

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021450.D
 Acq On : 24 Mar 2021 21:54
 Operator : JC/MD
 Sample : VX0324WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 25 02:56:46 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)

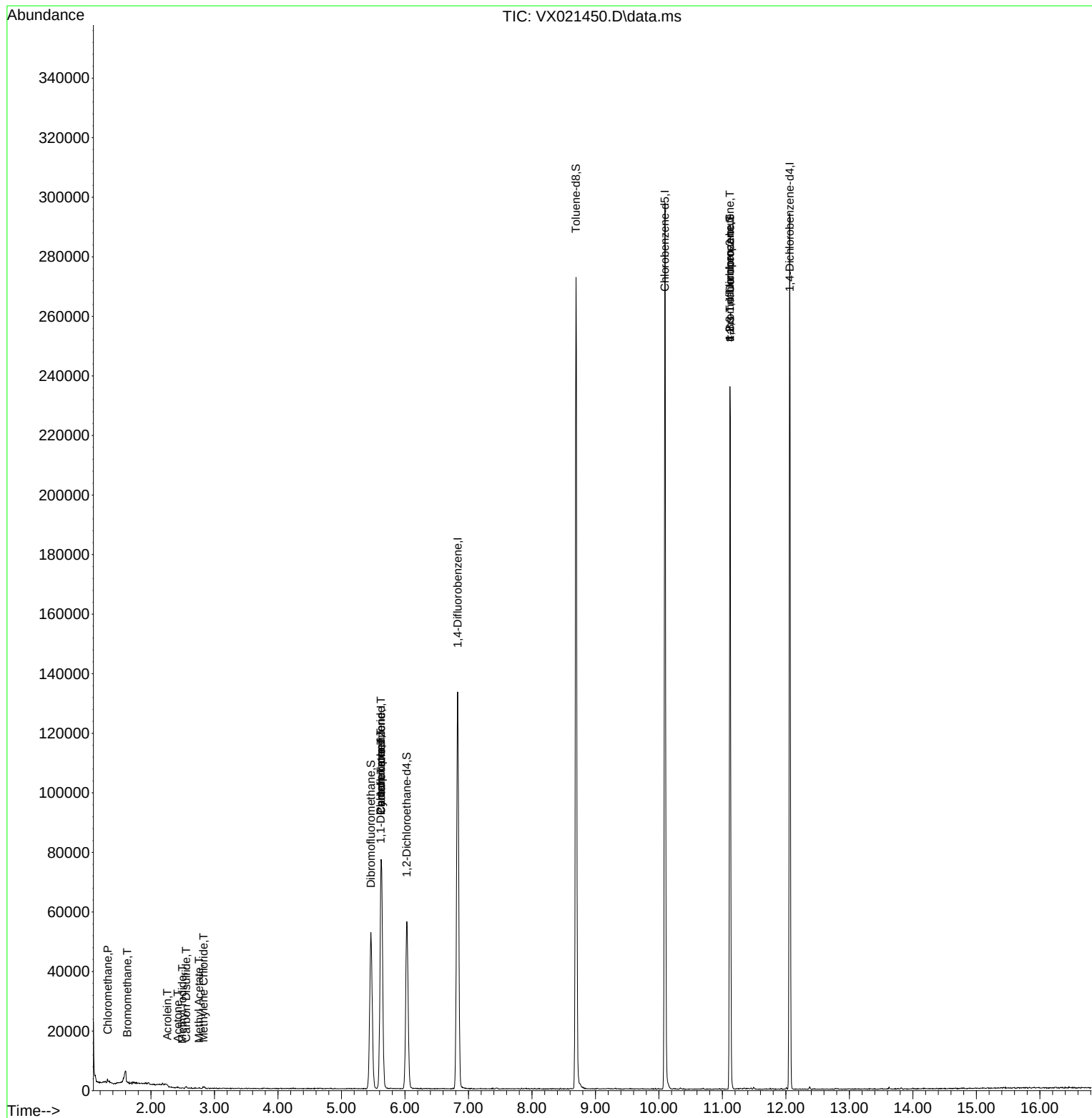
Internal Standards						
1) Pentafluorobenzene	5.623	168	67482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	122924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	122565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	55784	49.68	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.36%
35) Dibromofluoromethane	5.464	113	42482	48.65	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.30%
50) Toluene-d8	8.694	98	155182	49.87	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.74%
62) 4-Bromofluorobenzene	11.118	95	62358	51.55	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.10%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1821	2.18	ug/l	99
5) Bromomethane	1.628	94	163	0.53	ug/l	94
10) Methyl Iodide	2.493	142	96	6.80	ug/l #	42
13) Acrolein	2.258	56	18	4.49	ug/l #	14
16) Acetone	2.423	43	351	0.83	ug/l #	40
17) Carbon Disulfide	2.552	76	631	0.33	ug/l #	75
18) Methyl Acetate	2.758	43	314	0.26	ug/l #	47
20) Methylene Chloride	2.829	84	235	0.28	ug/l #	70
31) Cyclohexane	5.623	56	1755	1.42	ug/l #	9
36) 1,1-Dichloropropene	5.617	75	6277	5.21	ug/l #	49
38) Carbon Tetrachloride	5.623	117	7312	5.65	ug/l #	18
76) 1,2,3-Trichloropropane	11.118	75	34632	27.86	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	34632	84.87	ug/l #	12

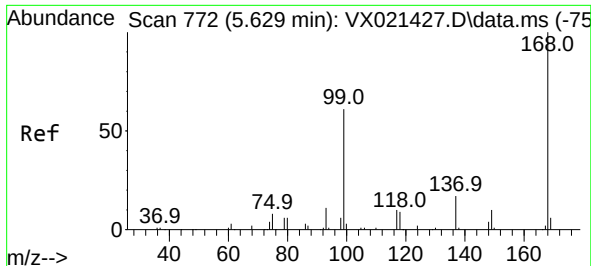
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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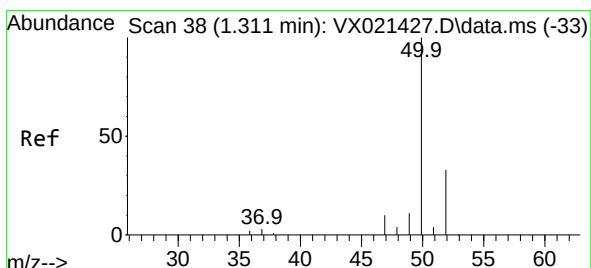
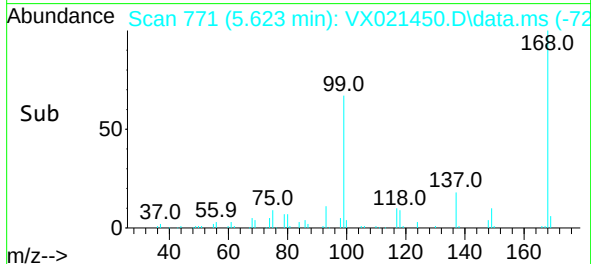
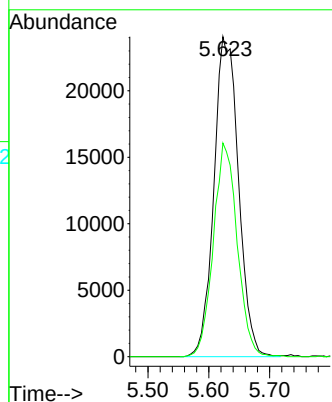
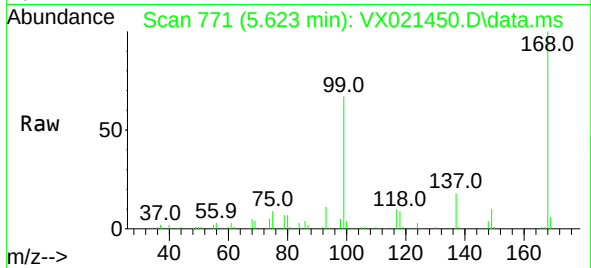




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

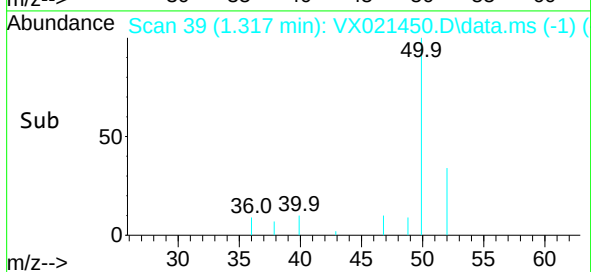
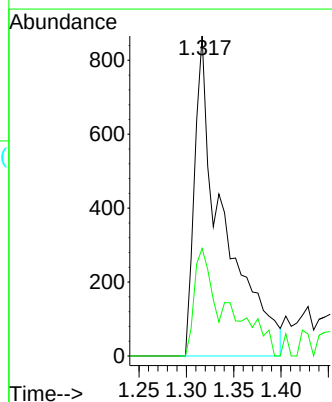
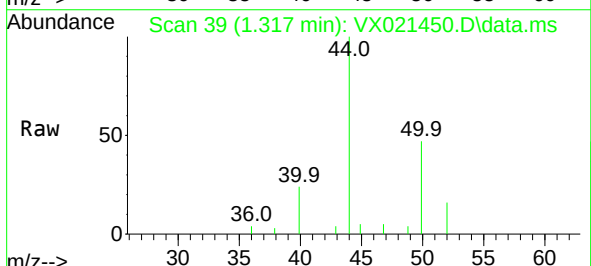
Instrument :
MSVOA_X
ClientSampleId :

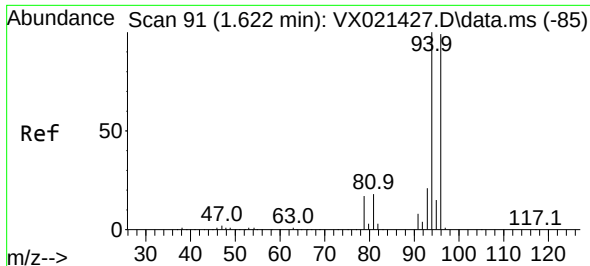
Tgt Ion:168 Resp: 67482
Ion Ratio Lower Upper
168 100
99 66.7 45.8 68.6



#3
Chloromethane
Concen: 2.18 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

Tgt Ion: 50 Resp: 1821
Ion Ratio Lower Upper
50 100
52 33.6 26.4 39.6

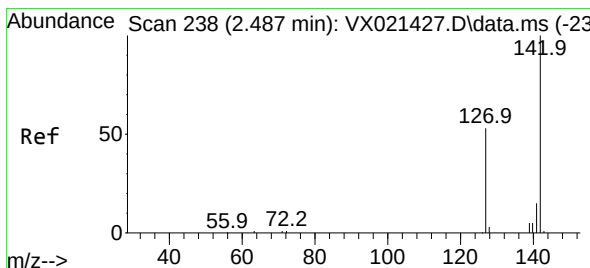
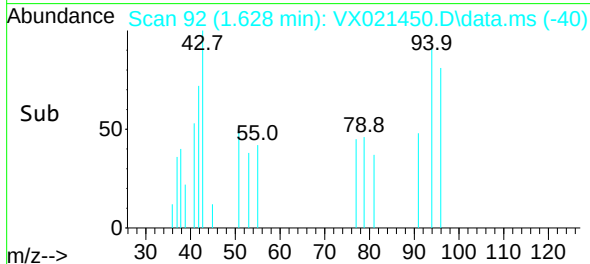
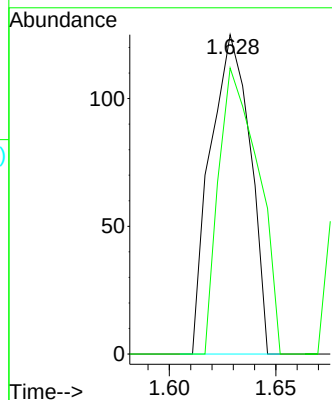
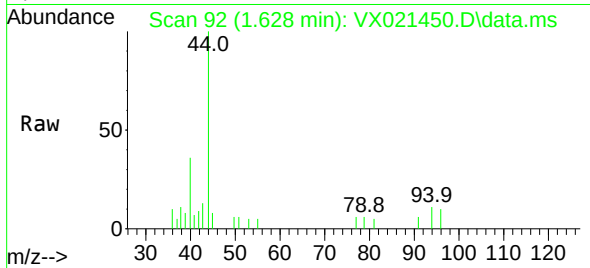




#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

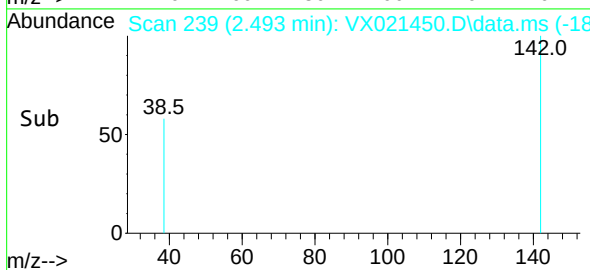
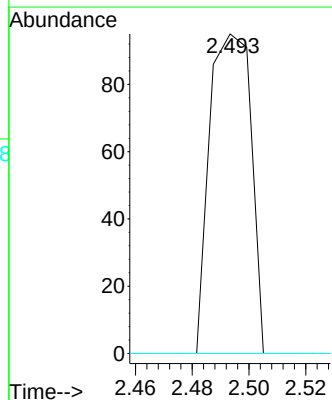
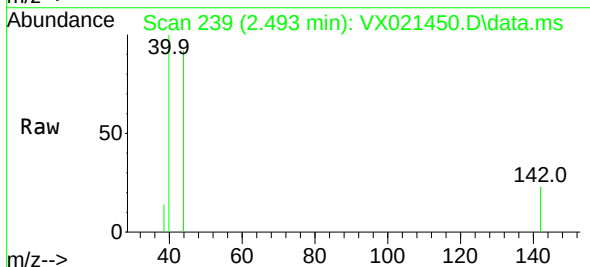
Instrument :
MSVOA_X
ClientSampleId :

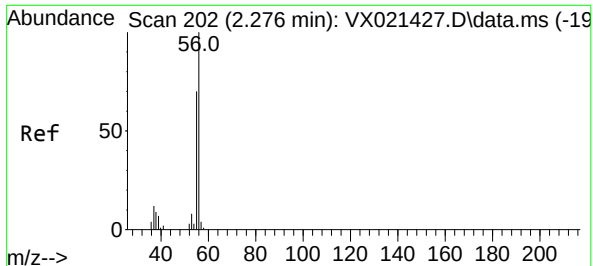
Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 89.6 76.4 114.6



#10
Methyl Iodide
Concen: 6.80 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

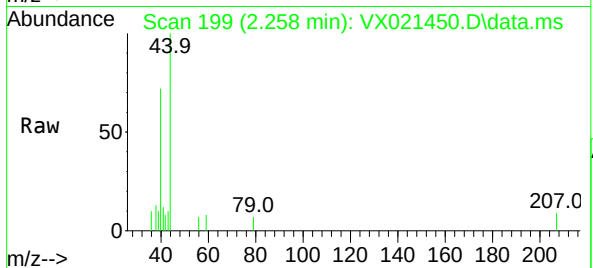
Tgt Ion: 142 Resp: 96
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



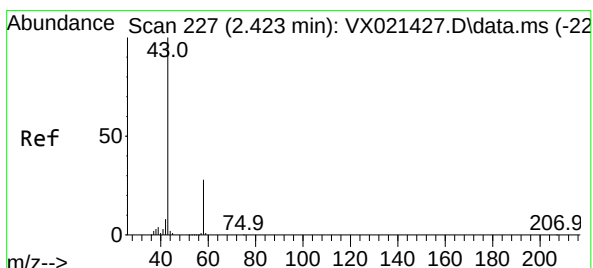
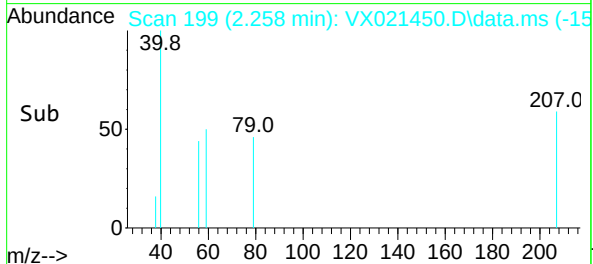
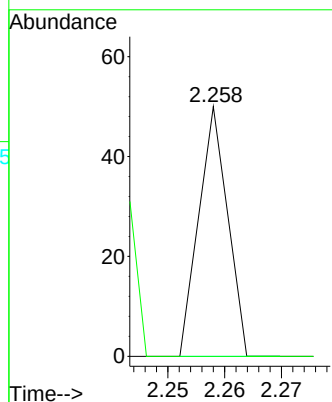


#13
Acrolein
Concen: 4.49 ug/l
RT: 2.258 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

Instrument :
MSVOA_X
ClientSampled :

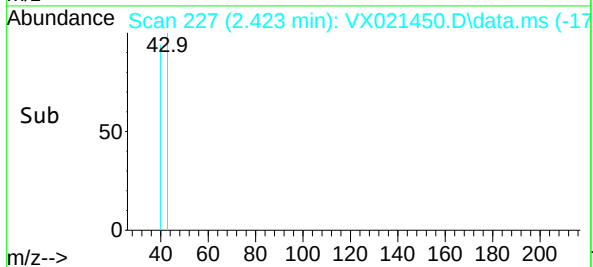
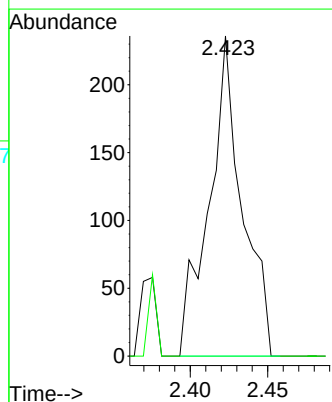
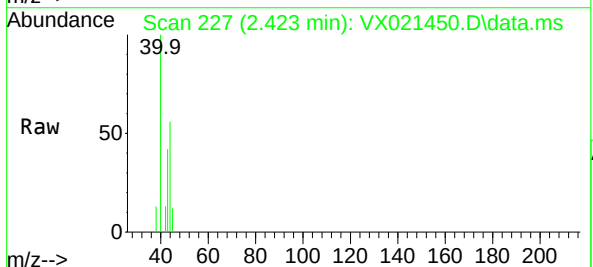


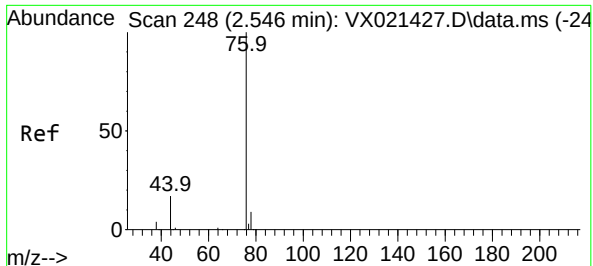
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.83 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

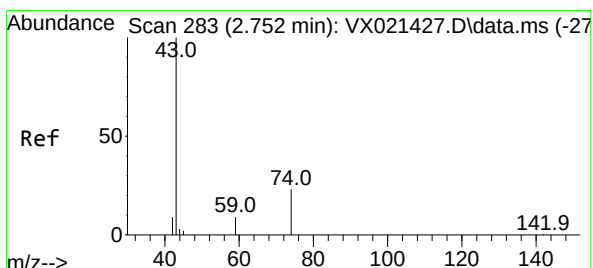
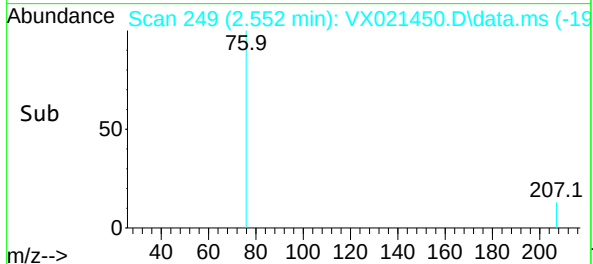
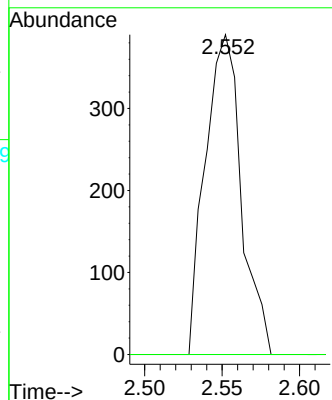
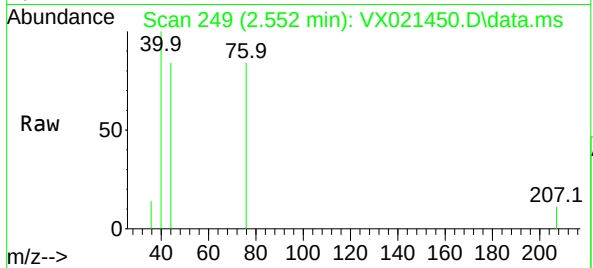




#17
Carbon Disulfide
Concen: 0.33 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

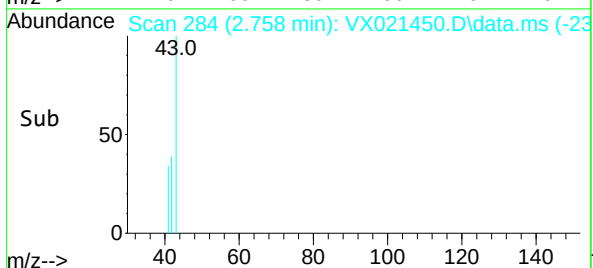
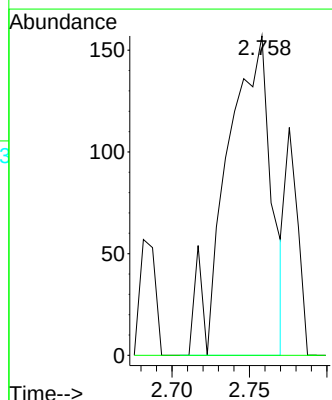
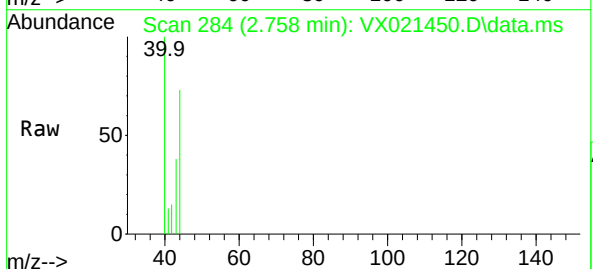
Instrument :
MSVOA_X
ClientSampled :

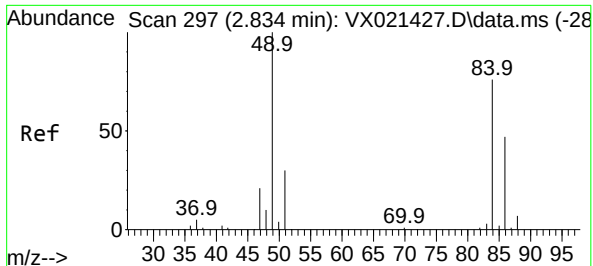
Tgt Ion: 76 Resp: 631
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

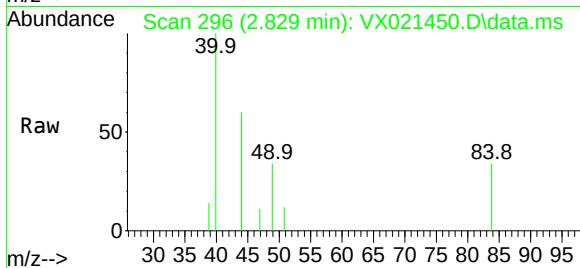
Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





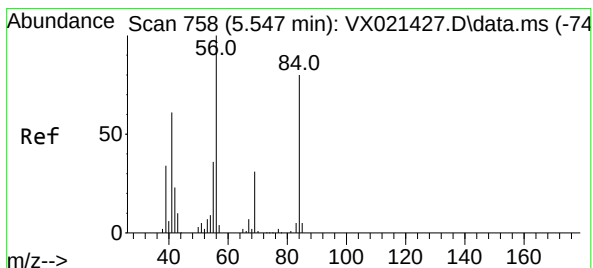
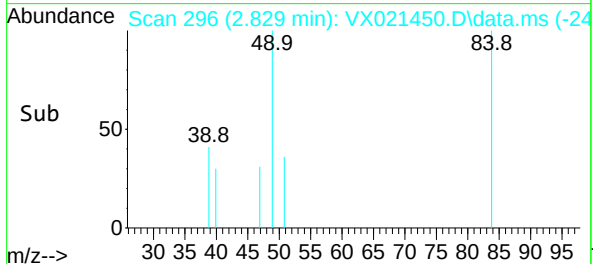
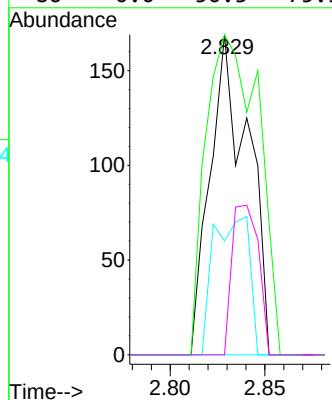
#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.005 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 235

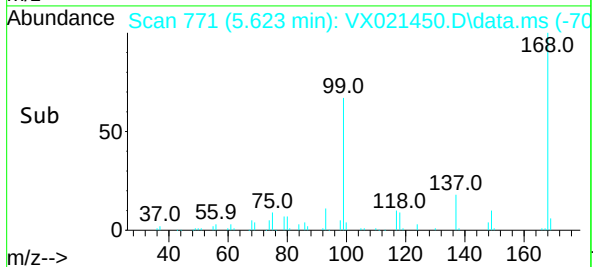
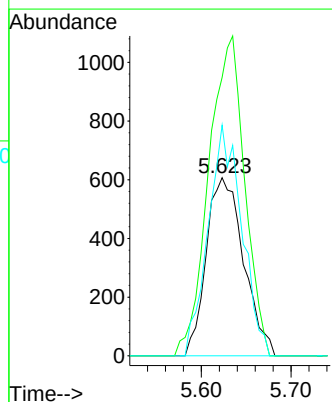
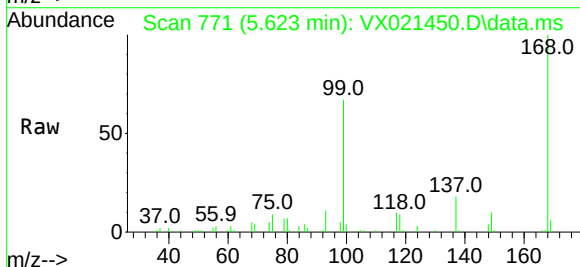
Ion	Ratio	Lower	Upper
84	100		
49	100.0	88.6	132.8
51	35.5	27.0	40.6
86	0.0	50.3	75.5#

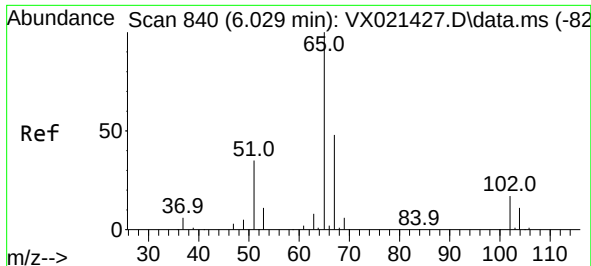


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

Tgt Ion: 56 Resp: 1755

Ion	Ratio	Lower	Upper
56	100		
69	156.3	25.3	37.9#
84	129.5	71.4	107.0#

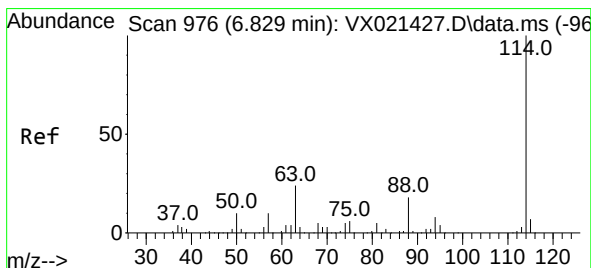
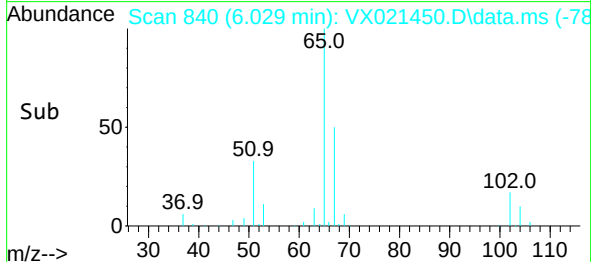
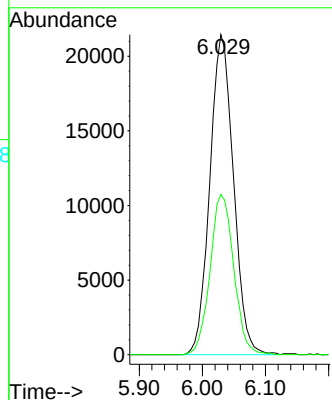
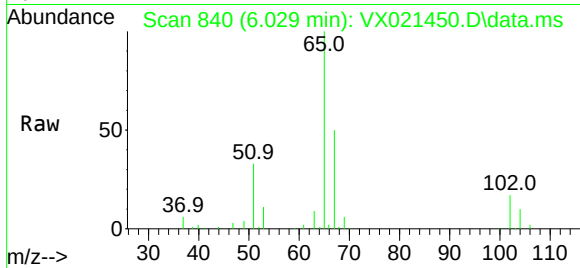




#33
 1,2-Dichloroethane-d4
 Concen: 49.68 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX021450.D
 Acq: 24 Mar 2021 21:54

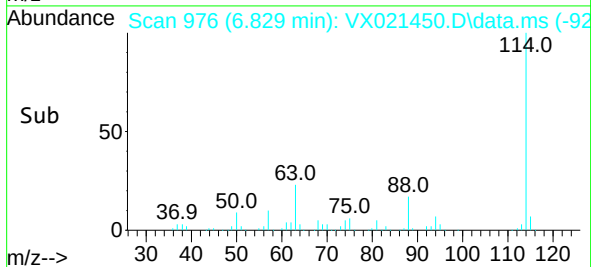
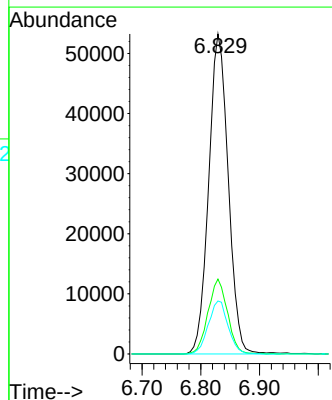
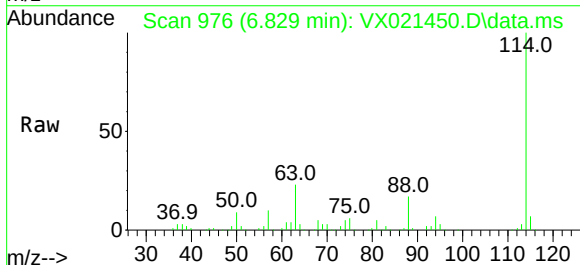
Instrument :
 MSVOA_X
 ClientSampled :

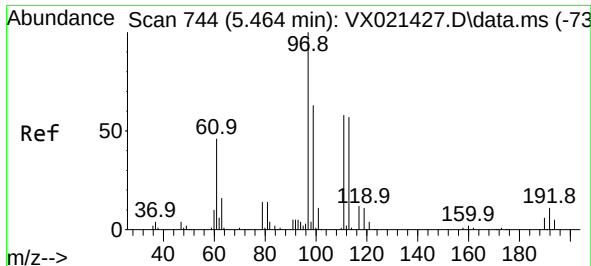
Tgt Ion: 65 Resp: 55784
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX021450.D
 Acq: 24 Mar 2021 21:54

Tgt Ion: 114 Resp: 122924
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 40.8
 88 16.5 0.0 32.8

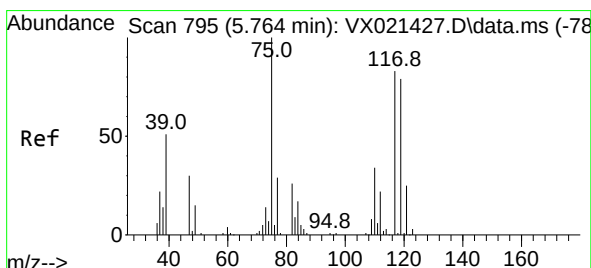
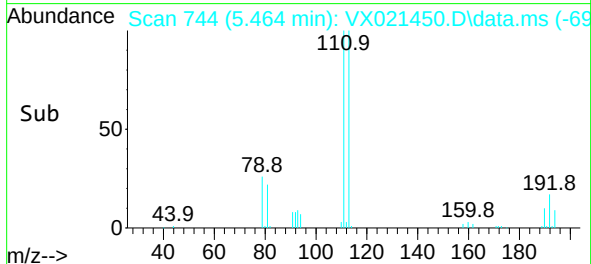
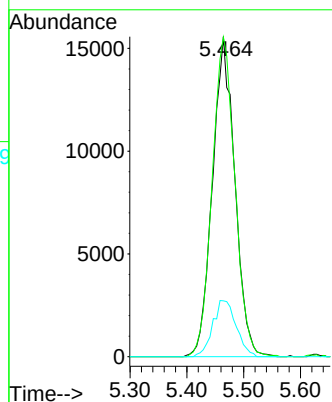
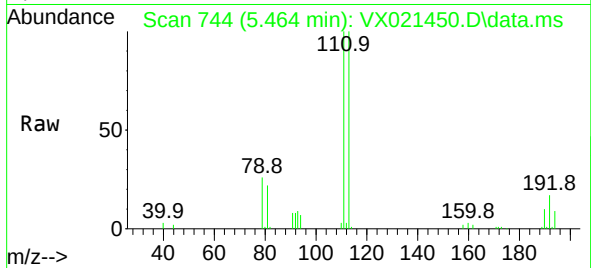




#35
Dibromofluoromethane
Concen: 48.65 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

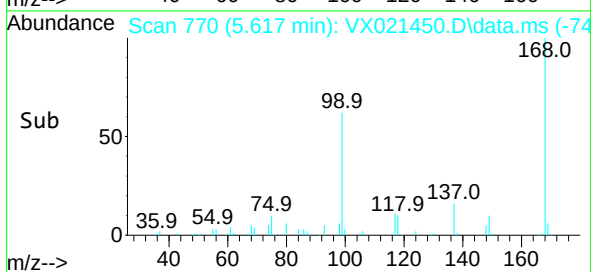
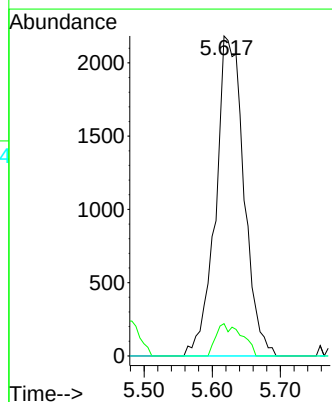
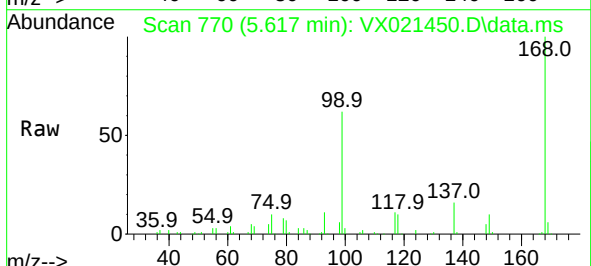
Instrument :
MSVOA_X
ClientSampleId :

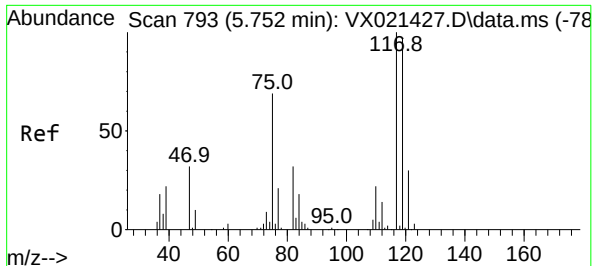
Tgt Ion:113 Resp: 42482
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 18.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 5.617 min Scan# 770
Delta R.T. -0.147 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

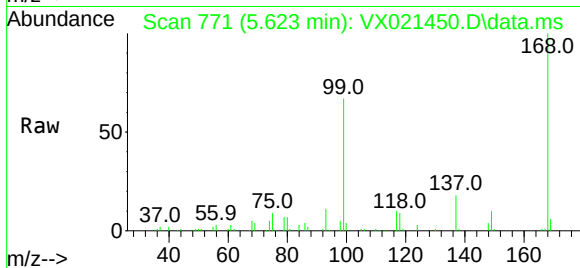
Tgt Ion: 75 Resp: 6277
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



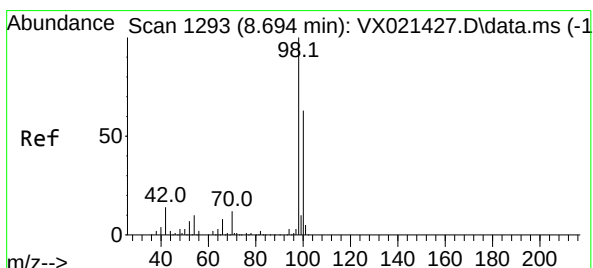
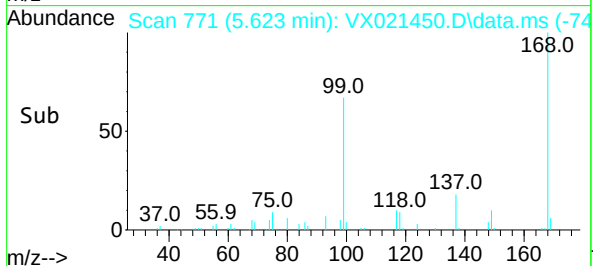
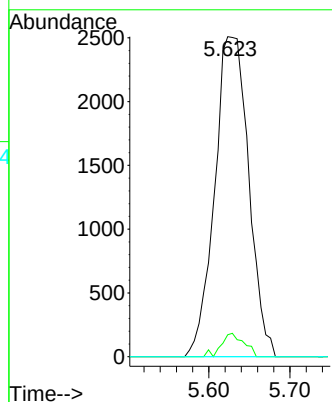


#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

Instrument :
MSVOA_X
ClientSampled :

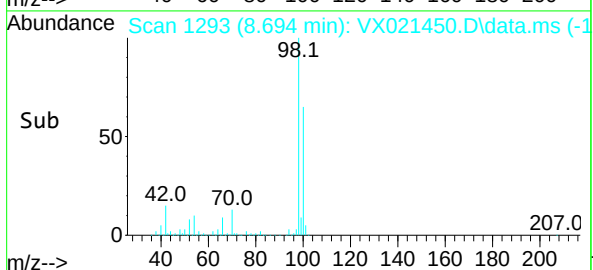
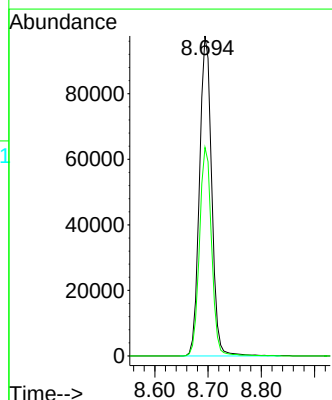
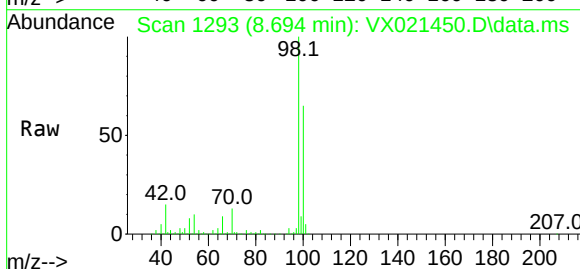


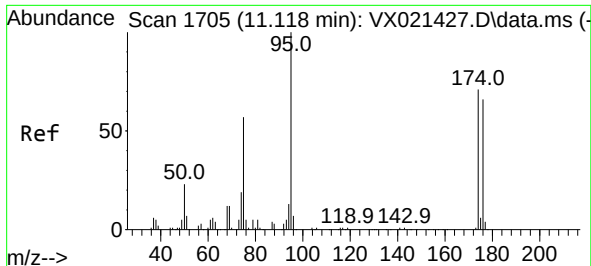
Tgt Ion:117 Resp: 7312
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.87 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

Tgt Ion: 98 Resp: 155182
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

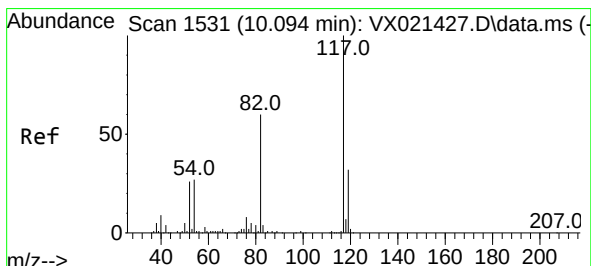
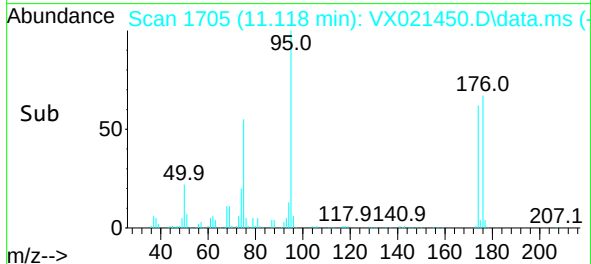
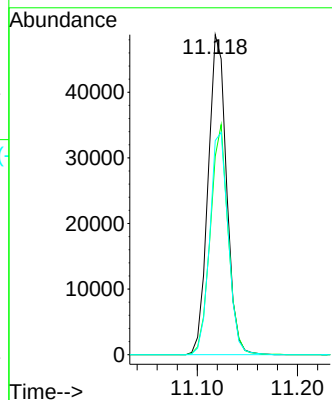
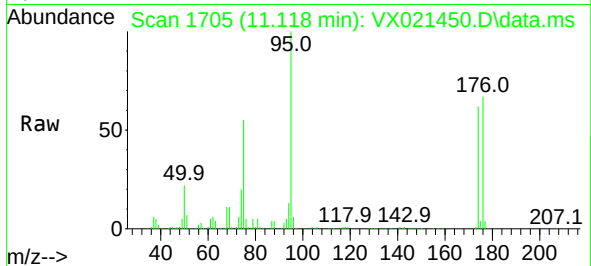




#62
4-Bromofluorobenzene
Concen: 51.55 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

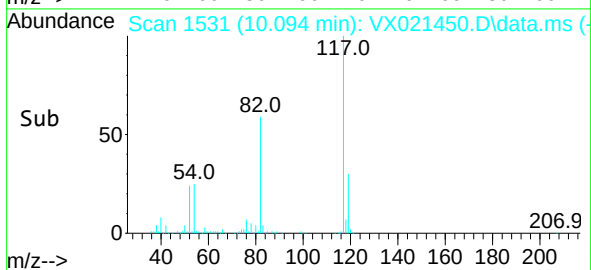
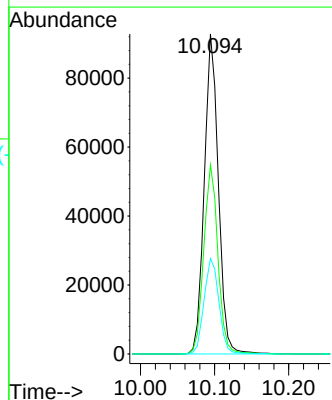
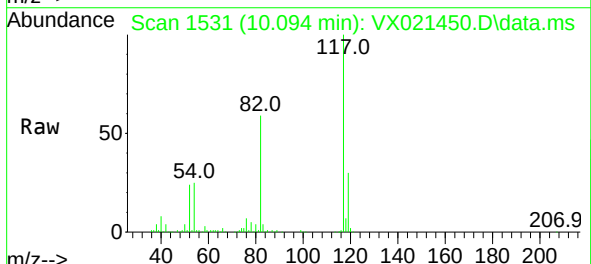
Instrument :
MSVOA_X
ClientSampleId :

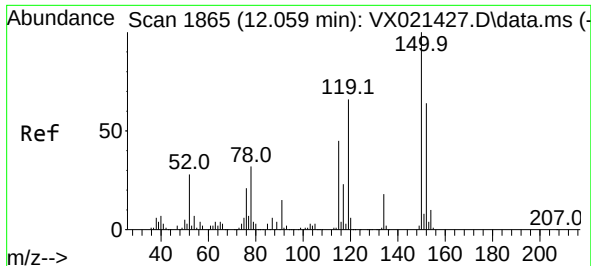
Tgt Ion: 95 Resp: 62358
Ion Ratio Lower Upper
95 100
174 69.4 0.0 154.6
176 69.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

Tgt Ion: 117 Resp: 122565
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 29.8 26.6 39.8

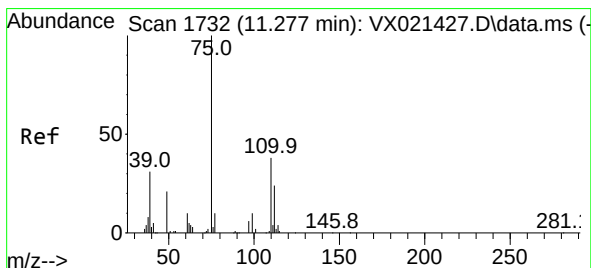
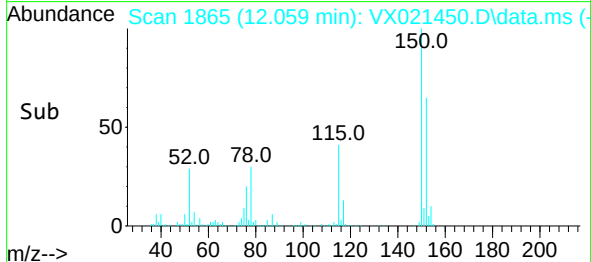
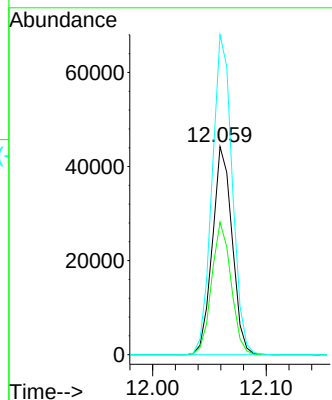
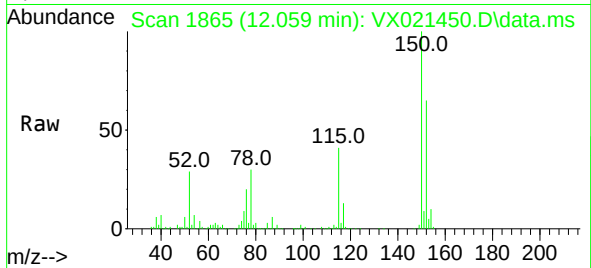




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

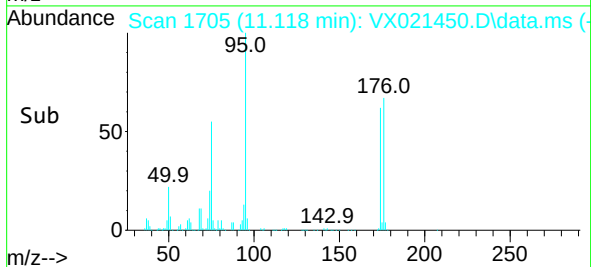
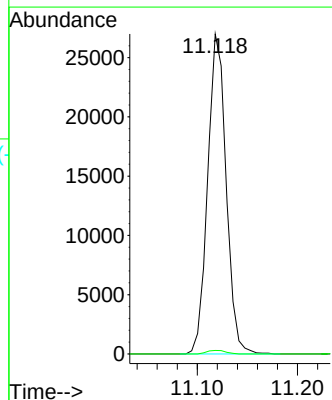
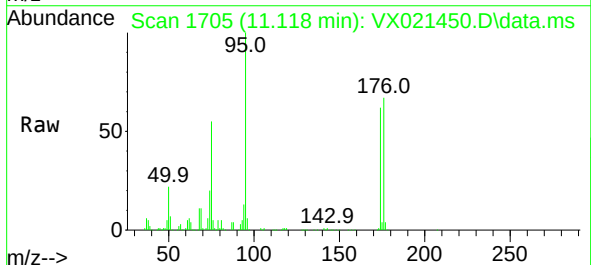
Instrument :
MSVOA_X
ClientSampleId :

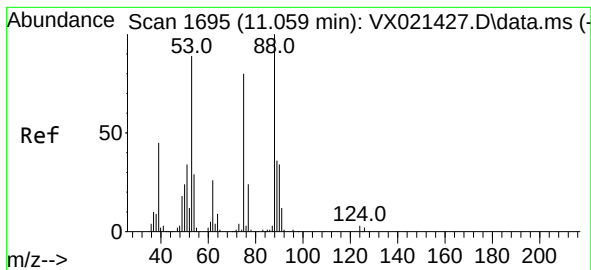
Tgt Ion:152 Resp: 53392
Ion Ratio Lower Upper
152 100
115 62.5 41.1 123.3
150 156.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.86 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021450.D
Acq: 24 Mar 2021 21:54

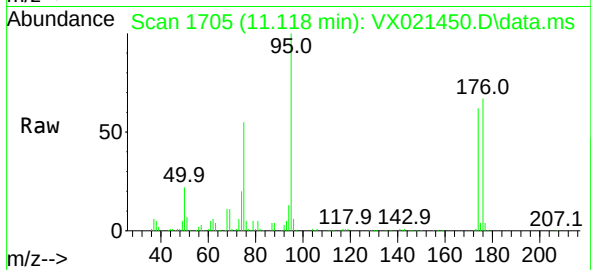
Tgt Ion: 75 Resp: 34632
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.87 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021450.D
 Acq: 24 Mar 2021 21:54

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 34632
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

