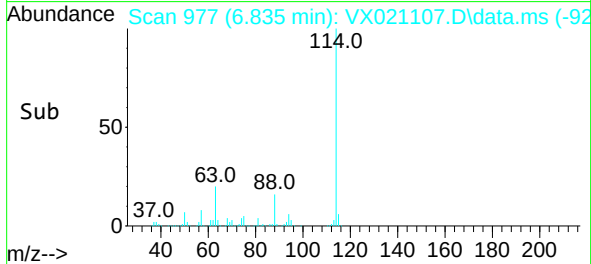


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

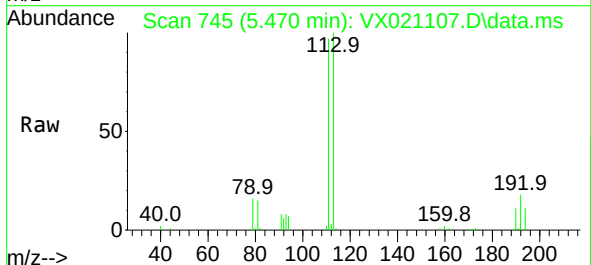
Instrument :
MSVOA_X
ClientSampleId :



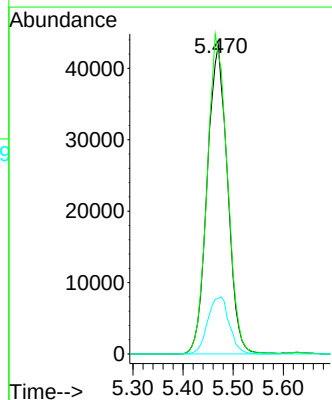
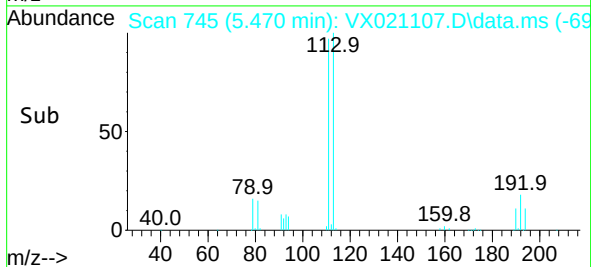
Tgt Ion:114 Resp: 390401
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 15.8 0.0 32.8

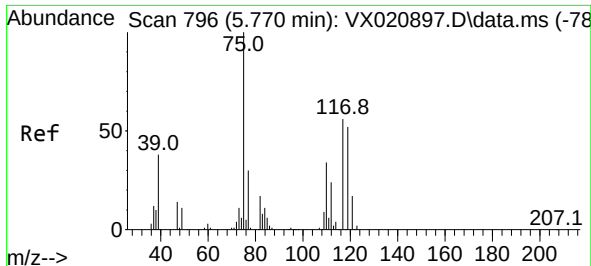


#35
Dibromofluoromethane
Concen: 51.36 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48



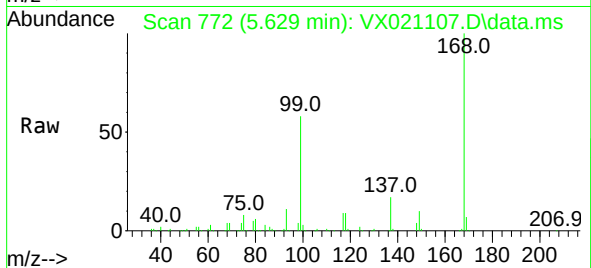
Tgt Ion:113 Resp: 121817
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.5 16.7 25.1



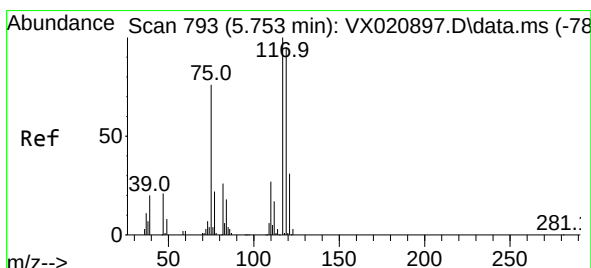
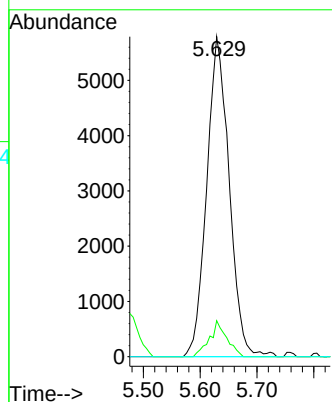
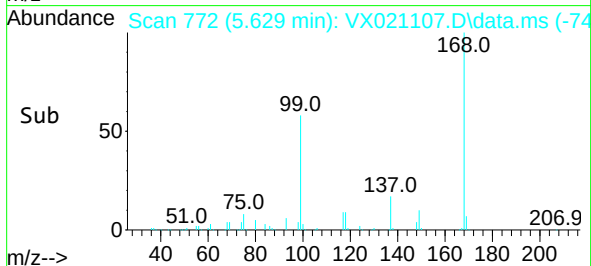


#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

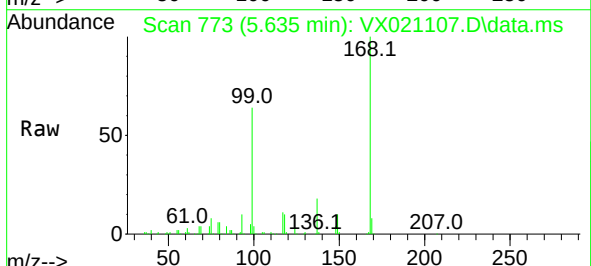
Instrument :
MSVOA_X
ClientSampled :



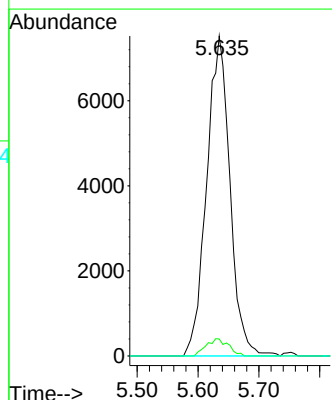
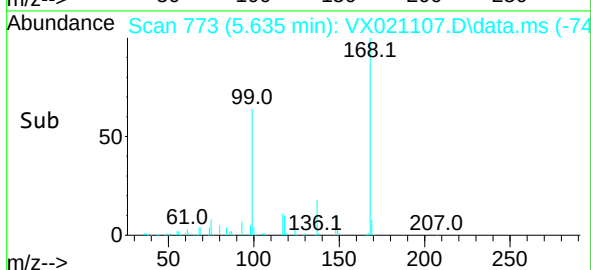
Tgt Ion: 75 Resp: 15917
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#

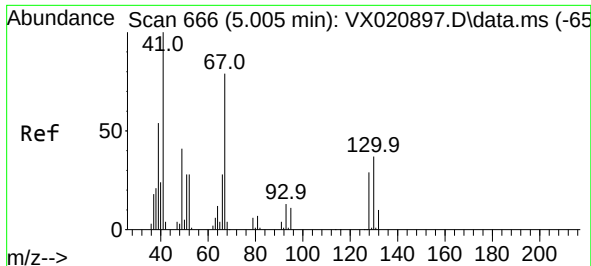


#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48



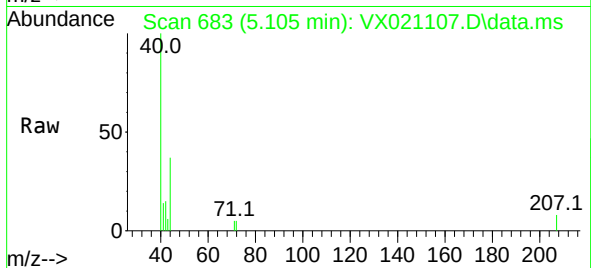
Tgt Ion: 117 Resp: 20046
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#



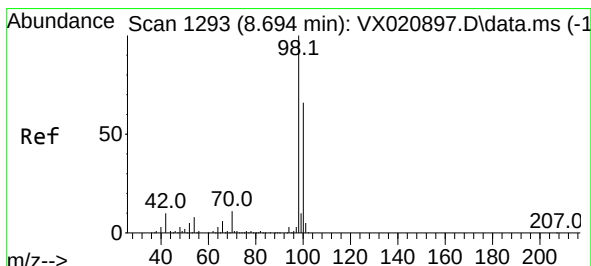
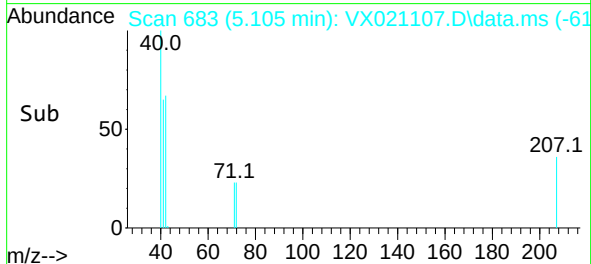
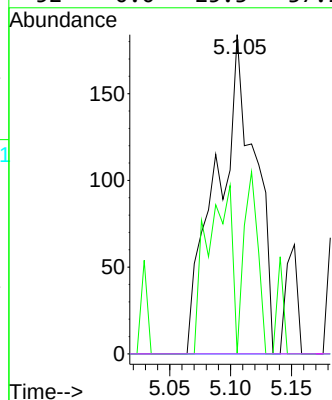


#41
Methacrylonitrile
Concen: 0.20 ug/l
RT: 5.105 min Scan# 683
Delta R.T. 0.100 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :

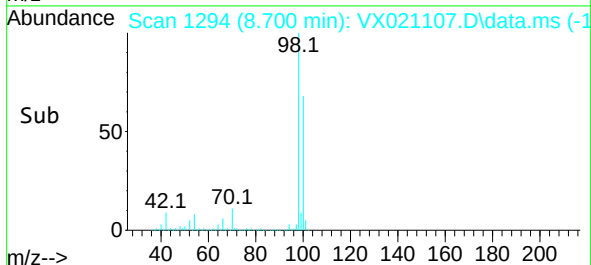
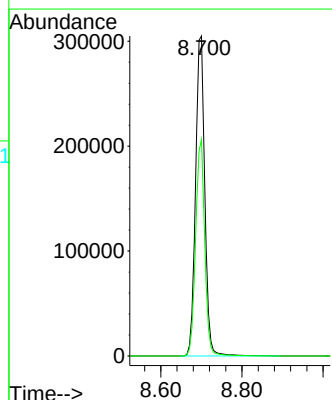
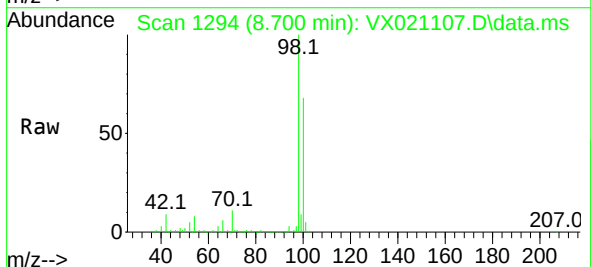


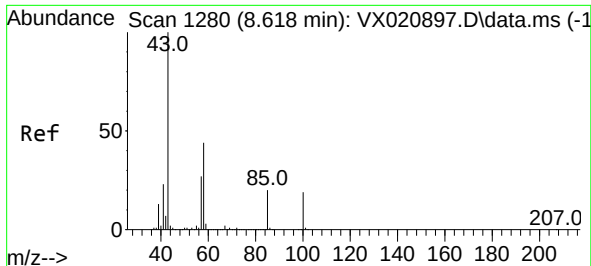
Tgt Ion:	41	Resp:	403
Ion	Ratio	Lower	Upper
41	100		
39	34.2	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#50
Toluene-d8
Concen: 52.44 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

Tgt Ion:	98	Resp:	485013
Ion	Ratio	Lower	Upper
98	100		
100	66.7	51.9	77.9

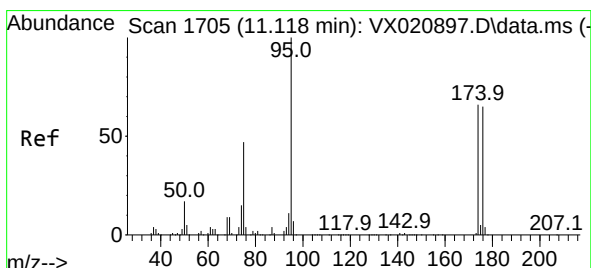
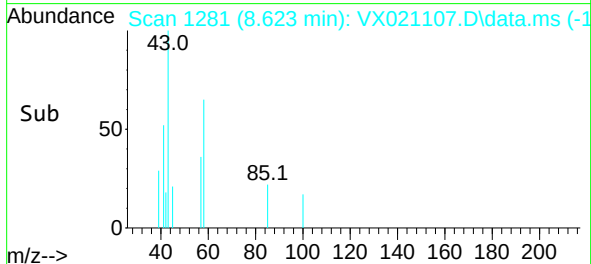
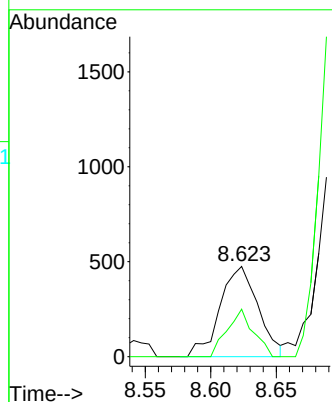
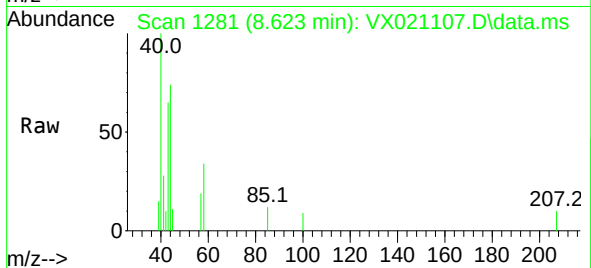




#51
4-Methyl-2-Pentanone
Concen: 0.27 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

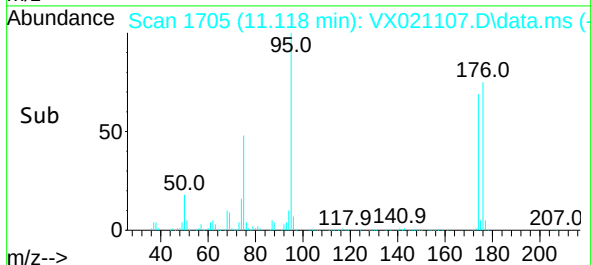
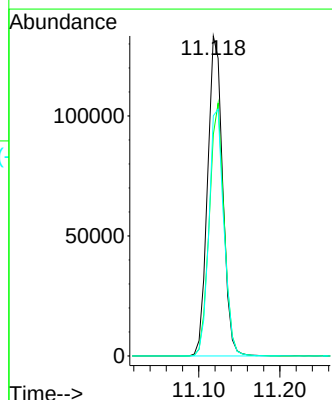
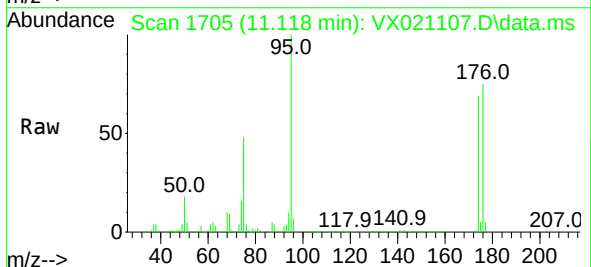
Instrument :
MSVOA_X
ClientSampled :

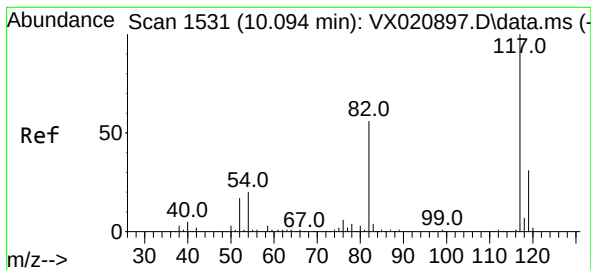
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 36.2 35.4 53.0



#62
4-Bromofluorobenzene
Concen: 50.15 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

Tgt Ion: 95 Resp: 171490
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 76.5 0.0 155.8

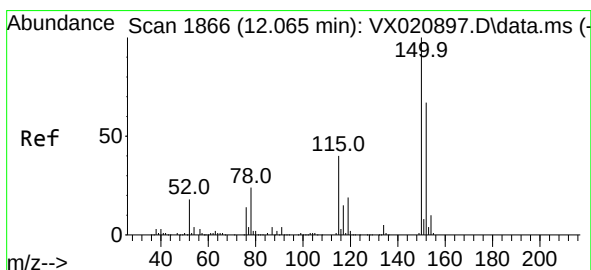
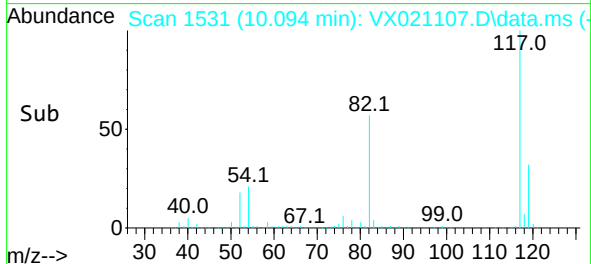
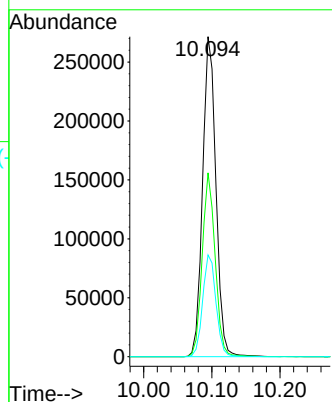
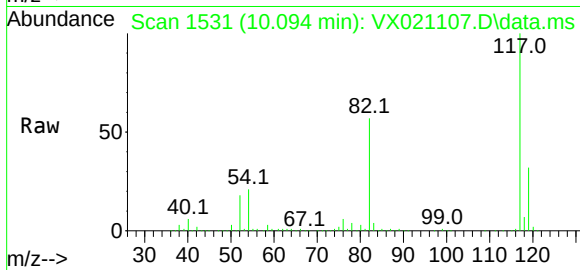




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

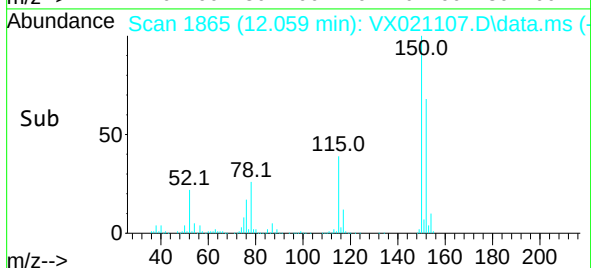
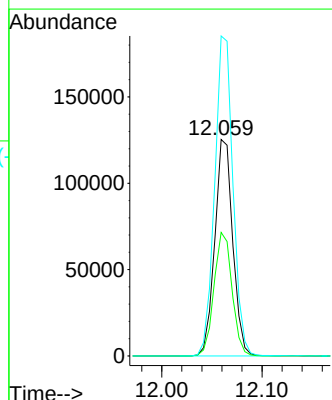
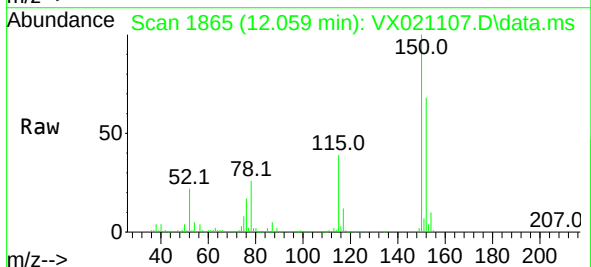
Instrument :
MSVOA_X
ClientSampled :

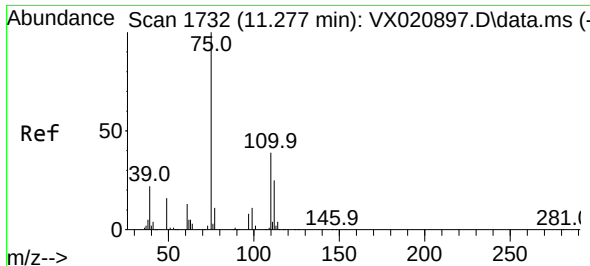
Tgt Ion:117 Resp: 369072
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

Tgt Ion:152 Resp: 156311
Ion Ratio Lower Upper
152 100
115 57.2 41.1 123.3
150 150.3 0.0 349.0

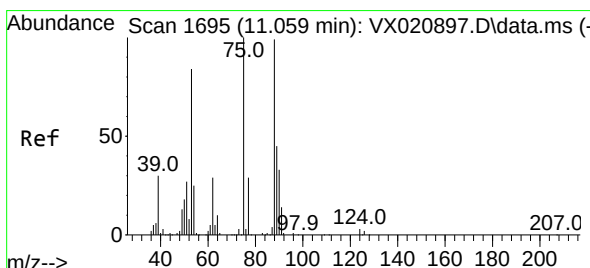
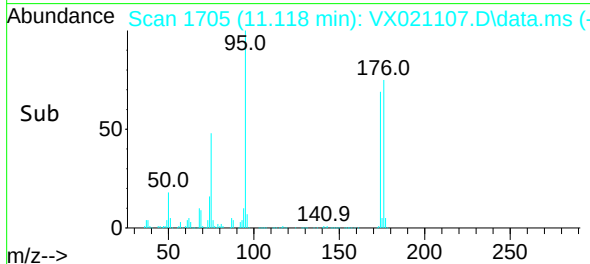
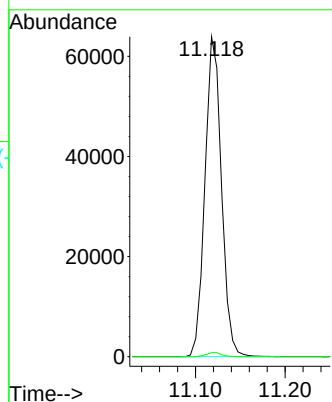
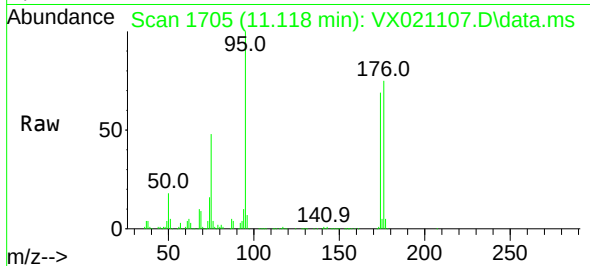




#76
1,2,3-Trichloropropane
Concen: 24.26 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 81586
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.72 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021107.D
Acq: 09 Mar 2021 14:48

Tgt Ion: 75 Resp: 81586
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

