

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021202.D
 Acq On : 15 Mar 2021 16:16
 Operator : JC/MD
 Sample : M1596-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 03:02:46 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)

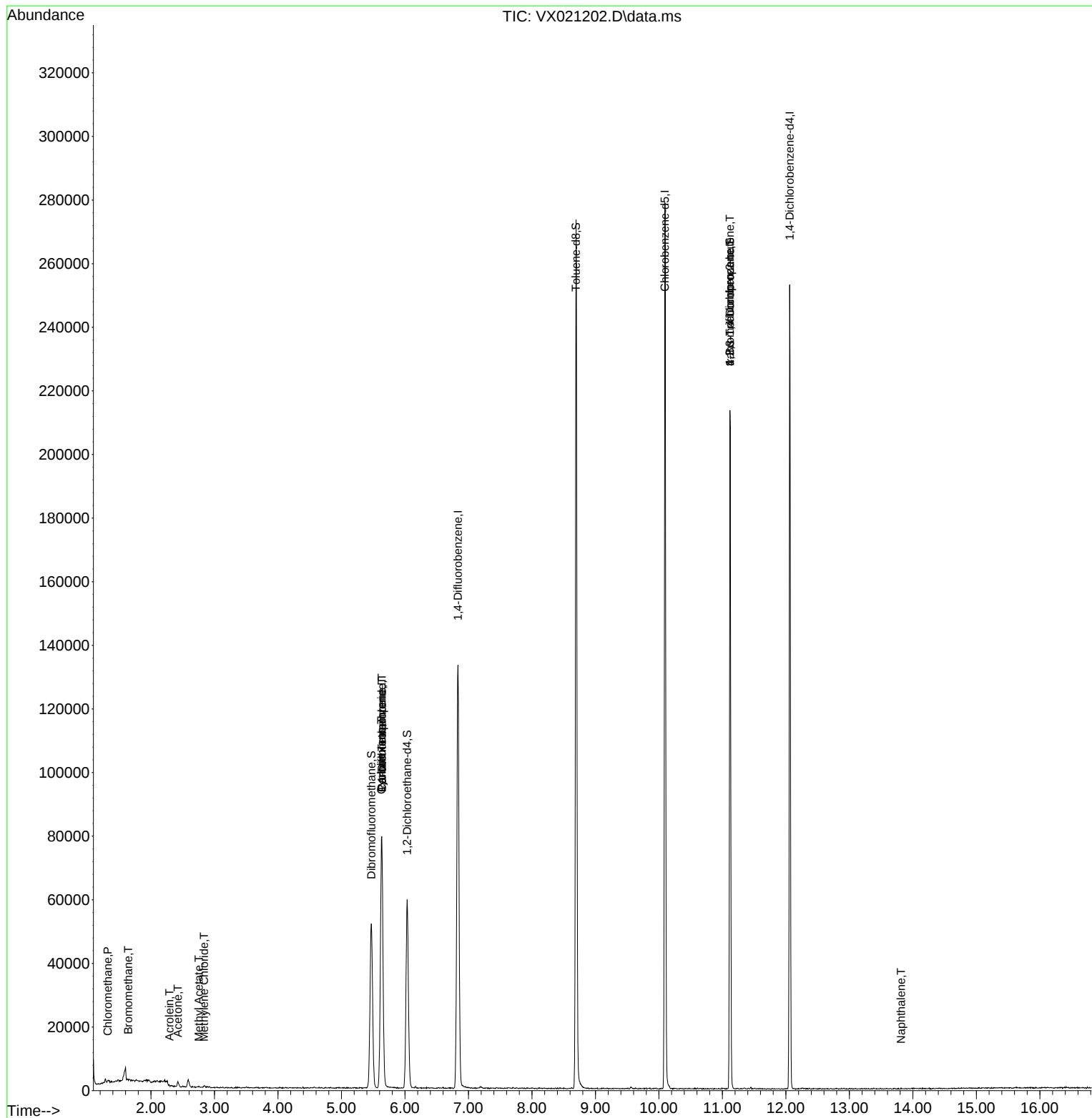
Internal Standards						
1) Pentafluorobenzene	5.635	168	67325	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.835	114	124434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	45711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	58080	50.59	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.18%
35) Dibromofluoromethane	5.470	113	42620	49.78	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.56%
50) Toluene-d8	8.694	98	156712	50.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.92%
62) 4-Bromofluorobenzene	11.118	95	57262	48.86	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.72%
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	222	0.25	ug/l #	70
5) Bromomethane	1.640	94	231	0.47	ug/l #	68
13) Acrolein	2.293	56	70	0.57	ug/l	95
16) Acetone	2.422	43	1865	4.04	ug/l	89
18) Methyl Acetate	2.752	43	462	0.41	ug/l #	47
20) Methylene Chloride	2.834	84	207	0.24	ug/l #	84
31) Cyclohexane	5.629	56	2055	1.41	ug/l #	41
36) 1,1-Dichloropropene	5.635	75	6443	4.94	ug/l #	48
38) Carbon Tetrachloride	5.635	117	7484	5.23	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	32953	29.07	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	32953	82.52	ug/l #	12
95) Naphthalene	13.812	128	80	1.49	ug/l #	69

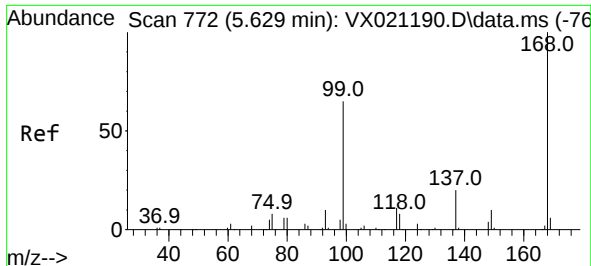
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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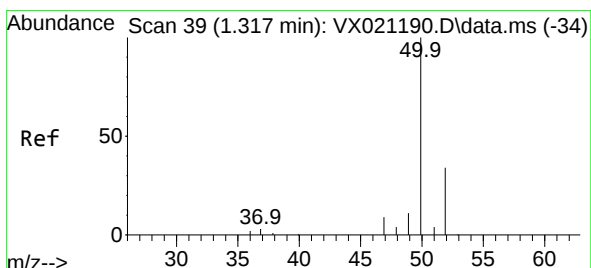
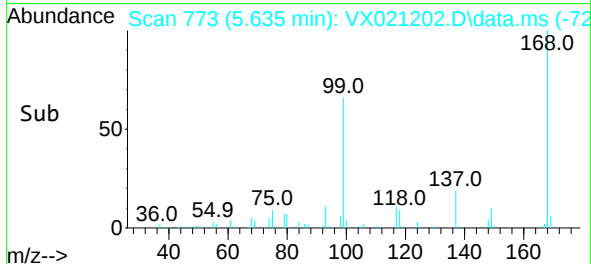
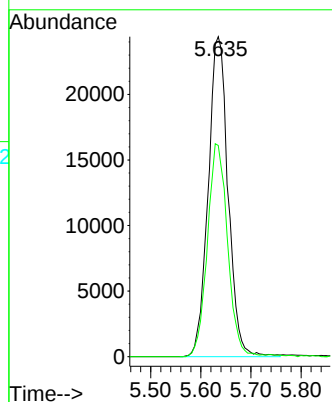
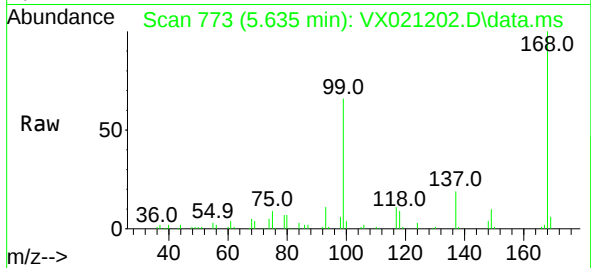




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

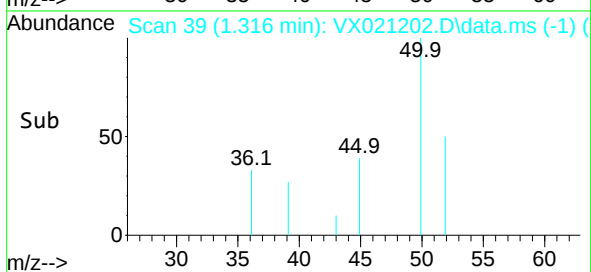
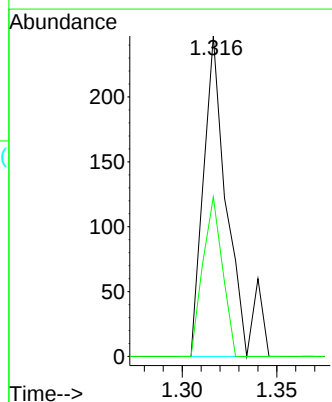
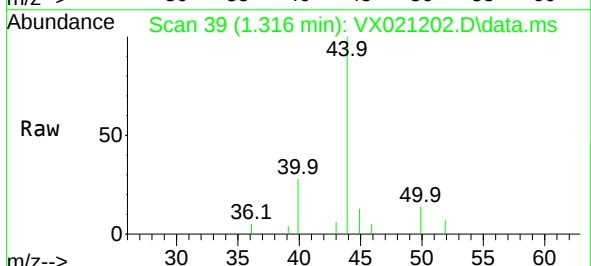
Instrument :
MSVOA_X
ClientSampled :

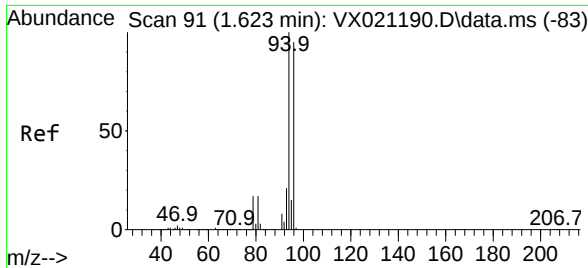
Tgt Ion:168 Resp: 67325
Ion Ratio Lower Upper
168 100
99 66.0 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

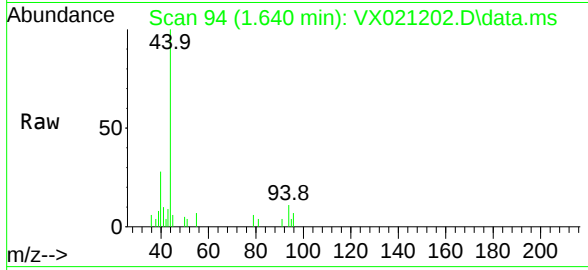
Tgt Ion: 50 Resp: 222
Ion Ratio Lower Upper
50 100
52 49.8 26.4 39.6#



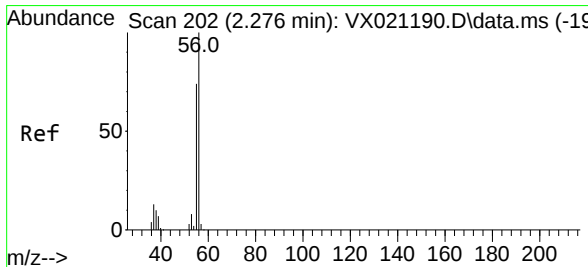
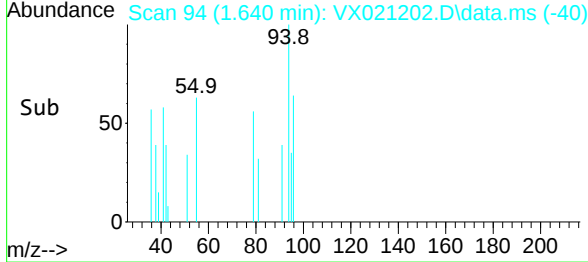
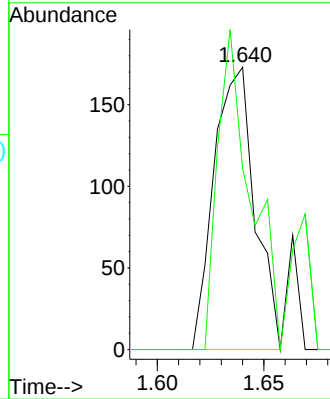


#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

Instrument :
MSVOA_X
ClientSampleId :

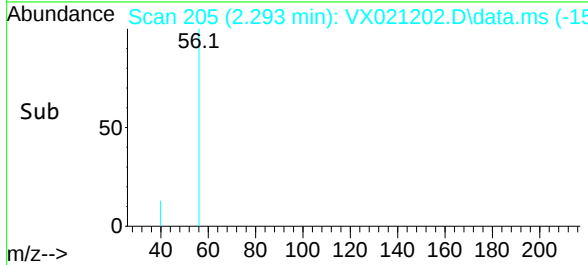
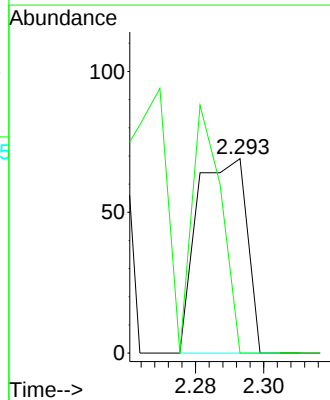
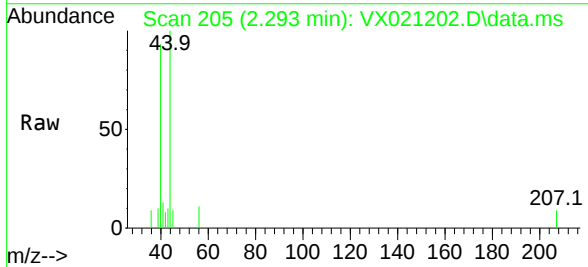


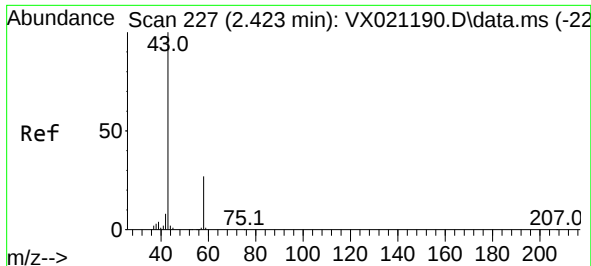
Tgt Ion: 94 Resp: 231
Ion Ratio Lower Upper
94 100
96 64.2 76.4 114.6#



#13
Acrolein
Concen: 0.57 ug/l
RT: 2.293 min Scan# 205
Delta R.T. 0.017 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

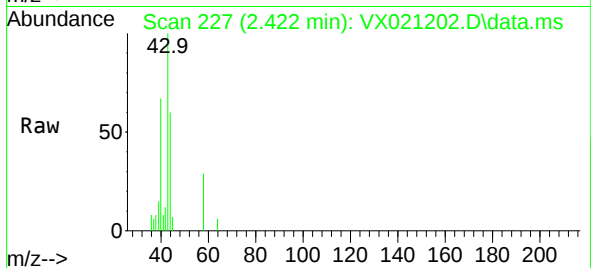
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 74.3 56.4 84.6



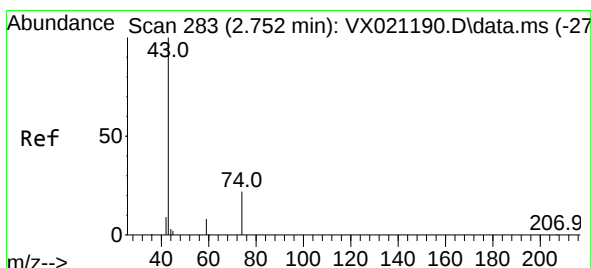
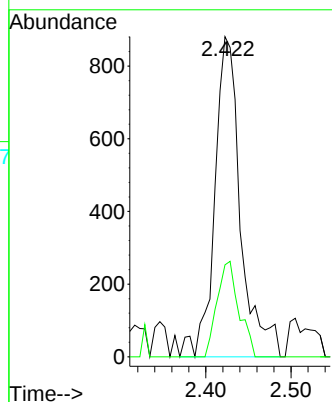
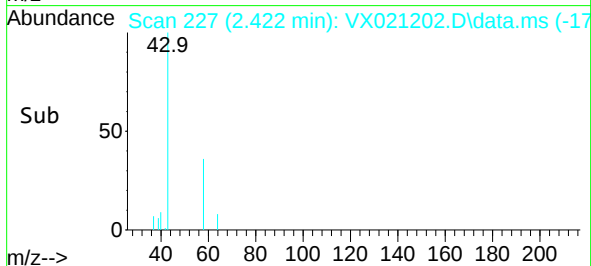


#16
Acetone
Concen: 4.04 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

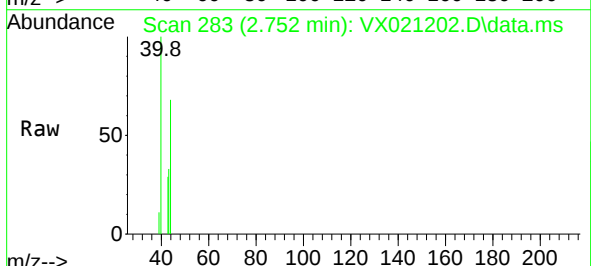
Instrument :
MSVOA_X
ClientSampled :



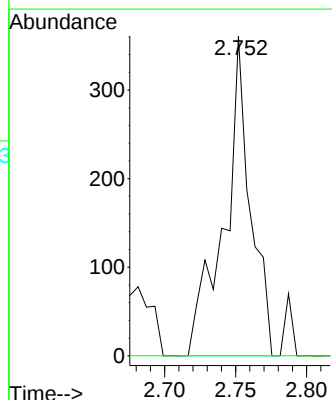
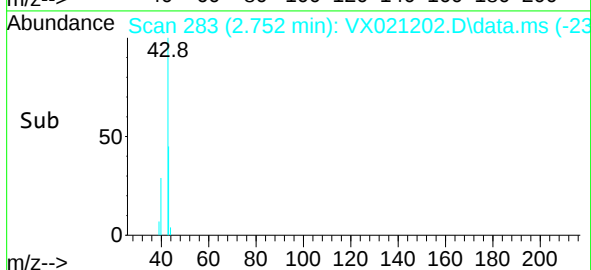
Tgt Ion: 43 Resp: 1865
Ion Ratio Lower Upper
43 100
58 28.7 27.8 41.8

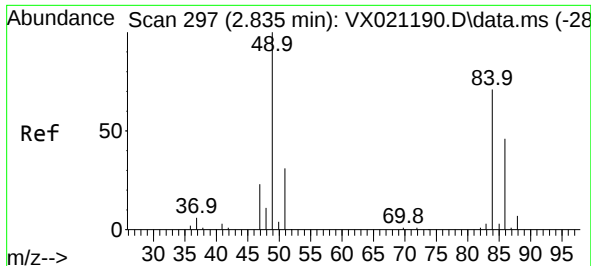


#18
Methyl Acetate
Concen: 0.41 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16



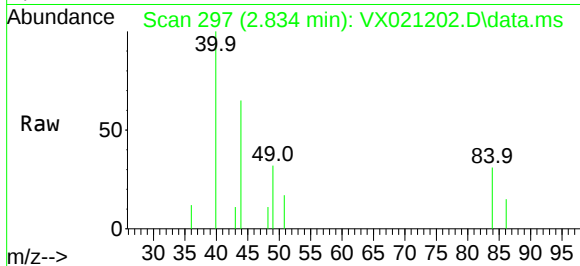
Tgt Ion: 43 Resp: 462
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





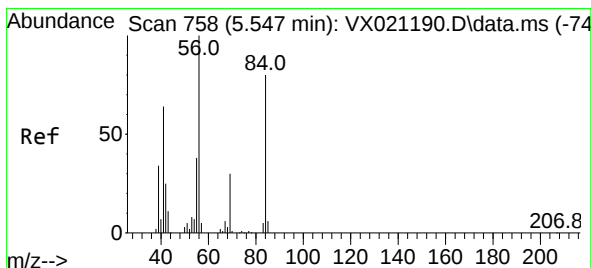
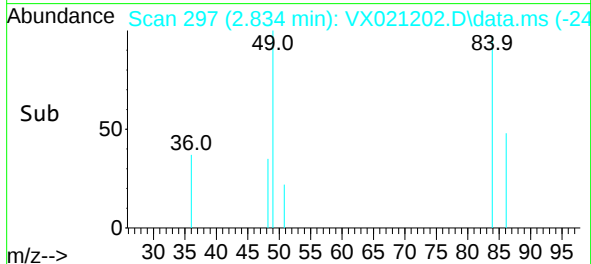
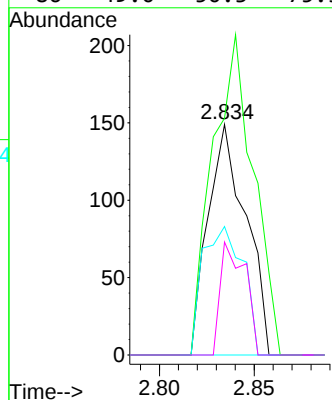
#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 207

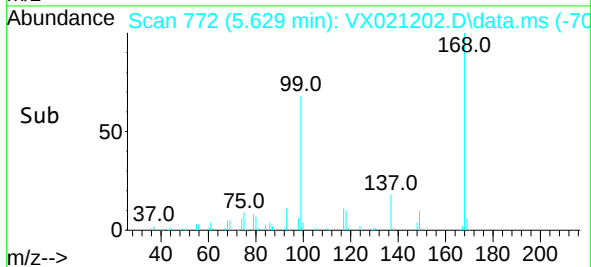
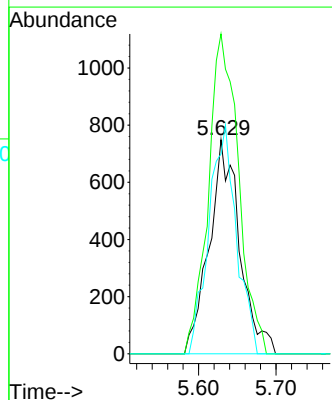
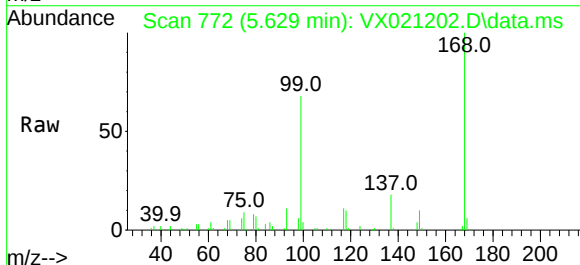
Ion	Ratio	Lower	Upper
84	100		
49	102.7	88.6	132.8
51	55.7	27.0	40.6#
86	49.0	50.3	75.5#

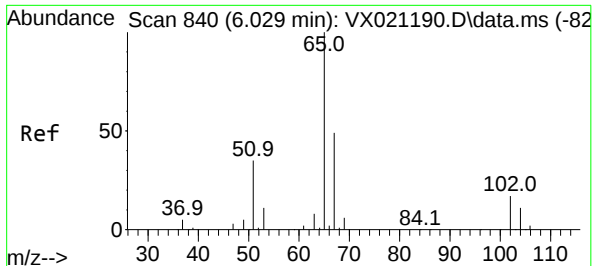


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

Tgt Ion: 56 Resp: 2055

Ion	Ratio	Lower	Upper
56	100		
69	149.4	25.3	37.9#
84	93.3	71.4	107.0

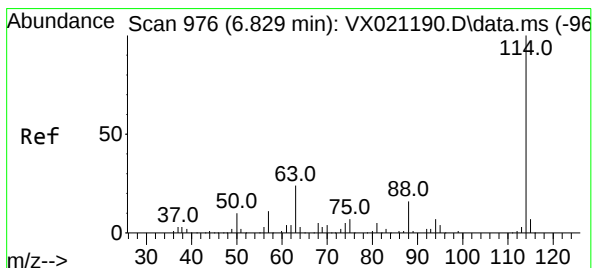
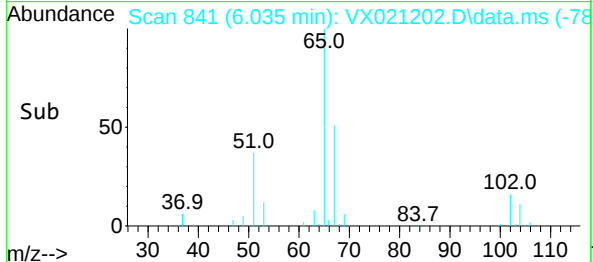
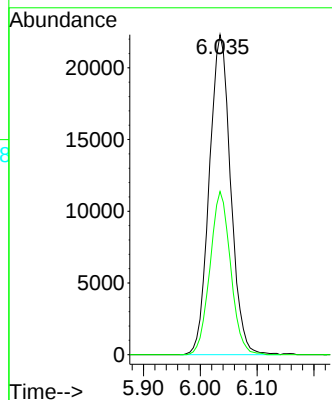
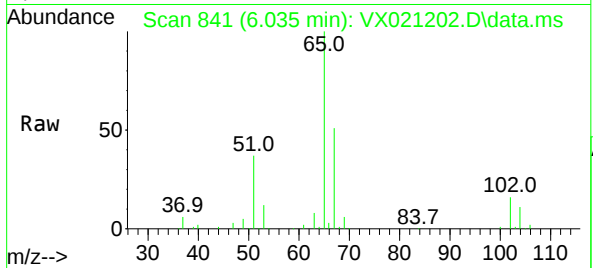




#33
 1,2-Dichloroethane-d4
 Concen: 50.59 ug/l
 RT: 6.035 min Scan# 841
 Delta R.T. 0.006 min
 Lab File: VX021202.D
 Acq: 15 Mar 2021 16:16

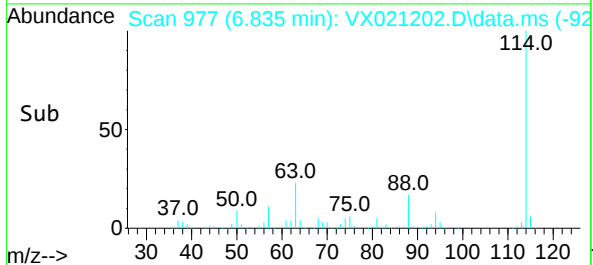
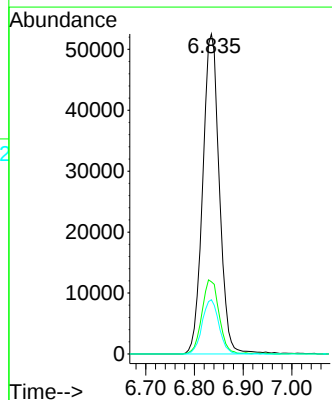
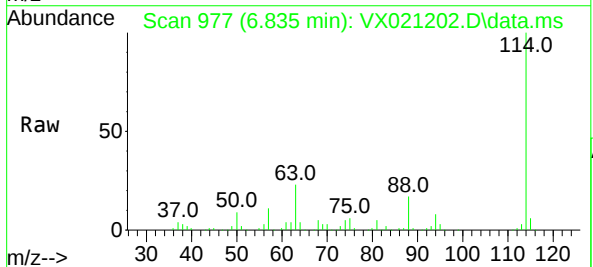
Instrument :
 MSVOA_X
 ClientSampled :

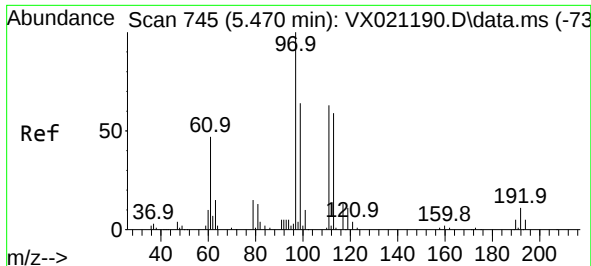
Tgt Ion: 65 Resp: 58080
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.835 min Scan# 977
 Delta R.T. 0.006 min
 Lab File: VX021202.D
 Acq: 15 Mar 2021 16:16

Tgt Ion: 114 Resp: 124434
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 40.8
 88 17.0 0.0 32.8

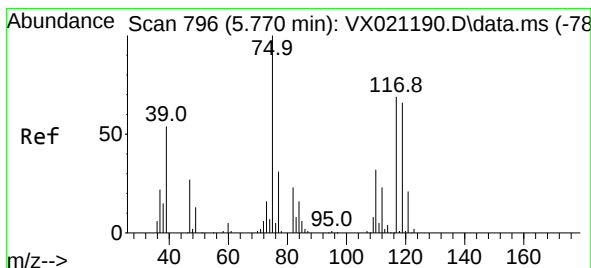
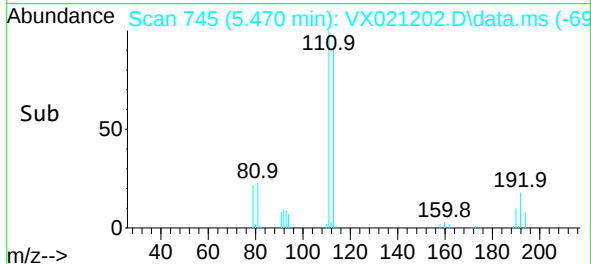
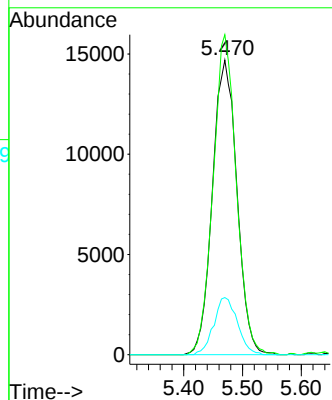
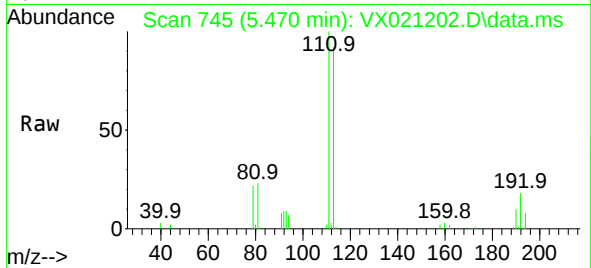




#35
Dibromofluoromethane
Concen: 49.78 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

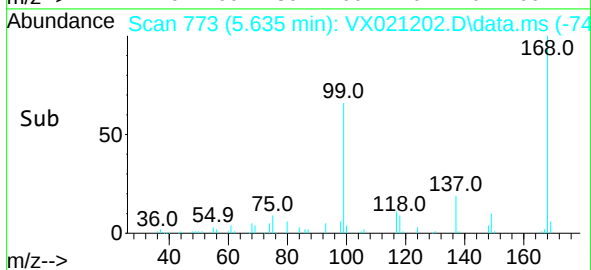
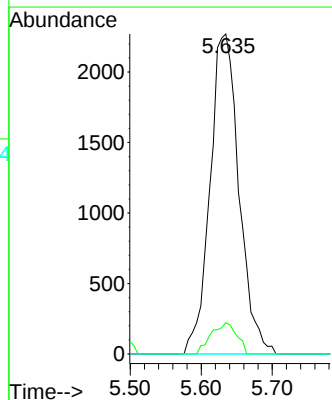
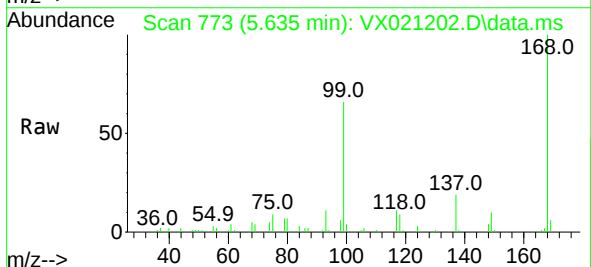
Instrument :
MSVOA_X
ClientSampled :

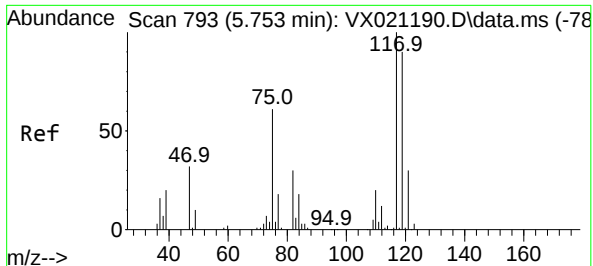
Tgt Ion:113 Resp: 42620
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 18.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.136 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

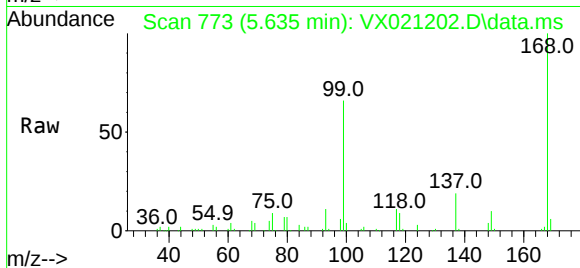
Tgt Ion: 75 Resp: 6443
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



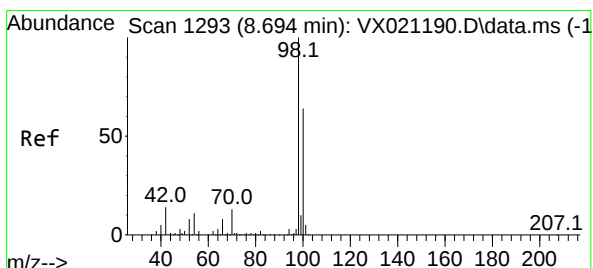
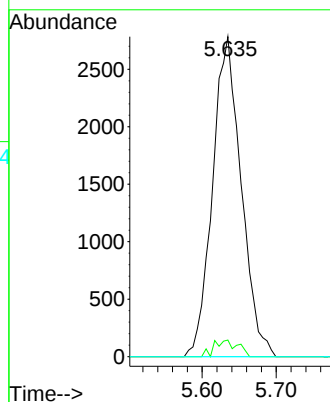
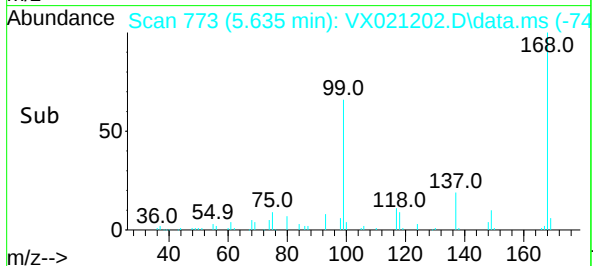


#38
Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

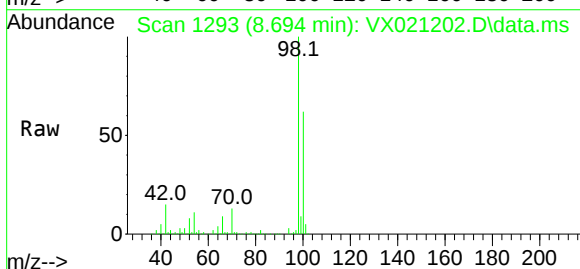
Instrument :
MSVOA_X
ClientSampled :



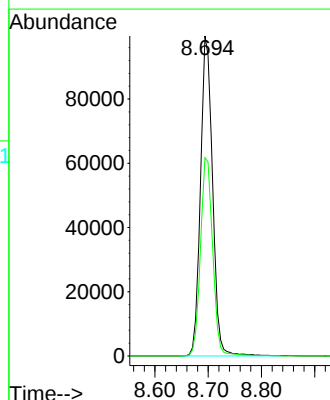
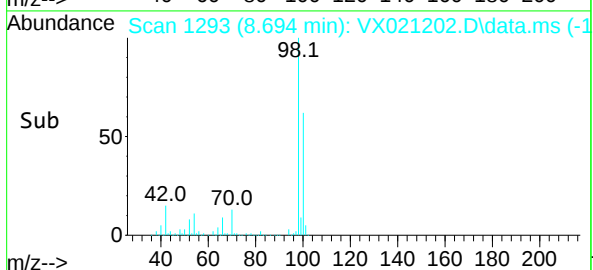
Tgt Ion:117 Resp: 7484
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

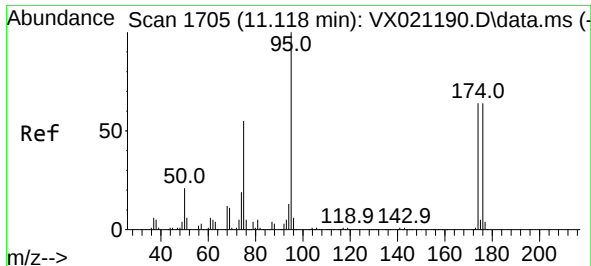


#50
Toluene-d8
Concen: 50.96 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16



Tgt Ion: 98 Resp: 156712
Ion Ratio Lower Upper
98 100
100 62.9 51.9 77.9

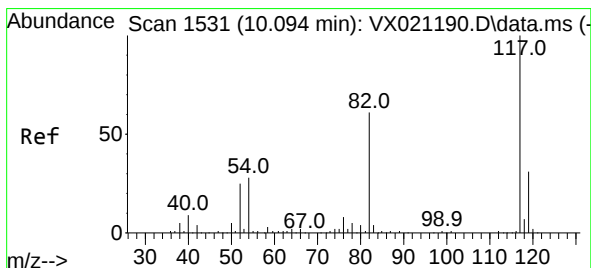
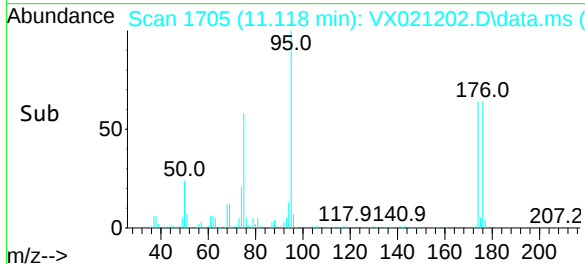
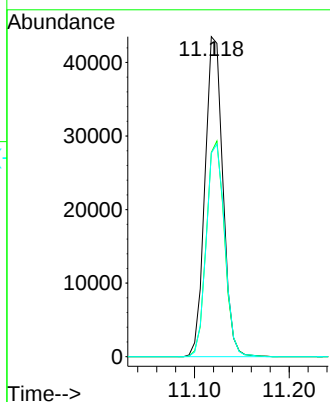
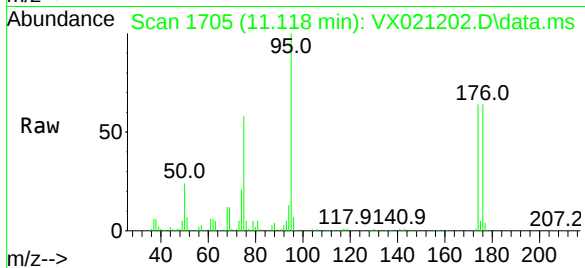




#62
4-Bromofluorobenzene
Concen: 48.86 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

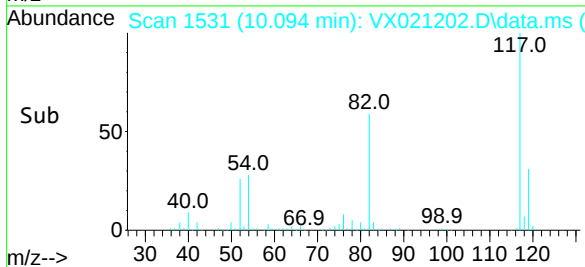
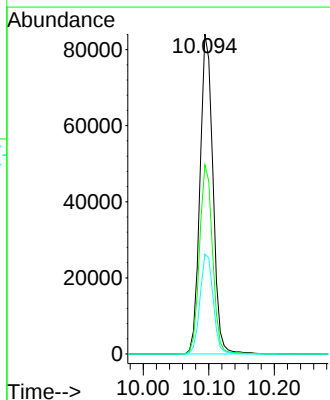
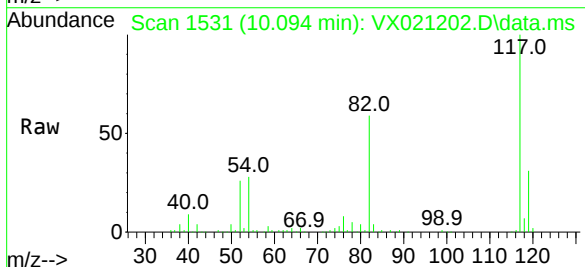
Instrument :
MSVOA_X
ClientSampleId :

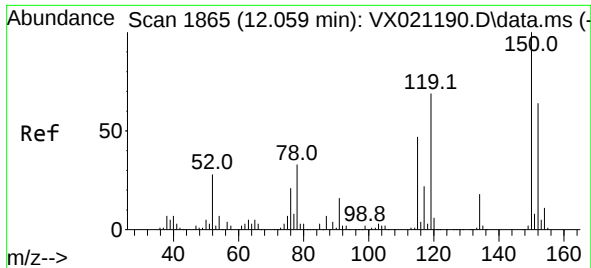
Tgt Ion: 95 Resp: 57262
Ion Ratio Lower Upper
95 100
174 68.1 0.0 154.6
176 68.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

Tgt Ion: 117 Resp: 115807
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.2 26.6 39.8

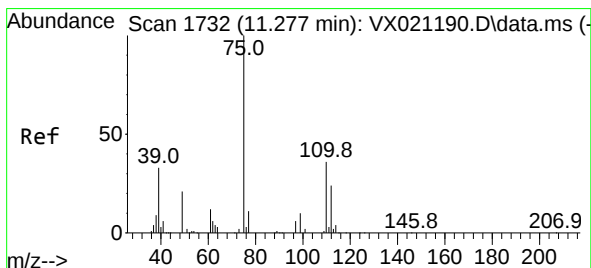
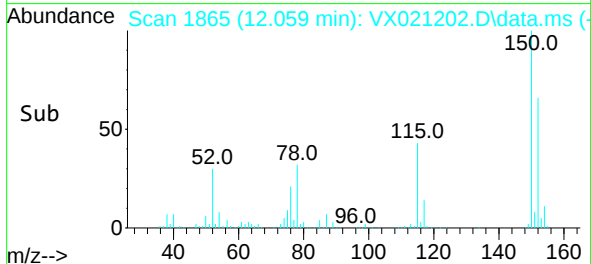
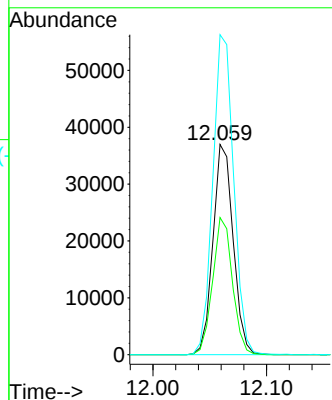
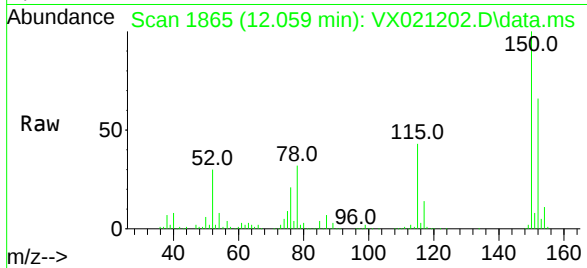




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

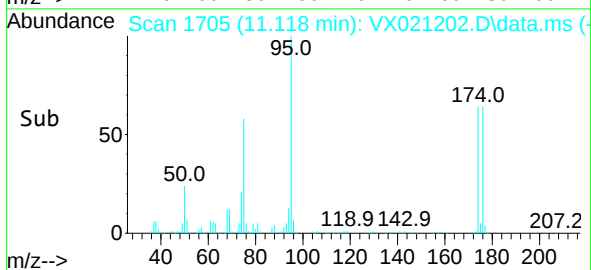
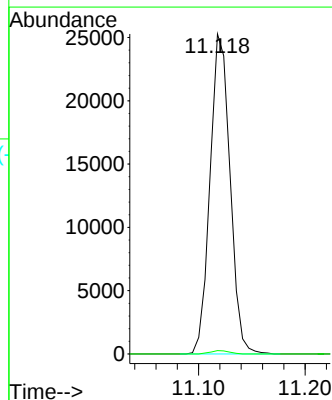
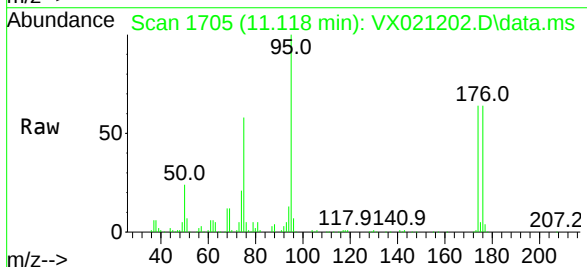
Instrument :
MSVOA_X
ClientSampled :

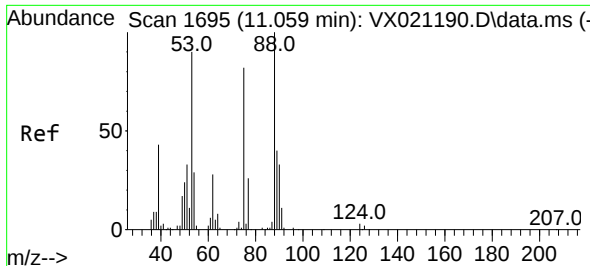
Tgt Ion:152 Resp: 45711
Ion Ratio Lower Upper
152 100
115 63.9 41.1 123.3
150 157.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

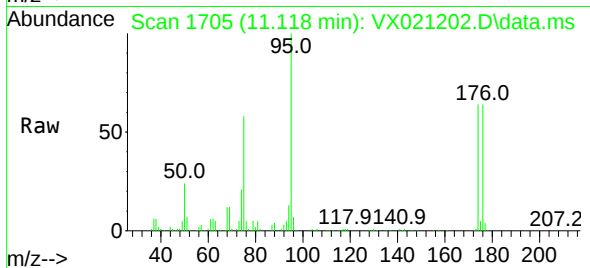
Tgt Ion: 75 Resp: 32953
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



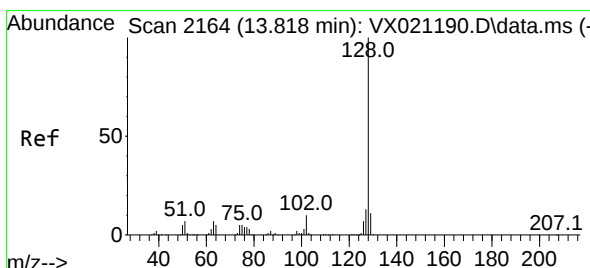
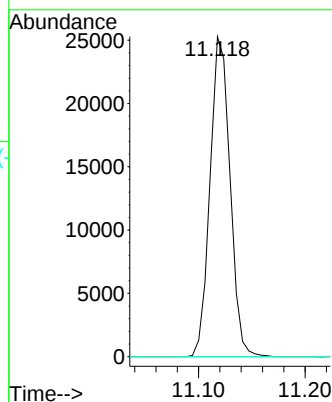
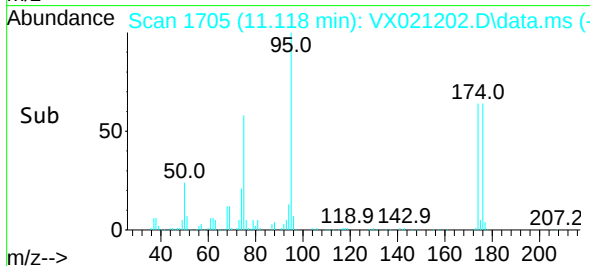


#81
trans-1,4-Dichloro-2-butene
Concen: 82.52 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16

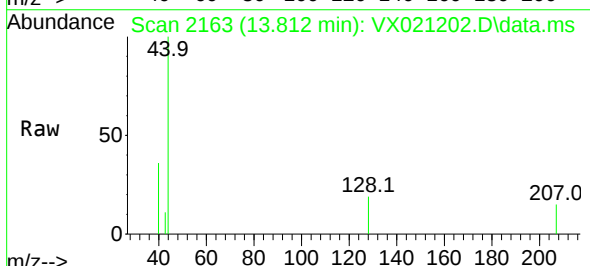
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 32953
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.49 ug/l
RT: 13.812 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VX021202.D
Acq: 15 Mar 2021 16:16



Tgt Ion: 128 Resp: 80
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

