

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
 Data File : VX021126.D
 Acq On : 10 Mar 2021 10:58
 Operator : JC/MD
 Sample : VX0310WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 02:08:56 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	212134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	391340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	386324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	174669	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	140553	49.05	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.10%
35) Dibromofluoromethane	5.464	113	124383	52.31	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.62%
50) Toluene-d8	8.694	98	489910	52.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.68%
62) 4-Bromofluorobenzene	11.118	95	186470	54.40	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.80%

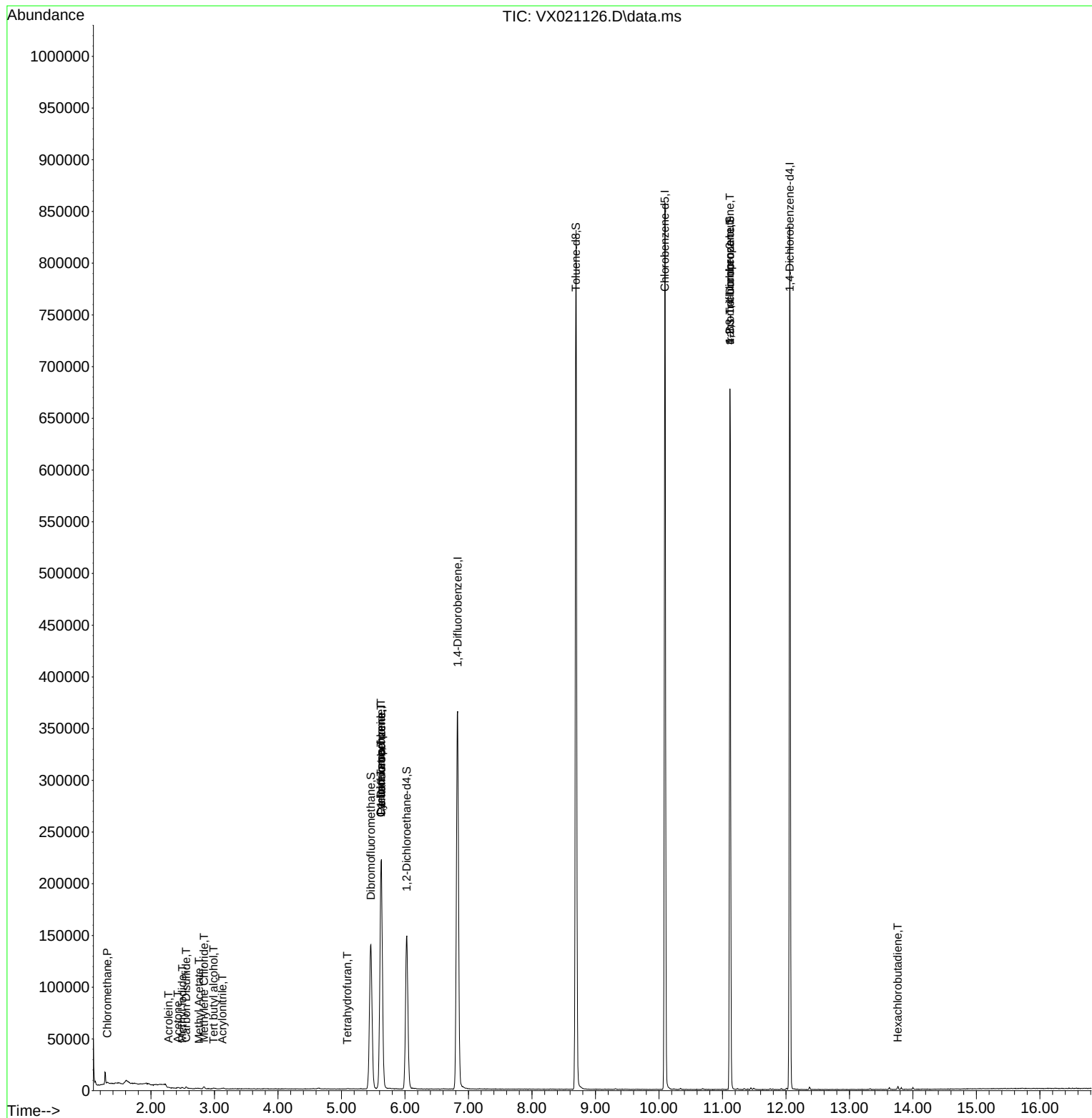
Target Compounds						Qvalue
3) Chloromethane	1.310	50	590	0.23	ug/l	93
5) Bromomethane	1.646	94	666	Below Cal	#	79
10) Methyl Iodide	2.493	142	886	0.29	ug/l #	93
11) Tert butyl alcohol	2.987	59	387	0.61	ug/l #	73
13) Acrolein	2.275	56	234	0.59	ug/l #	71
15) Acrylonitrile	3.122	53	388	0.28	ug/l	93
16) Acetone	2.422	43	1106	0.94	ug/l	97
17) Carbon Disulfide	2.552	76	1682	0.25	ug/l #	91
18) Methyl Acetate	2.758	43	672	0.24	ug/l #	69
20) Methylene Chloride	2.834	84	877	0.31	ug/l	98
29) Tetrahydrofuran	5.093	42	356	0.31	ug/l #	44
31) Cyclohexane	5.623	56	4123	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	16530	4.44	ug/l #	48
38) Carbon Tetrachloride	5.623	117	20468	5.68	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	89280	23.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	89280	52.60	ug/l #	12
94) Hexachlorobutadiene	13.759	225	433	0.30	ug/l	91

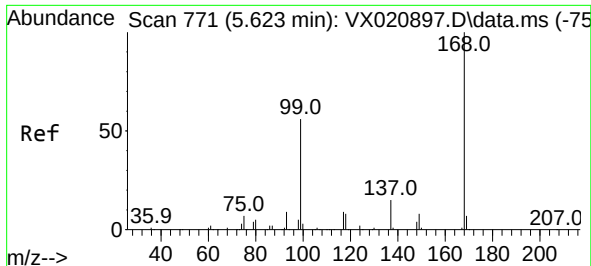
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
Data File : VX021126.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 11 02:08:56 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

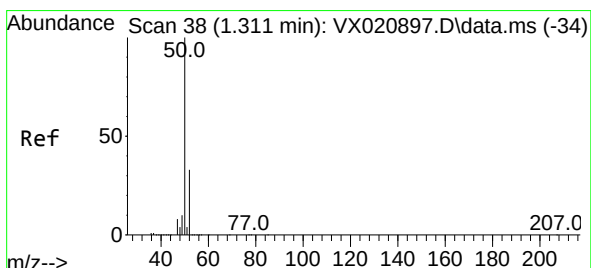
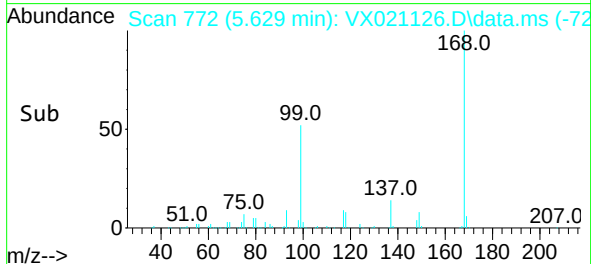
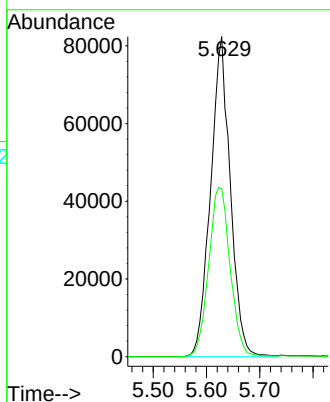
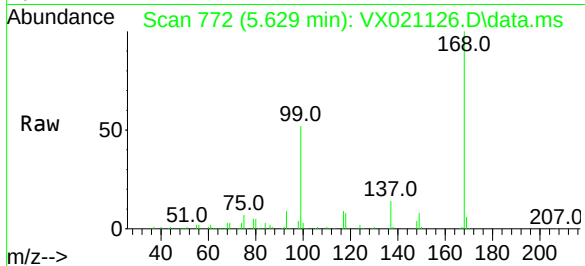




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

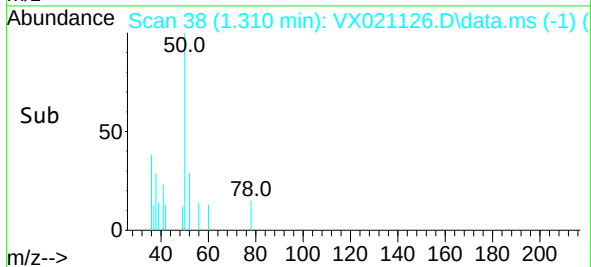
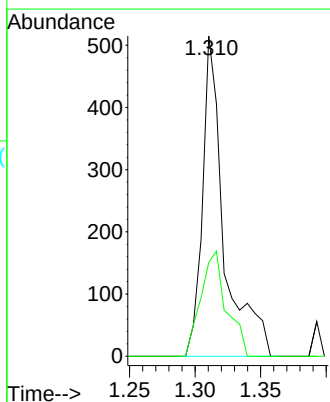
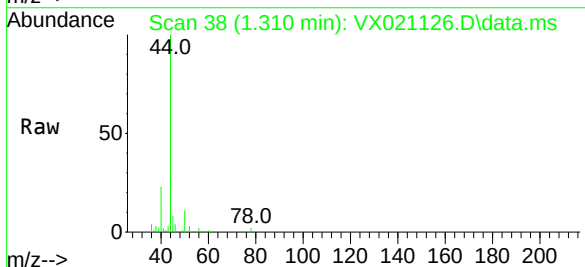
Instrument :
MSVOA_X
ClientSampled :

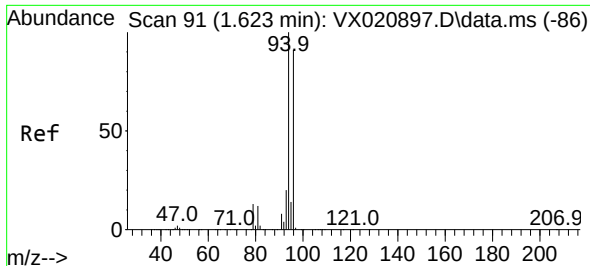
Tgt Ion:168 Resp: 212134
Ion Ratio Lower Upper
168 100
99 52.5 45.8 68.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.310 min Scan# 38
Delta R.T. -0.000 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

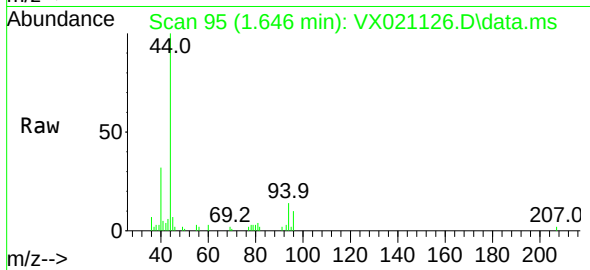
Tgt Ion: 50 Resp: 590
Ion Ratio Lower Upper
50 100
52 29.3 26.4 39.6



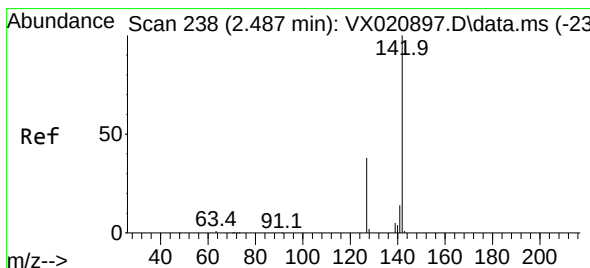
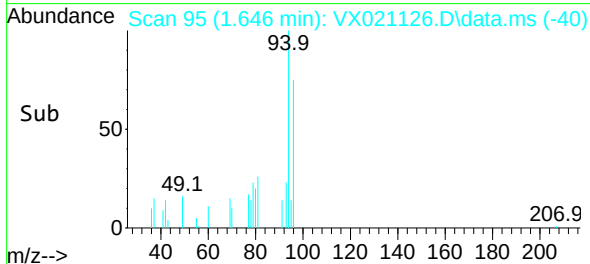
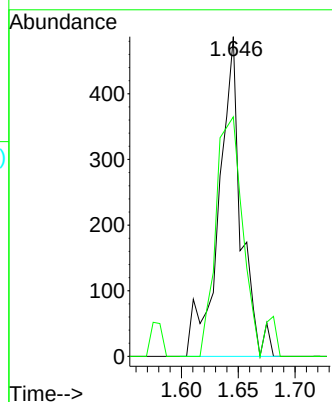


#5
Bromomethane
Concen: Below Cal
RT: 1.646 min Scan# 95
Delta R.T. 0.023 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

Instrument :
MSVOA_X
ClientSampled :

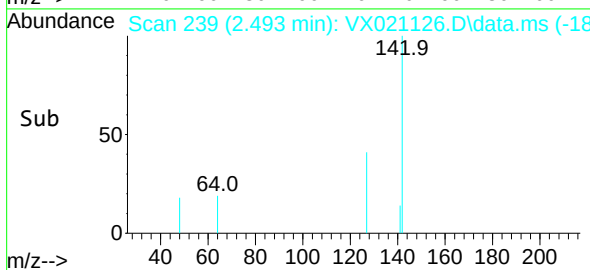
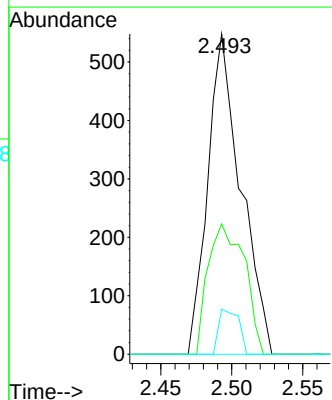
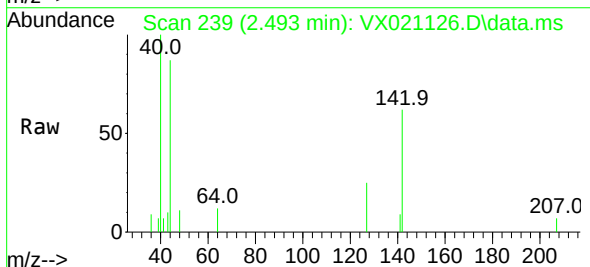


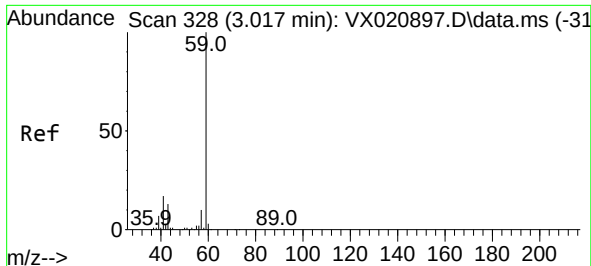
Tgt Ion: 94 Resp: 666
Ion Ratio Lower Upper
94 100
96 74.9 76.4 114.6#



#10
Methyl Iodide
Concen: 0.29 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.005 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

Tgt Ion: 142 Resp: 886
Ion Ratio Lower Upper
142 100
127 44.8 33.3 49.9
141 8.5 11.4 17.0#

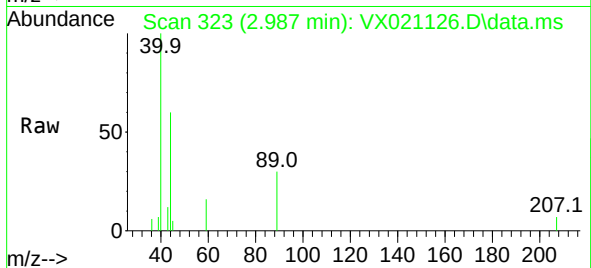




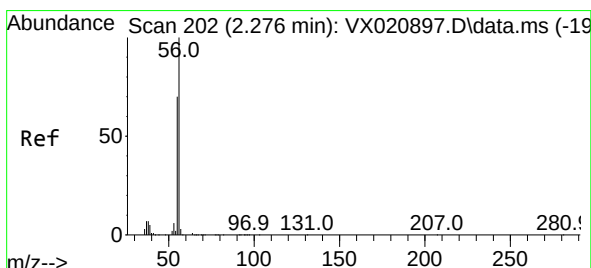
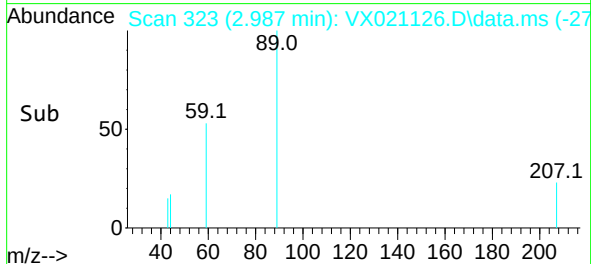
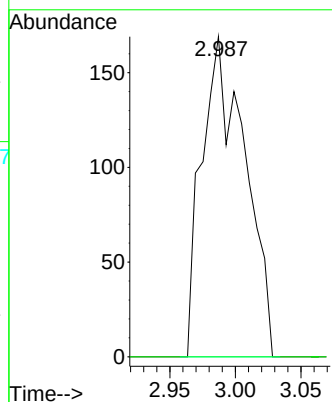
#11

Tert butyl alcohol
Concen: 0.61 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

Instrument :
MSVOA_X
ClientSampled :



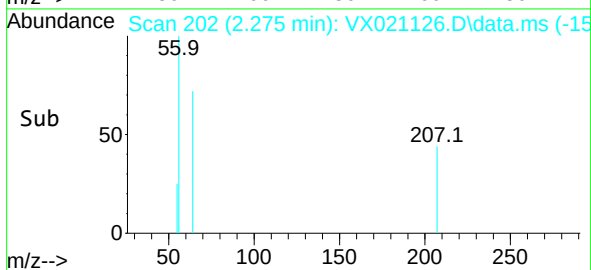
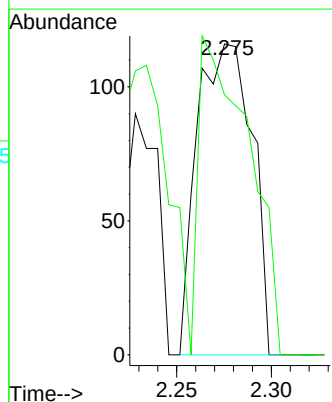
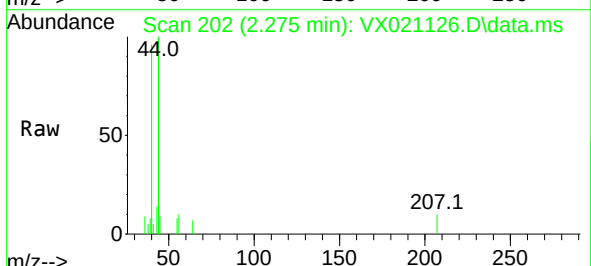
Tgt Ion: 59 Resp: 387
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

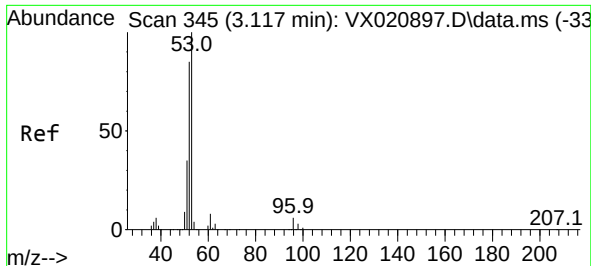


#13

Acrolein
Concen: 0.59 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

Tgt Ion: 56 Resp: 234
Ion Ratio Lower Upper
56 100
55 94.0 56.4 84.6#

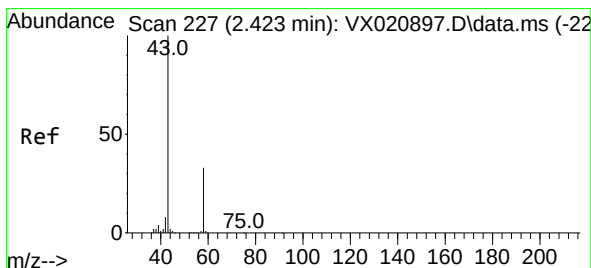
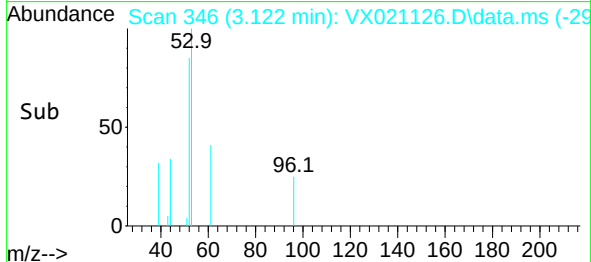
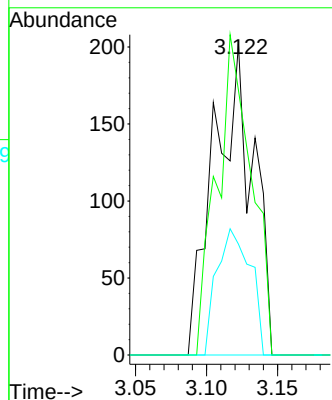
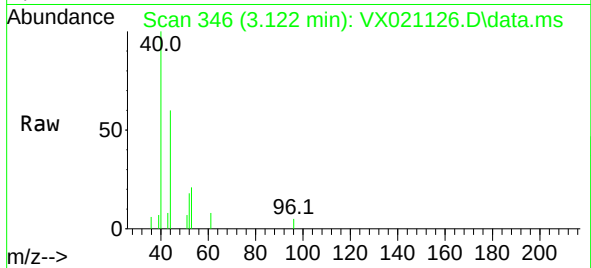




#15
Acrylonitrile
Concen: 0.28 ug/l
RT: 3.122 min Scan# 346
Delta R.T. 0.005 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

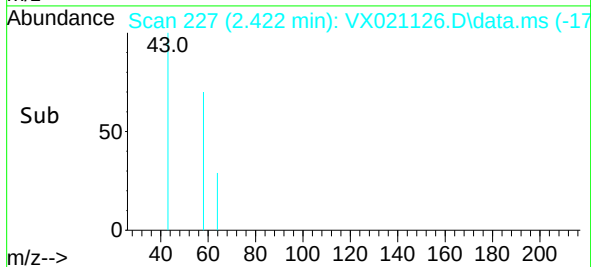
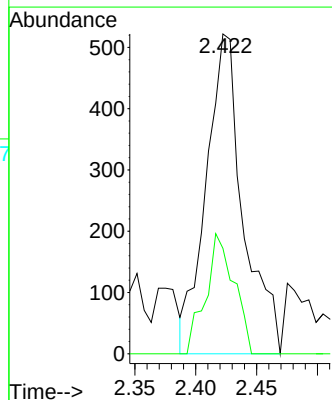
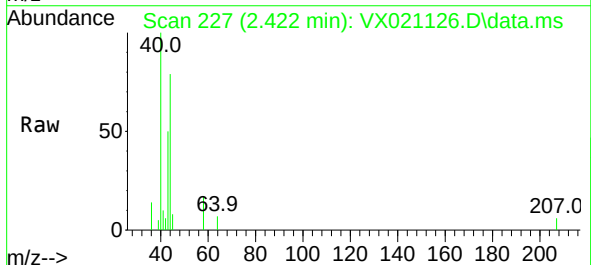
Instrument :
MSVOA_X
ClientSampled :

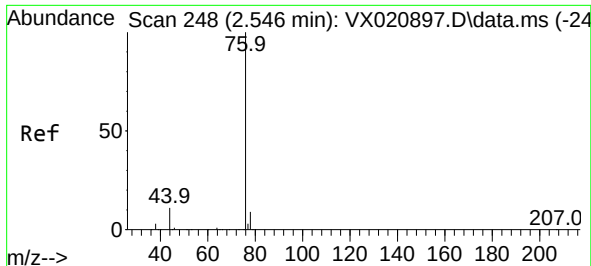
Tgt Ion: 53 Resp: 388
Ion Ratio Lower Upper
53 100
52 90.7 65.3 97.9
51 34.8 28.2 42.2



#16
Acetone
Concen: 0.94 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

Tgt Ion: 43 Resp: 1106
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8

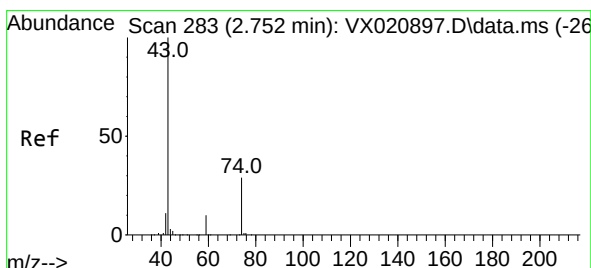
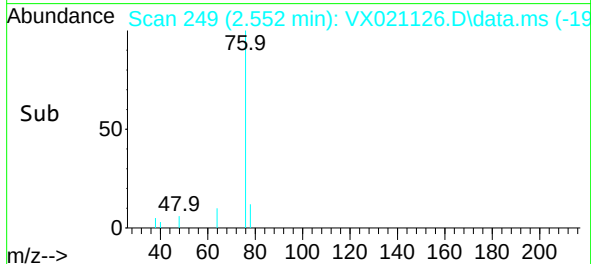
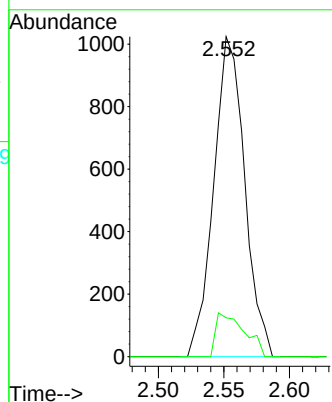
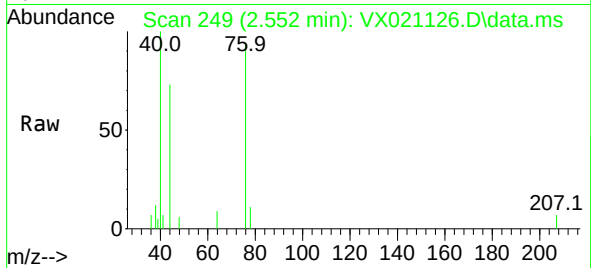




#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.005 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

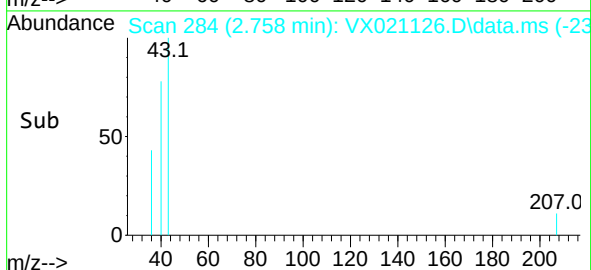
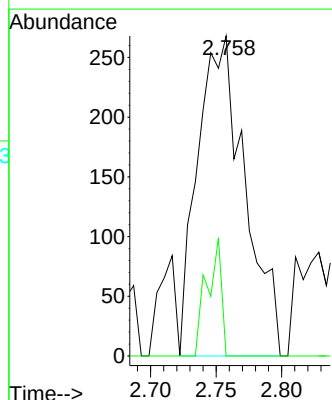
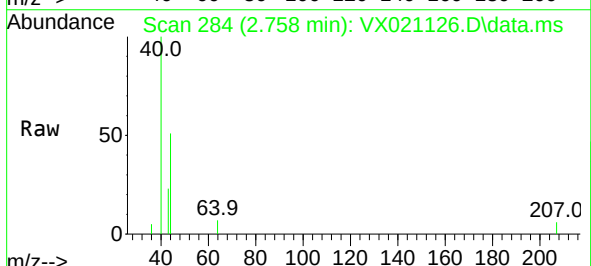
Instrument :
MSVOA_X
ClientSampled :

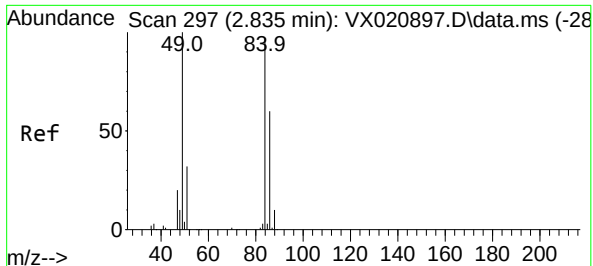
Tgt Ion: 76 Resp: 1682
Ion Ratio Lower Upper
76 100
78 12.1 7.2 10.8#



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.005 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

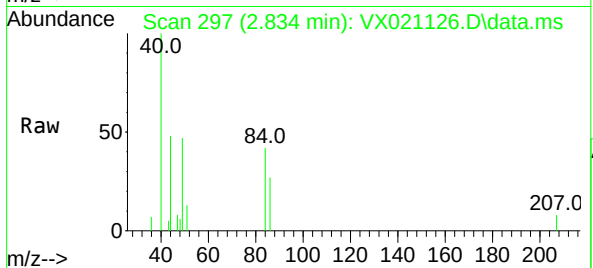
Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
74 11.5 21.9 32.9#





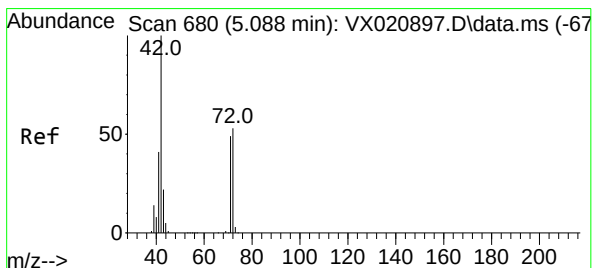
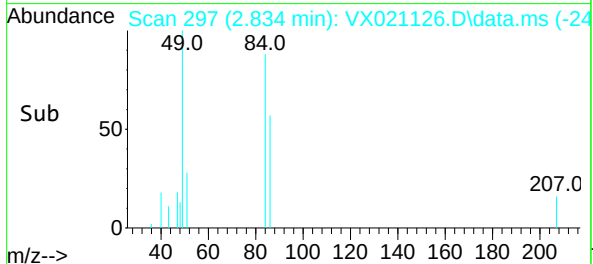
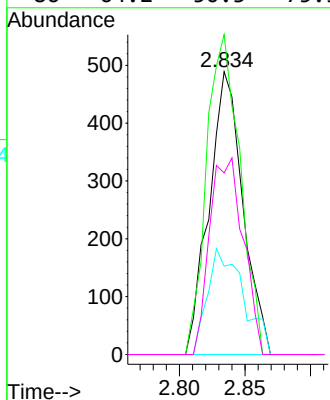
#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 877

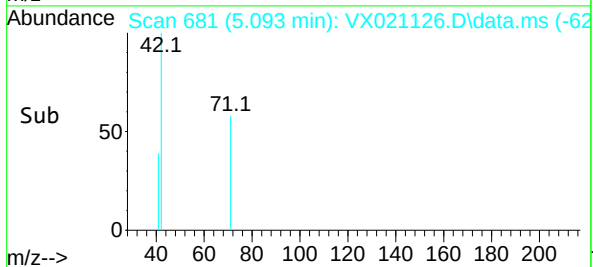
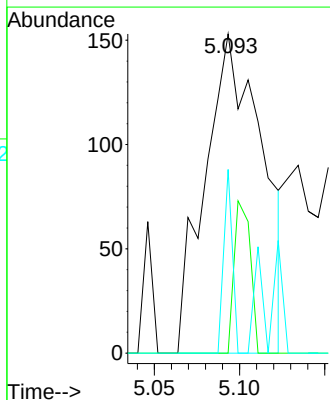
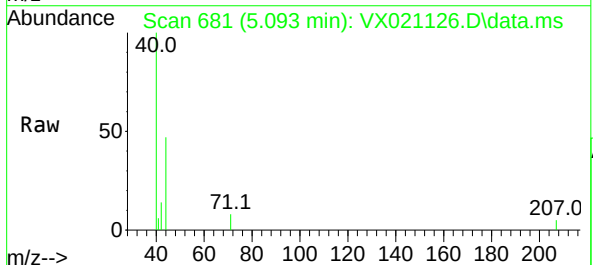
Ion	Ratio	Lower	Upper
84	100		
49	113.1	88.6	132.8
51	31.3	27.0	40.6
86	64.2	50.3	75.5

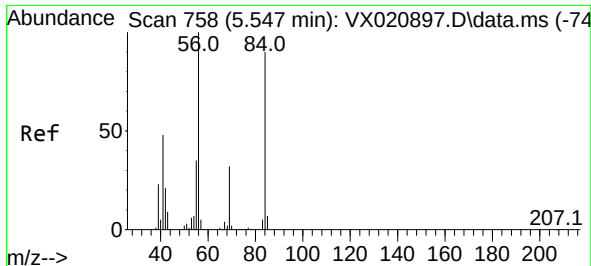


#29
Tetrahydrofuran
Concen: 0.31 ug/l
RT: 5.093 min Scan# 681
Delta R.T. 0.005 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

Tgt Ion: 42 Resp: 356

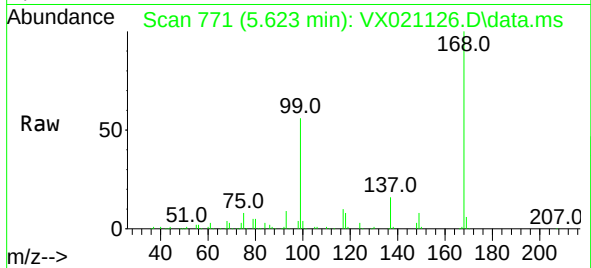
Ion	Ratio	Lower	Upper
42	100		
72	13.5	41.7	62.5#
71	8.7	38.4	57.6#



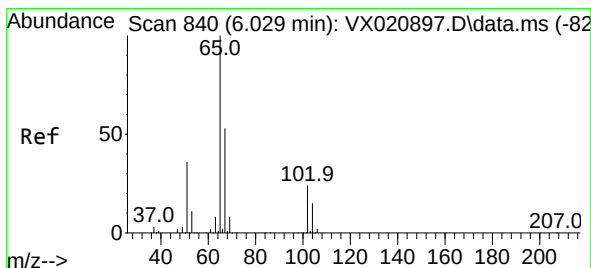
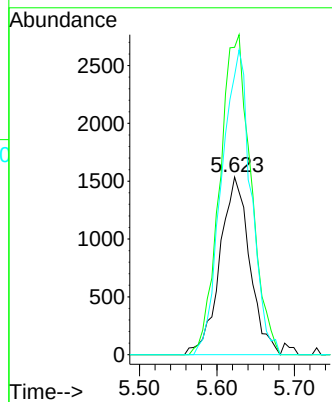
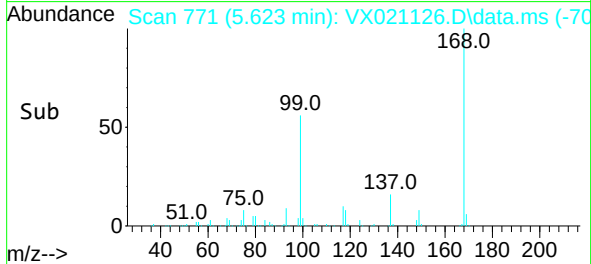


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

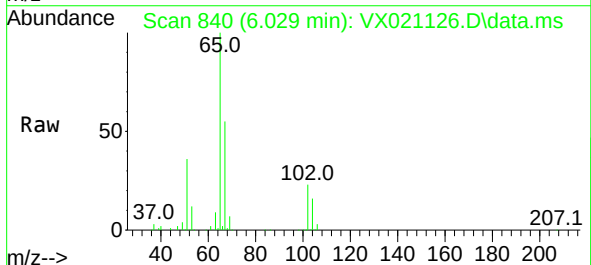
Instrument :
MSVOA_X
ClientSampled :



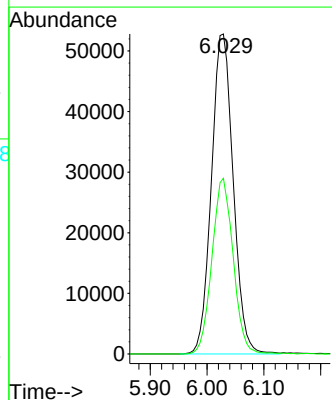
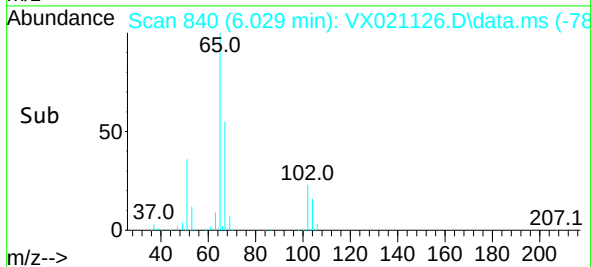
Tgt Ion: 56 Resp: 4123
Ion Ratio Lower Upper
56 100
69 173.0 25.3 37.9#
84 157.2 71.4 107.0#

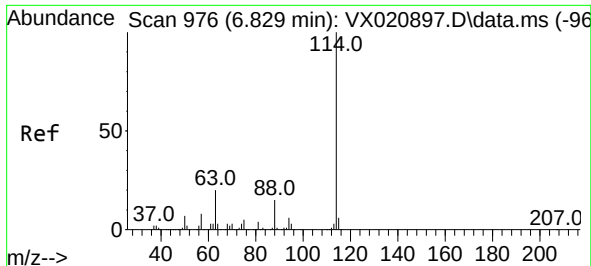


#33
1,2-Dichloroethane-d4
Concen: 49.05 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58



Tgt Ion: 65 Resp: 140553
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

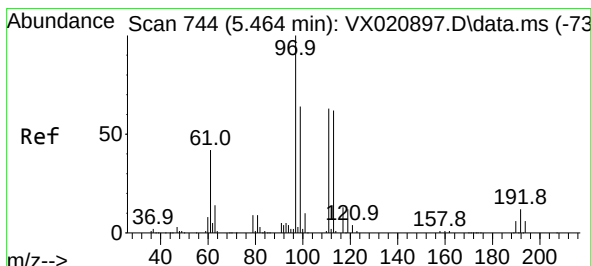
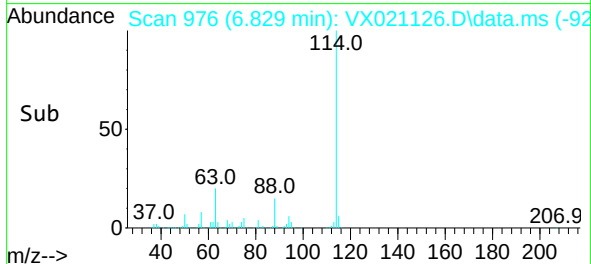
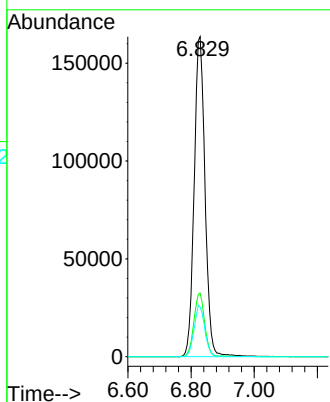
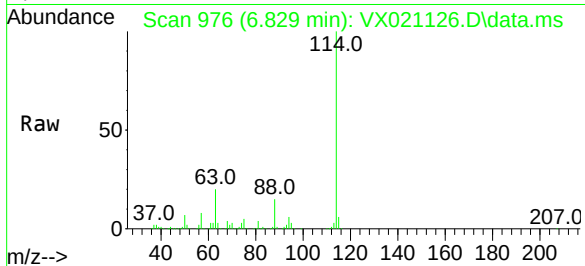




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

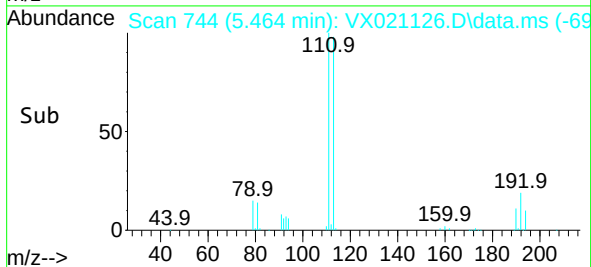
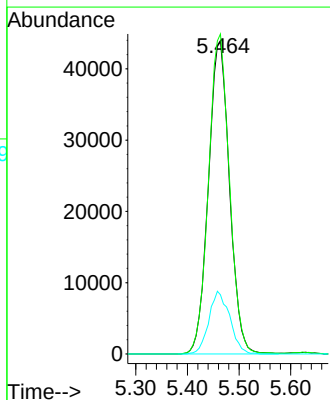
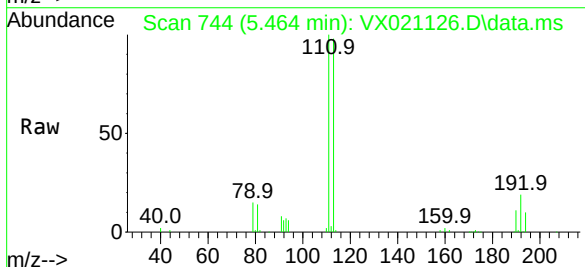
Instrument :
MSVOA_X
ClientSampleId :

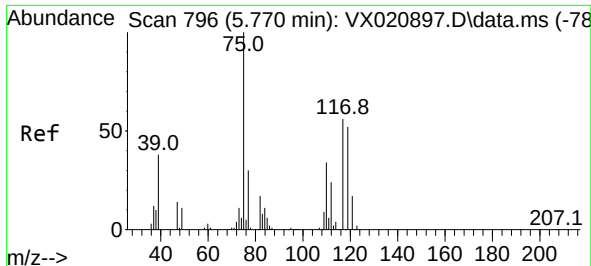
Tgt Ion:114 Resp: 391340
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.31 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

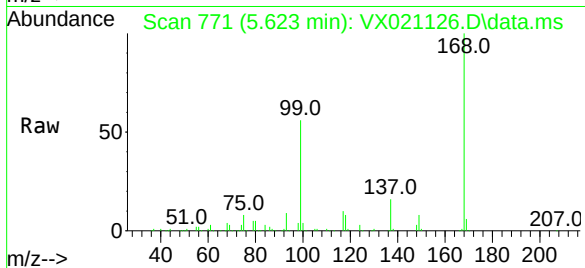
Tgt Ion:113 Resp: 124383
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.9 16.7 25.1



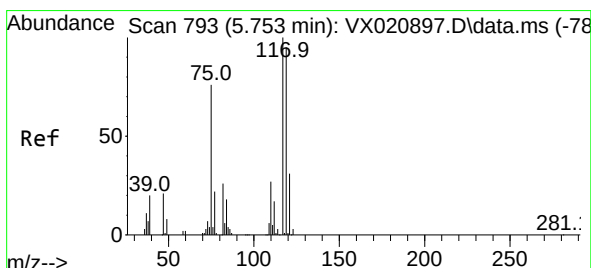
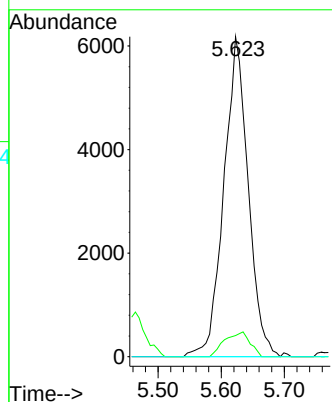
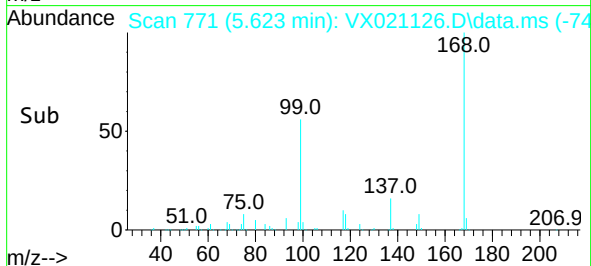


#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

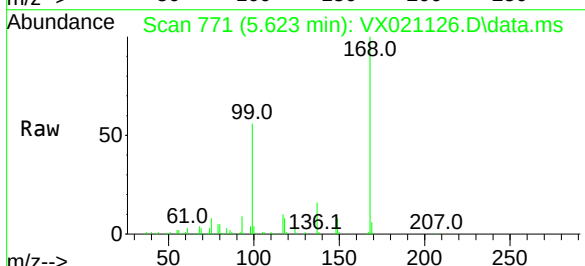
Instrument :
MSVOA_X
ClientSampled :



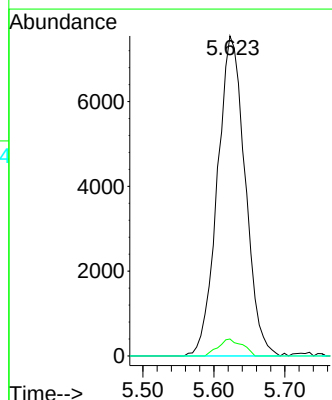
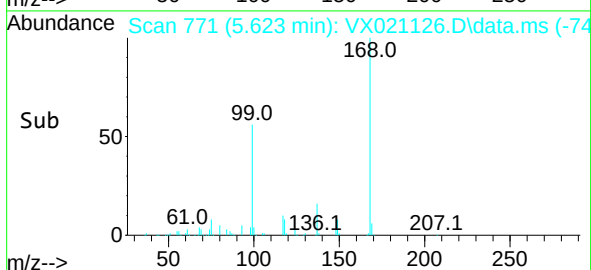
Tgt Ion: 75 Resp: 16530
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#

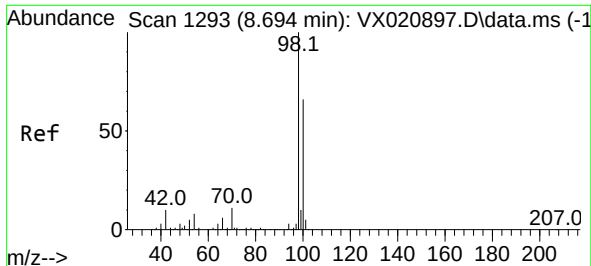


#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58



Tgt Ion: 117 Resp: 20468
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

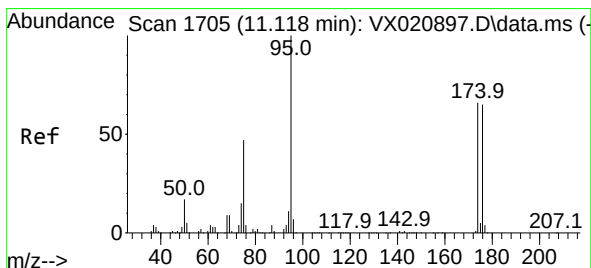
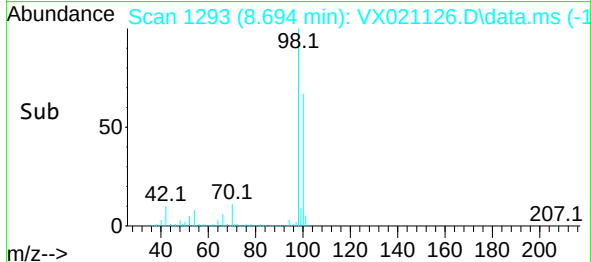
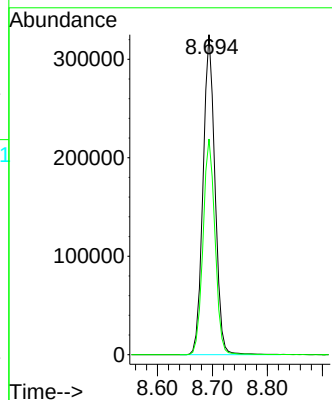
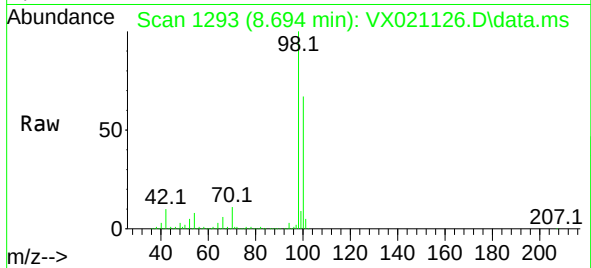




#50
Toluene-d8
Concen: 52.84 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

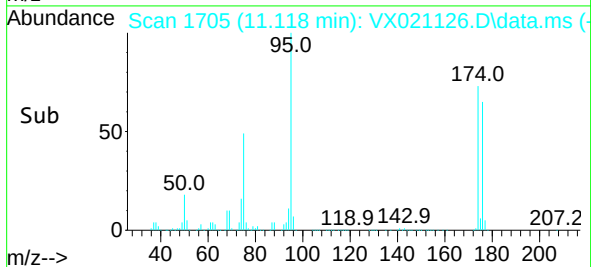
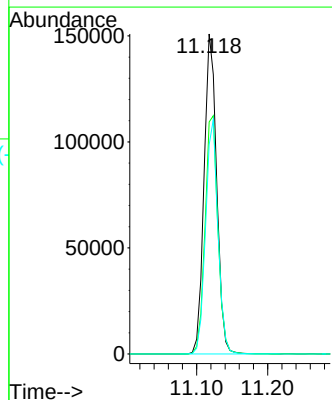
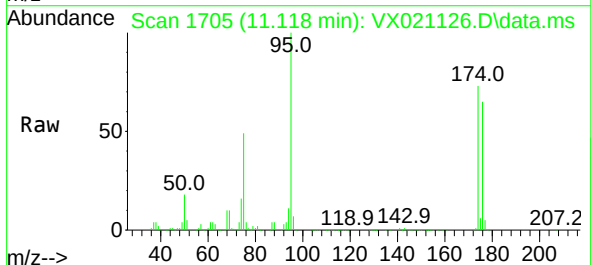
Instrument :
MSVOA_X
ClientSampled :

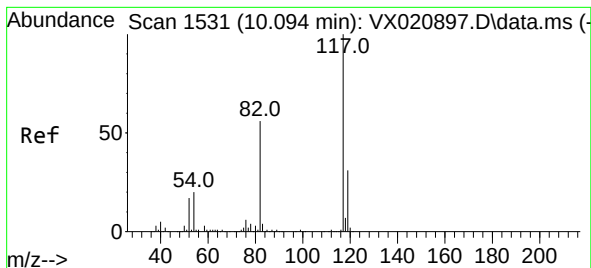
Tgt Ion: 98 Resp: 489910
Ion Ratio Lower Upper
98 100
100 67.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.40 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

Tgt Ion: 95 Resp: 186470
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 71.9 0.0 155.8

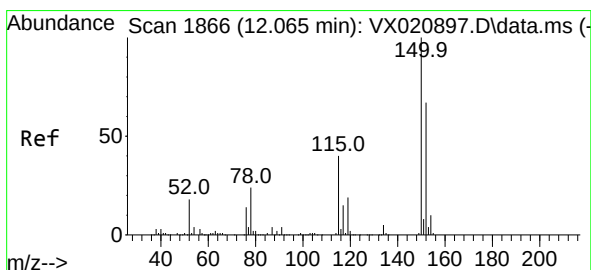
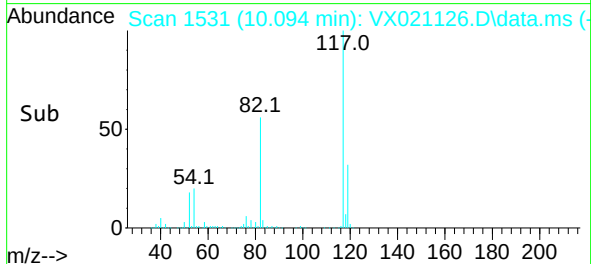
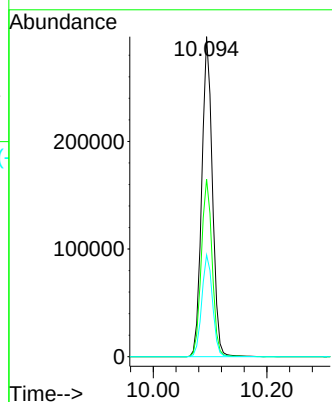
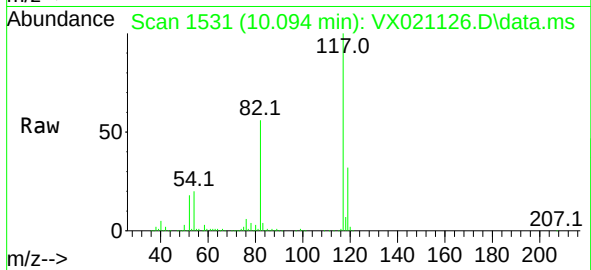




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

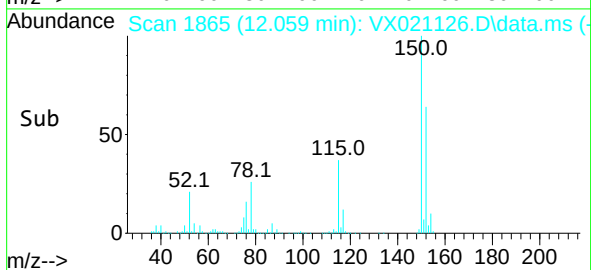
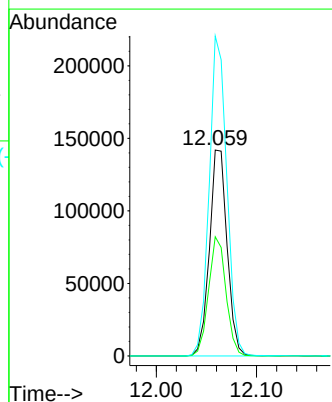
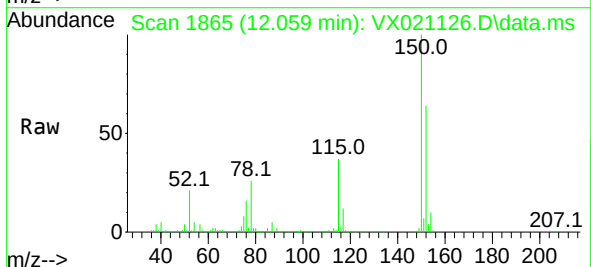
Instrument :
MSVOA_X
ClientSampled :

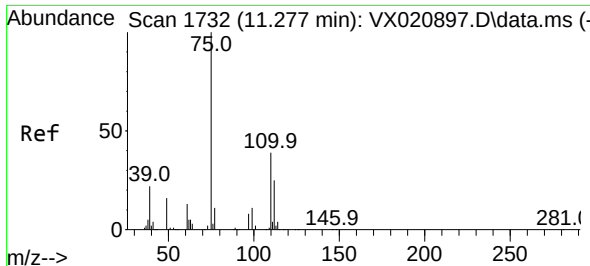
Tgt Ion:117 Resp: 386324
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

Tgt Ion:152 Resp: 174669
Ion Ratio Lower Upper
152 100
115 56.9 41.1 123.3
150 154.4 0.0 349.0

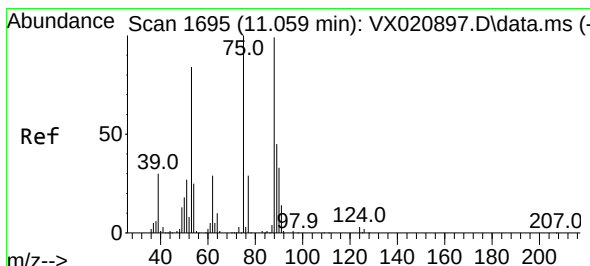
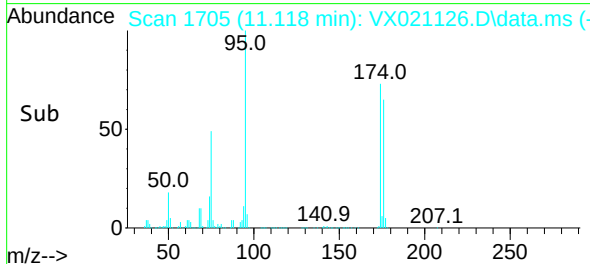
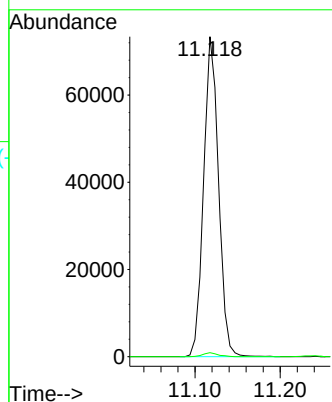
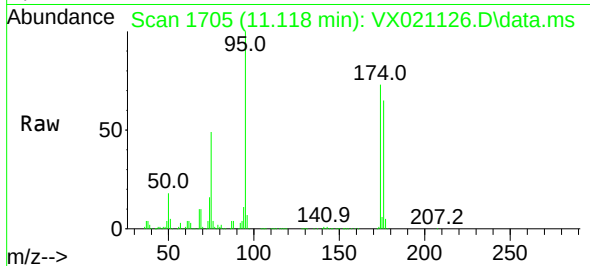




#76
1,2,3-Trichloropropane
Concen: 23.76 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

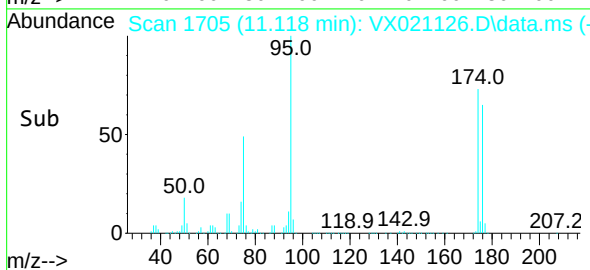
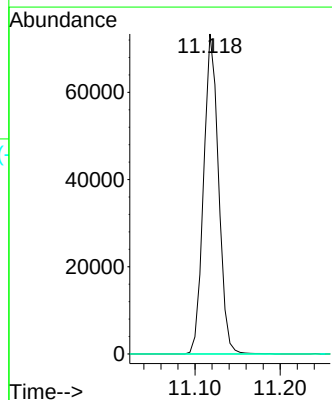
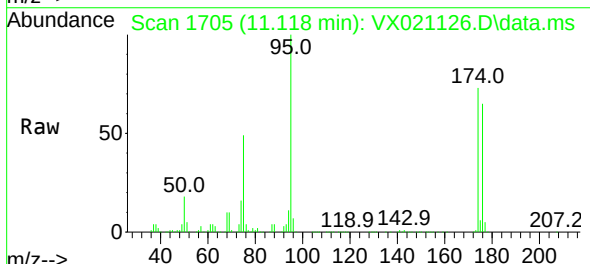
Instrument :
MSVOA_X
ClientSampled :

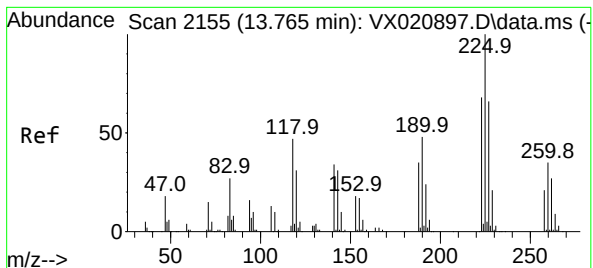
Tgt Ion: 75 Resp: 89280
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.60 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.058 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

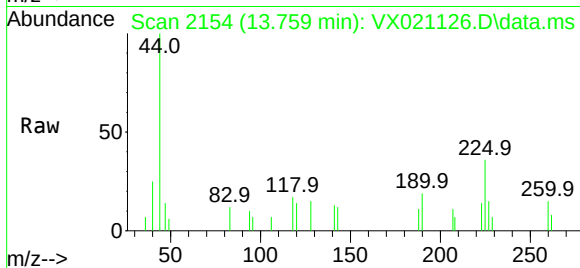
Tgt Ion: 75 Resp: 89280
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
Hexachlorobutadiene
Concen: 0.30 ug/l
RT: 13.759 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VX021126.D
Acq: 10 Mar 2021 10:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	225	Resp:	433
Ion	Ratio	Lower	Upper
225	100		
223	53.8	31.1	93.2
227	57.5	31.6	95.0

