

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021065.D
 Acq On : 08 Mar 2021 16:44
 Operator : JC/MD
 Sample : M1596-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5T-20210305

Quant Time: Mar 09 01:07:12 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)

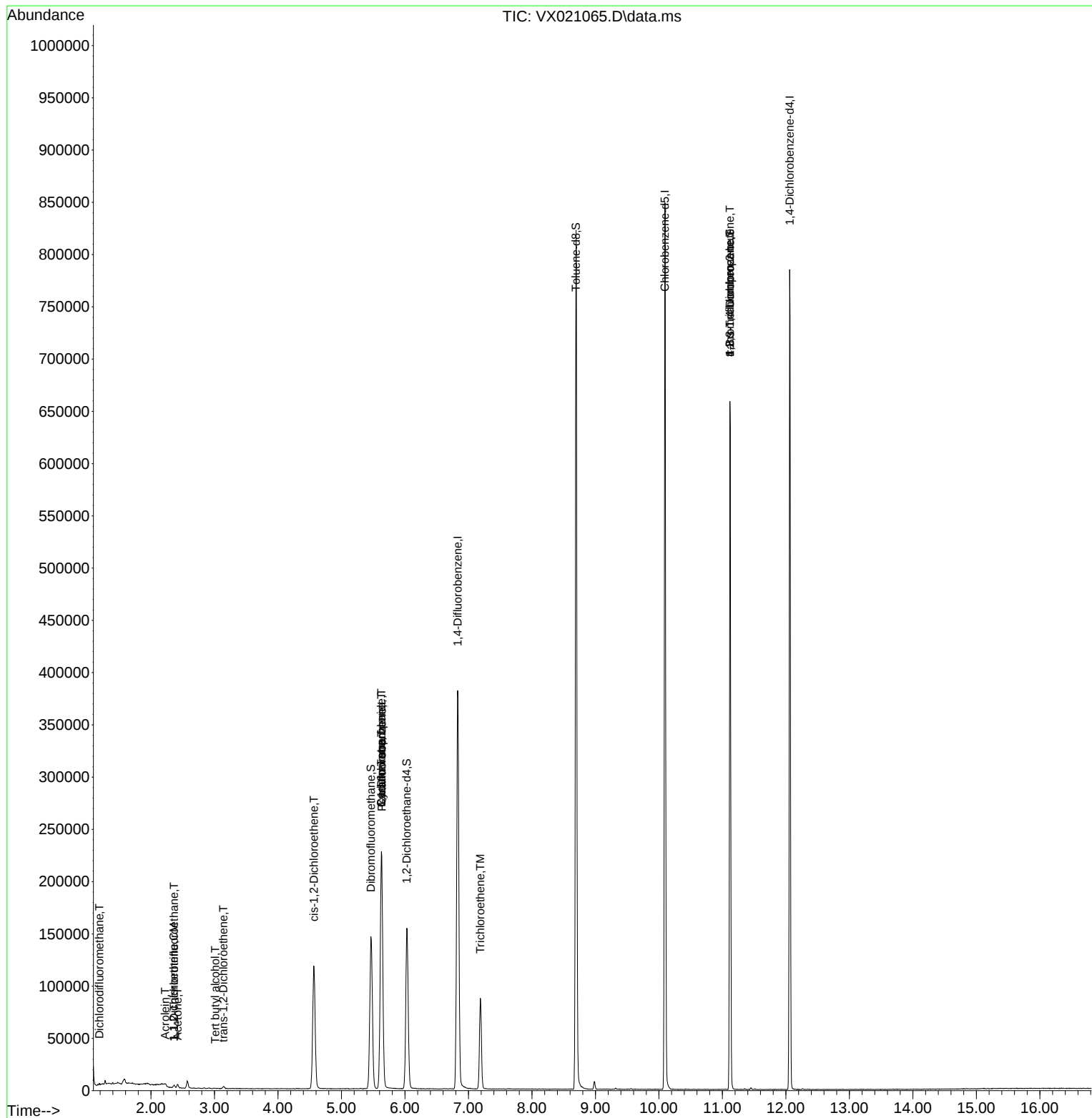
Internal Standards						
1) Pentafluorobenzene	5.635	168	224195	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	409968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	398455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	166738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	147119	48.58	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.16%
35) Dibromofluoromethane	5.464	113	130316	52.32	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.64%
50) Toluene-d8	8.694	98	516179	53.15	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.30%
62) 4-Bromofluorobenzene	11.118	95	185715	51.71	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.42%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	921	0.38	ug/l	93
5) Bromomethane	1.640	94	291	Below Cal	#	61
9) 1,1,2-Trichlorotrifluo...	2.364	101	599	0.25	ug/l	95
11) Tert butyl alcohol	3.011	59	305	0.45	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	620	0.25	ug/l	89
13) Acrolein	2.223	56	171	0.41	ug/l #	10
16) Acetone	2.417	43	3869	3.10	ug/l	91
21) trans-1,2-Dichloroethene	3.140	96	968	0.34	ug/l	89
27) cis-1,2-Dichloroethene	4.564	96	78043	24.03	ug/l	89
31) Cyclohexane	5.629	56	4348	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16775	4.30	ug/l #	48
38) Carbon Tetrachloride	5.629	117	20986	5.56	ug/l #	16
44) Trichloroethene	7.188	130	35522	11.57	ug/l	97
76) 1,2,3-Trichloropropane	11.118	75	88841	24.77	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	88841	54.84	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
Data File : VX021065.D
Acq On : 08 Mar 2021 16:44
Operator : JC/MD
Sample : M1596-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305

Quant Time: Mar 09 01:07:12 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

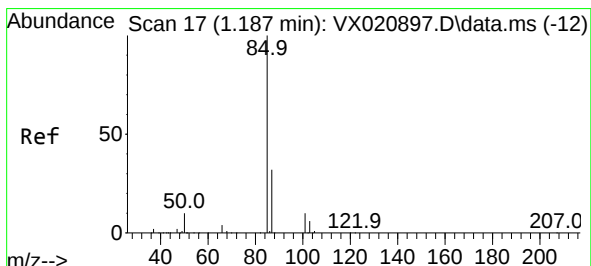
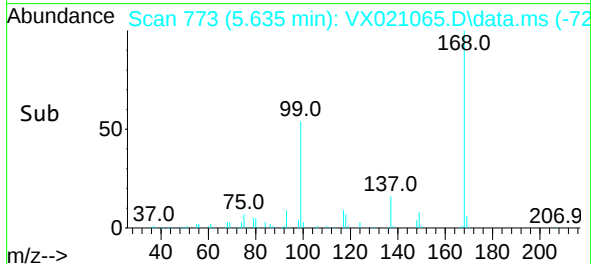
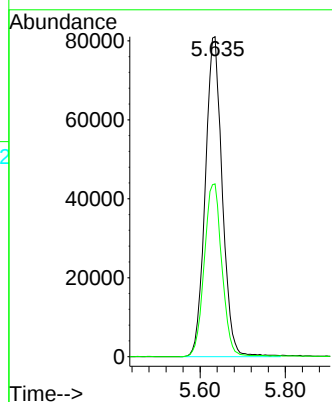
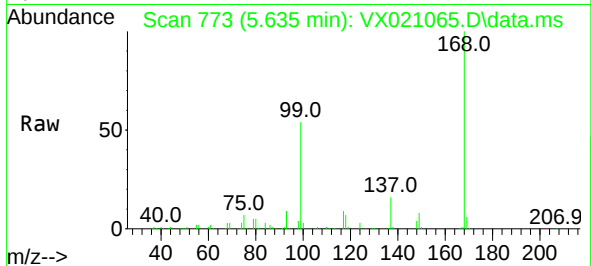




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

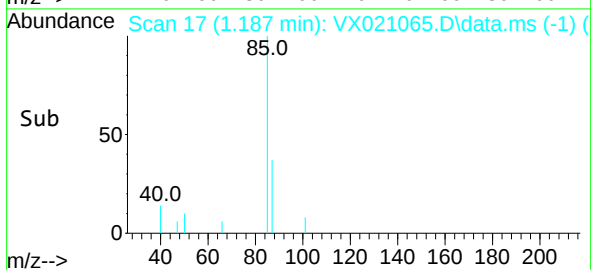
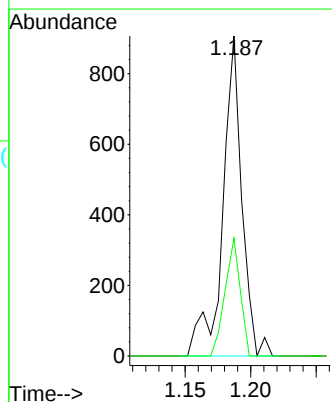
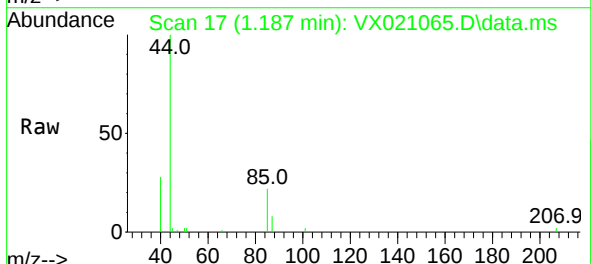
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305

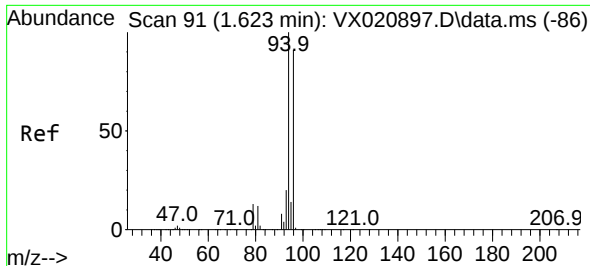
Tgt Ion:168 Resp: 224195
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.38 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

Tgt Ion: 85 Resp: 921
Ion Ratio Lower Upper
85 100
87 36.8 16.4 49.2

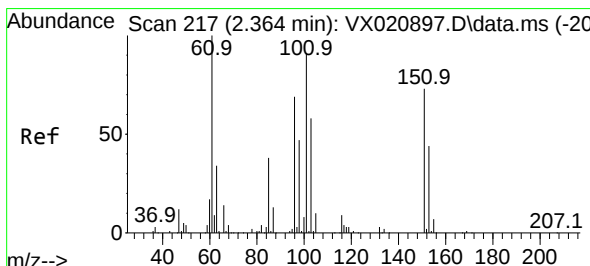
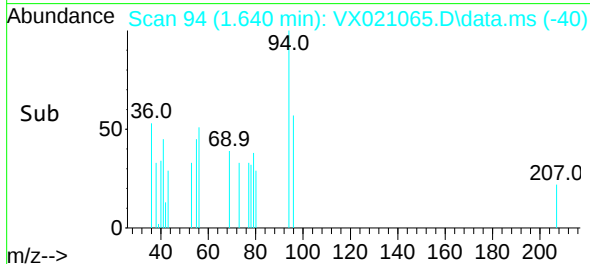
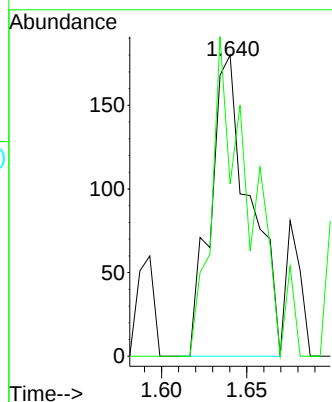
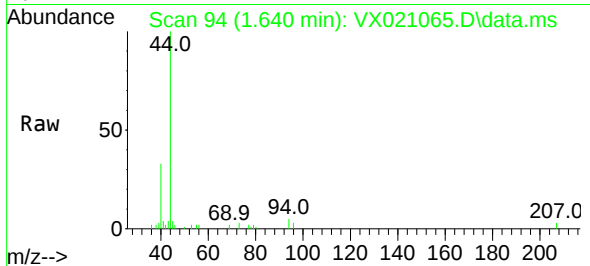




#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

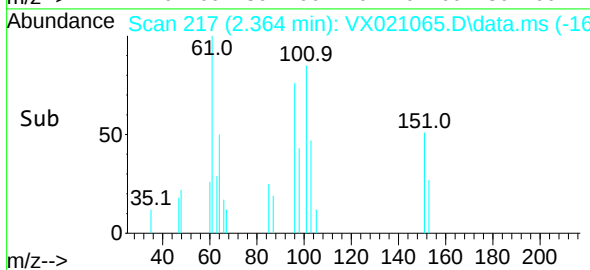
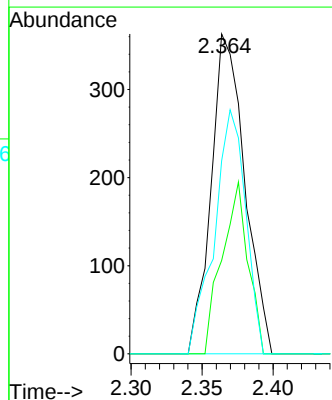
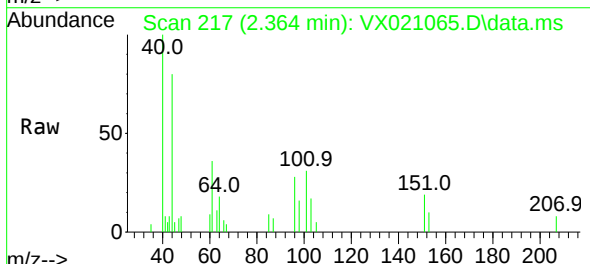
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305

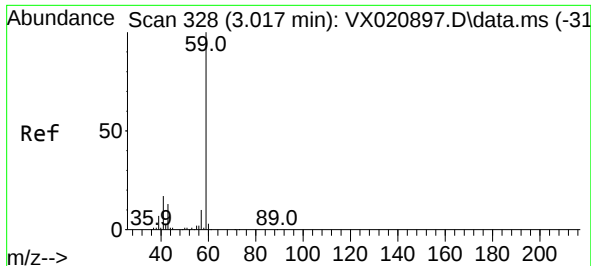
Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 57.2 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.25 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

Tgt Ion: 101 Resp: 599
Ion Ratio Lower Upper
101 100
85 41.6 34.9 52.3
151 71.0 61.4 92.2

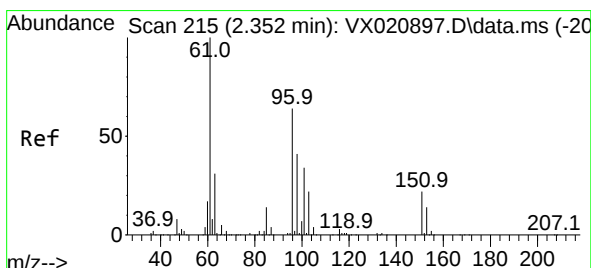
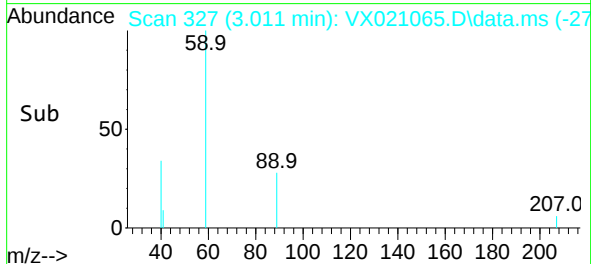
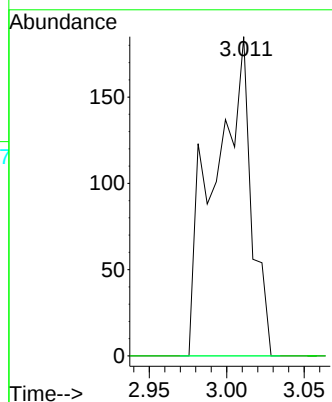
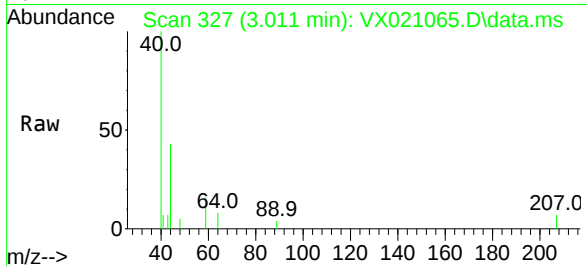




#11
Tert butyl alcohol
Concen: 0.45 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

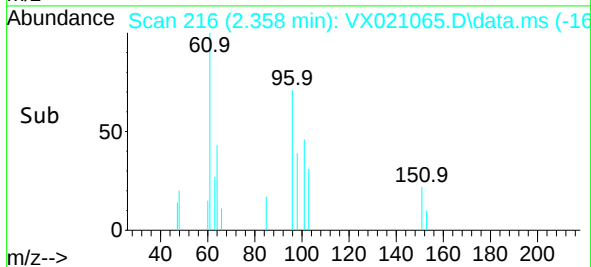
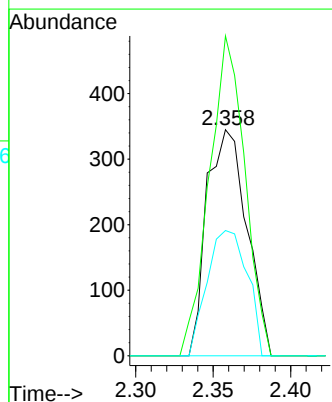
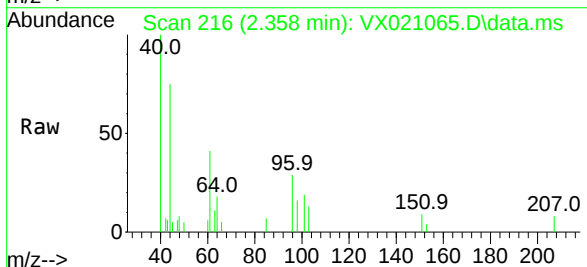
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305

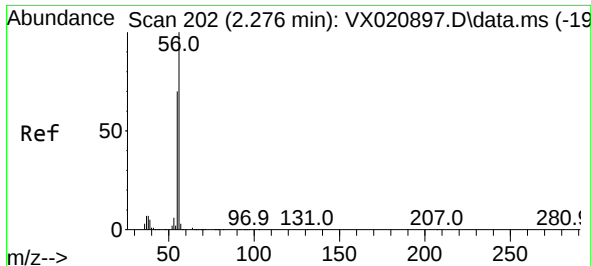
Tgt Ion: 59 Resp: 305
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.25 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

Tgt Ion: 96 Resp: 620
Ion Ratio Lower Upper
96 100
61 141.4 124.6 187.0
98 55.4 50.6 76.0

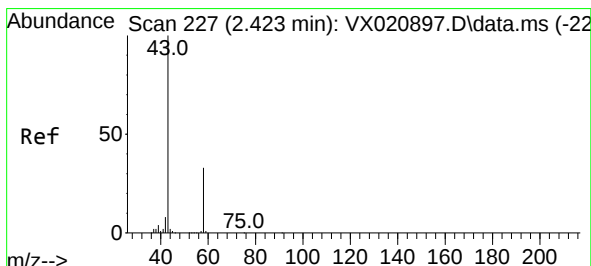
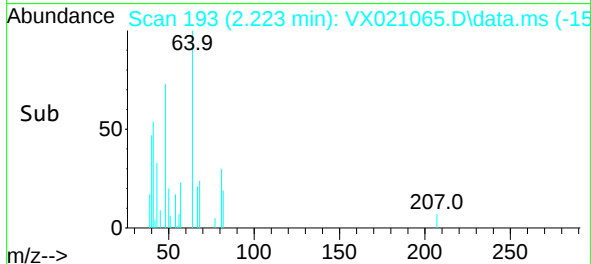
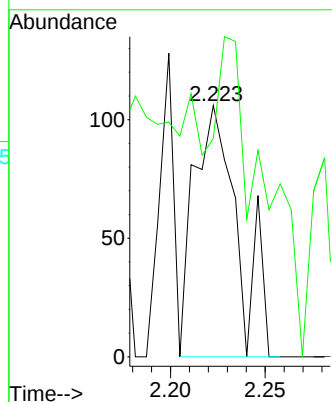
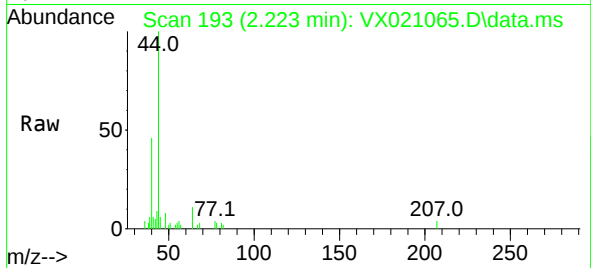




#13
Acrolein
Concen: 0.41 ug/l
RT: 2.223 min Scan# 193
Delta R.T. -0.053 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

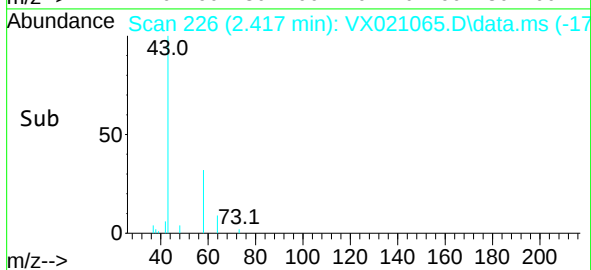
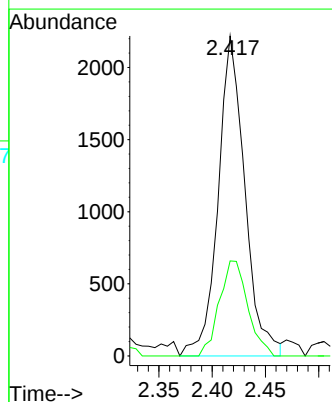
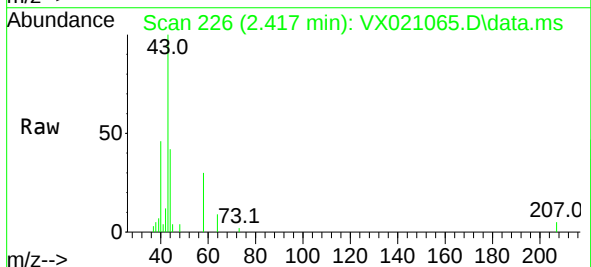
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305

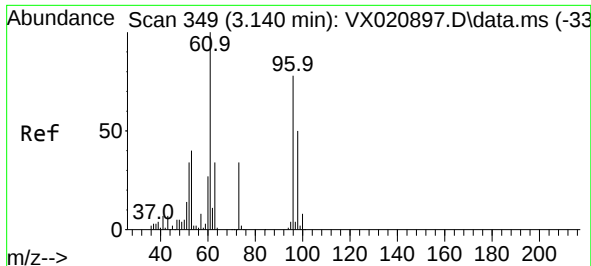
Tgt Ion: 56 Resp: 171
Ion Ratio Lower Upper
56 100
55 145.0 56.4 84.6#



#16
Acetone
Concen: 3.10 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

Tgt Ion: 43 Resp: 3869
Ion Ratio Lower Upper
43 100
58 29.7 27.8 41.8

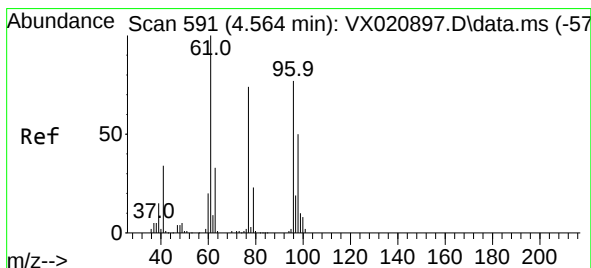
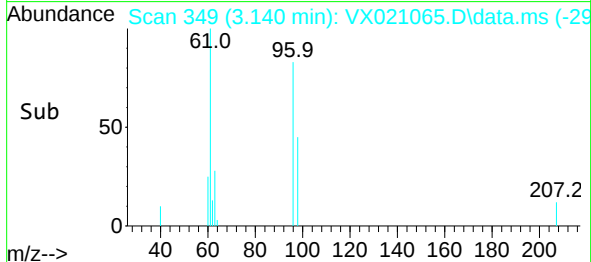
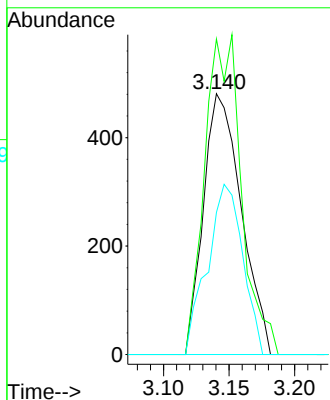
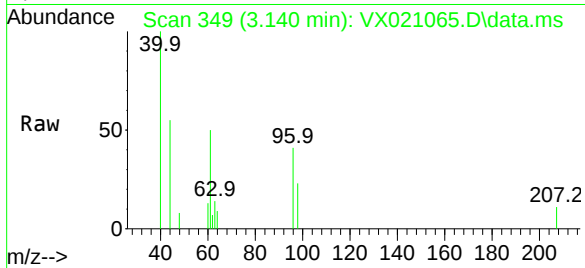




#21
trans-1,2-Dichloroethene
Concen: 0.34 ug/l
RT: 3.140 min Scan# 349
Delta R.T. -0.000 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

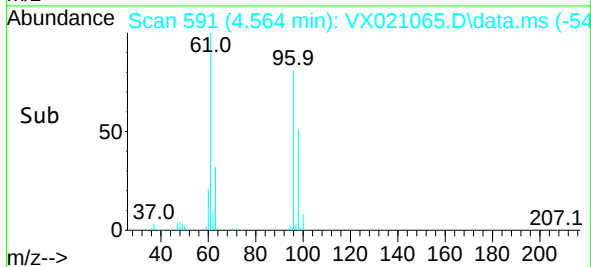
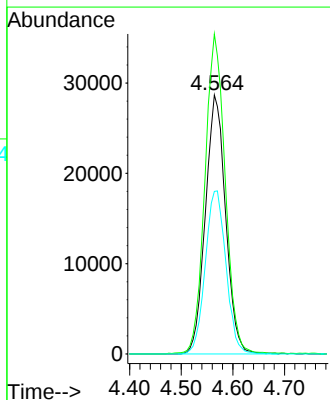
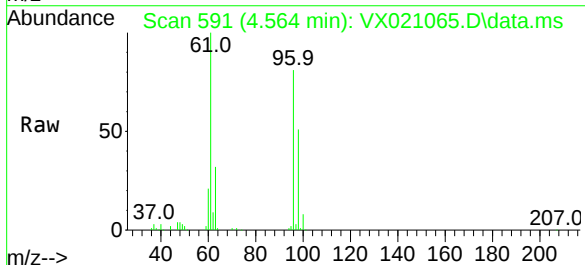
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305

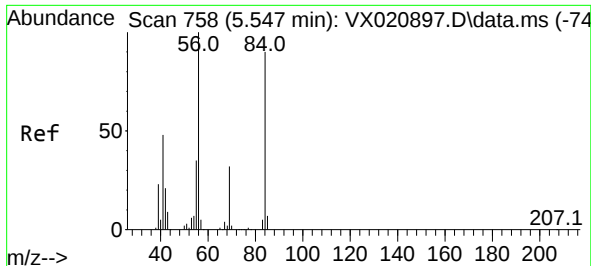
Tgt Ion: 96 Resp: 968
Ion Ratio Lower Upper
96 100
61 121.0 107.7 161.5
98 54.5 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 24.03 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

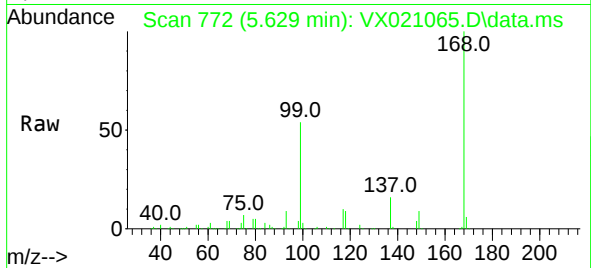
Tgt Ion: 96 Resp: 78043
Ion Ratio Lower Upper
96 100
61 123.8 0.0 285.6
98 64.4 0.0 129.6



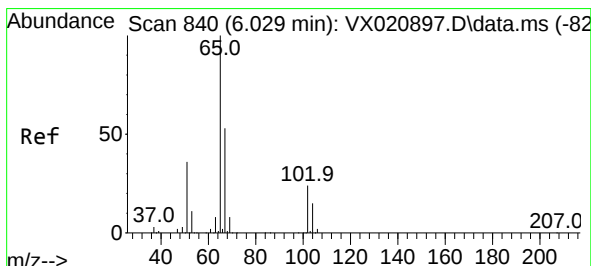
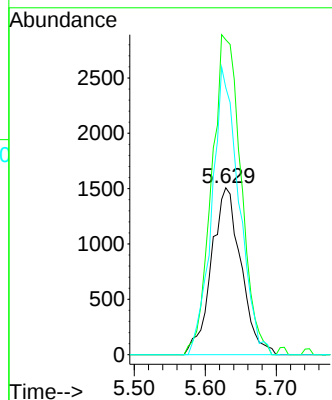
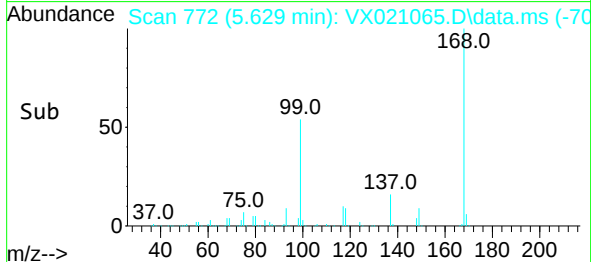


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

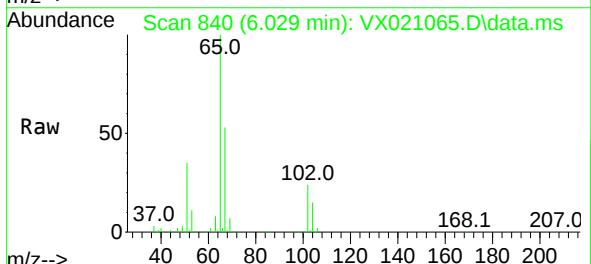
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305



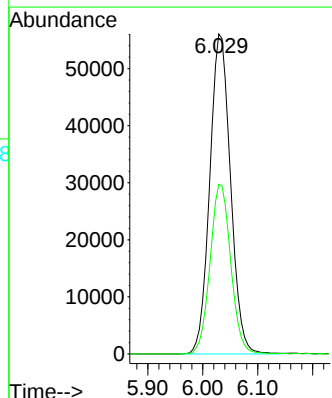
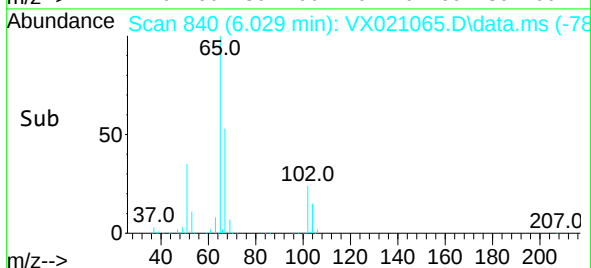
Tgt Ion: 56 Resp: 4348
Ion Ratio Lower Upper
56 100
69 188.8 25.3 37.9#
84 160.1 71.4 107.0#

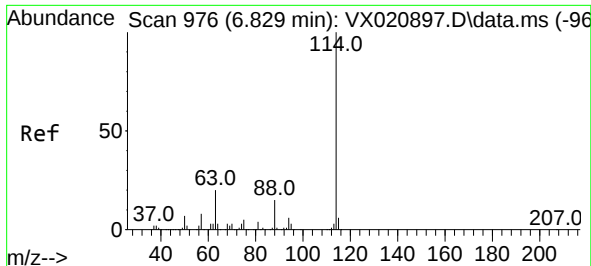


#33
1,2-Dichloroethane-d4
Concen: 48.58 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44



Tgt Ion: 65 Resp: 147119
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

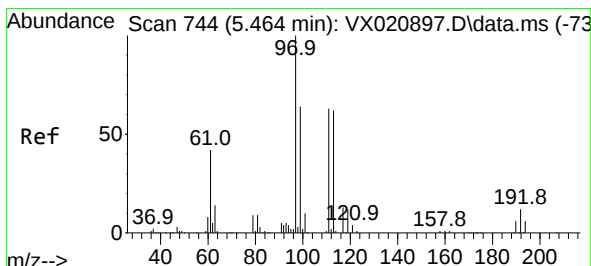
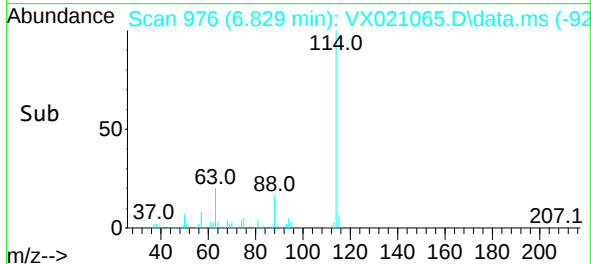
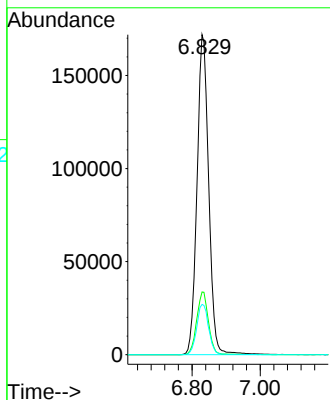
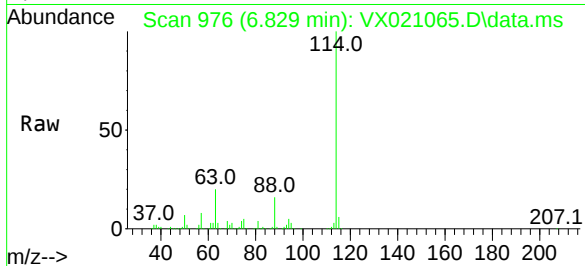




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

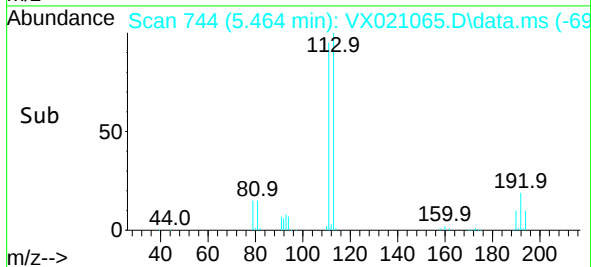
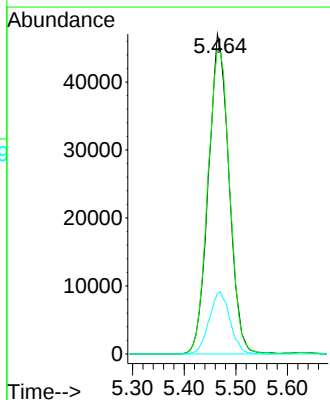
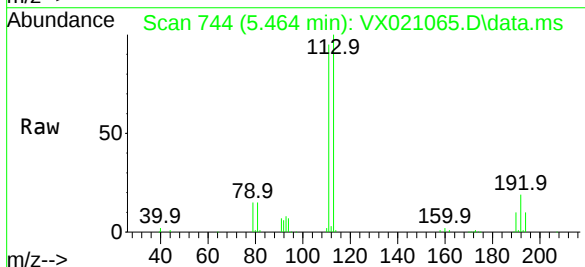
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305

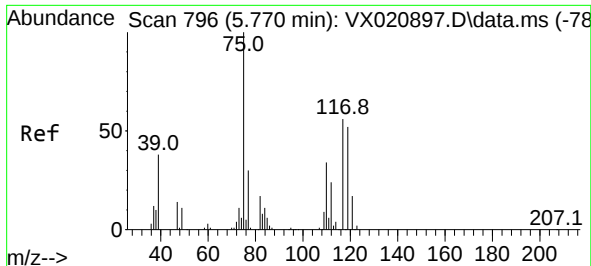
Tgt Ion:114 Resp: 409968
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.32 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

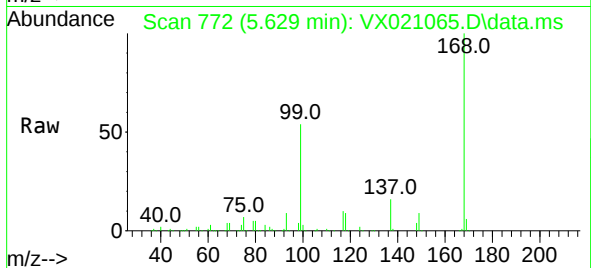
Tgt Ion:113 Resp: 130316
Ion Ratio Lower Upper
113 100
111 100.5 81.9 122.9
192 19.7 16.7 25.1



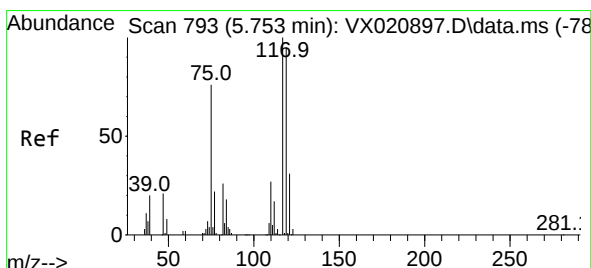
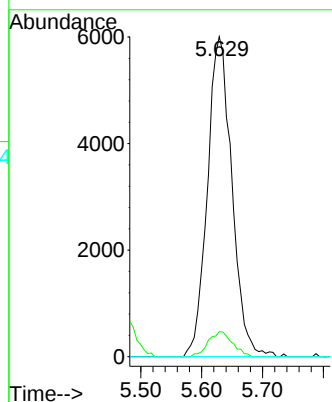
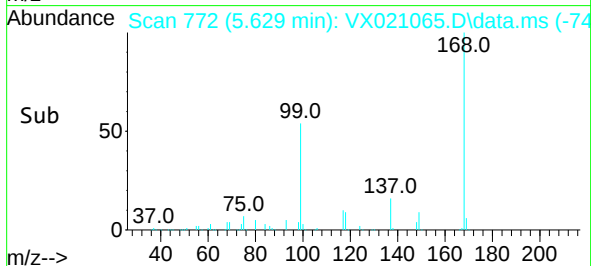


#36
1,1-Dichloropropene
Concen: 4.30 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

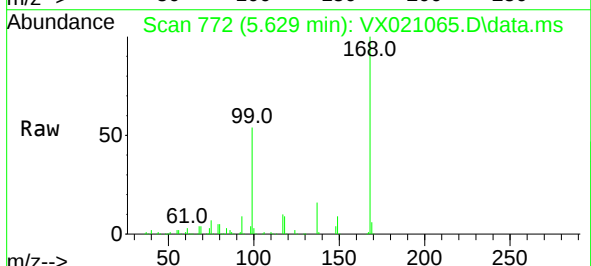
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305



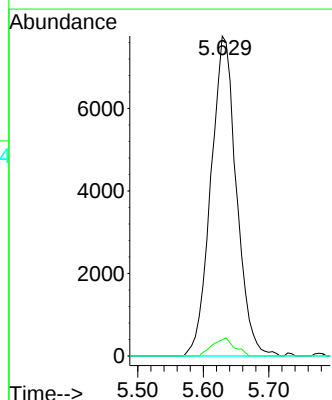
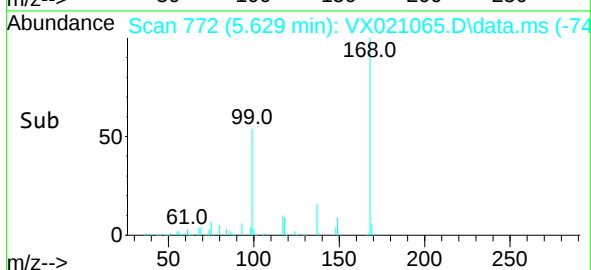
Tgt Ion: 75 Resp: 16775
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#

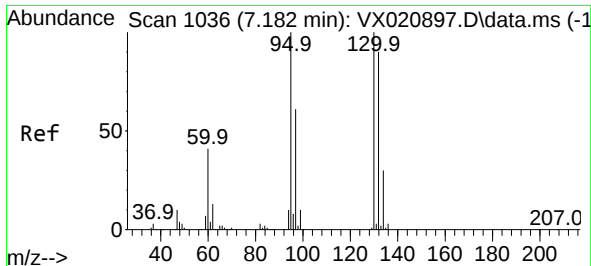


#38
Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44



Tgt Ion: 117 Resp: 20986
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

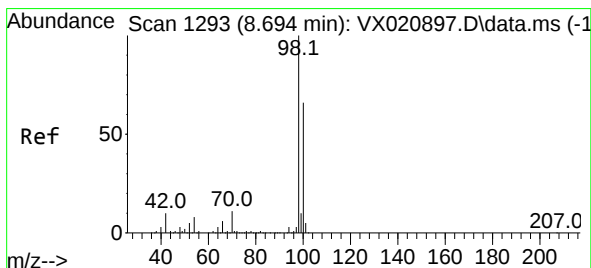
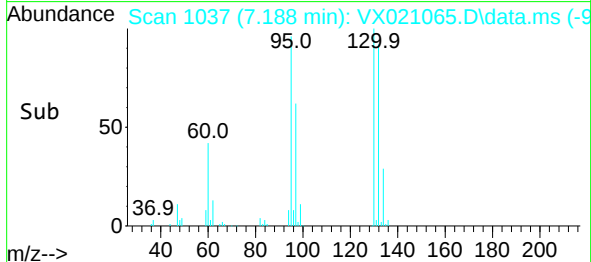
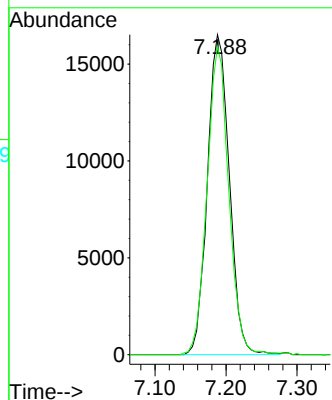
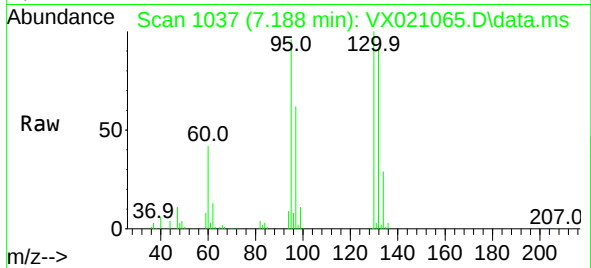




#44
Trichloroethene
Concen: 11.57 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

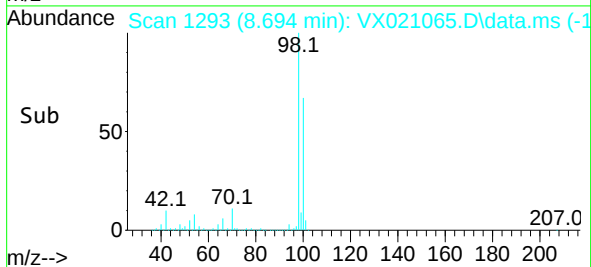
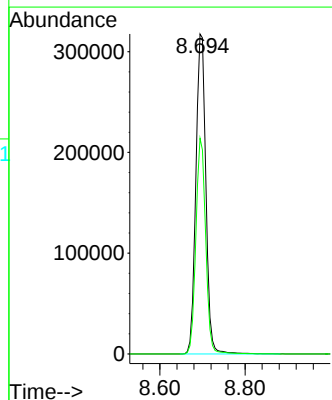
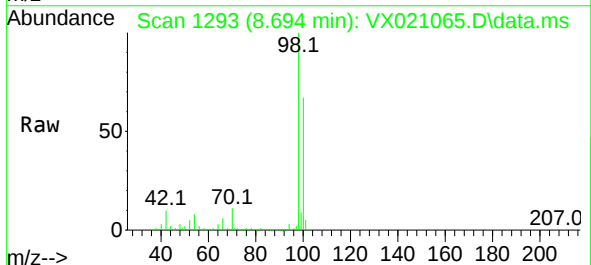
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305

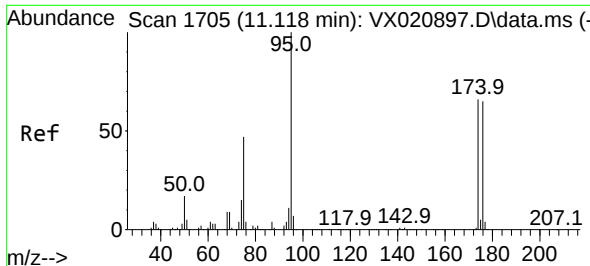
Tgt Ion:130 Resp: 35522
Ion Ratio Lower Upper
130 100
95 96.2 0.0 198.0



#50
Toluene-d8
Concen: 53.15 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

Tgt Ion: 98 Resp: 516179
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

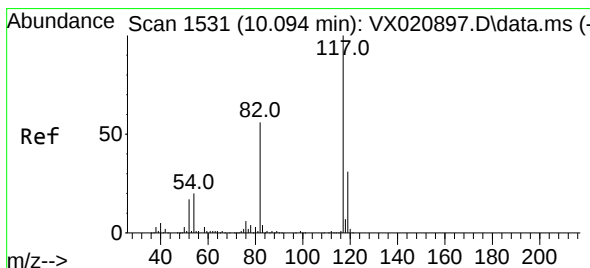
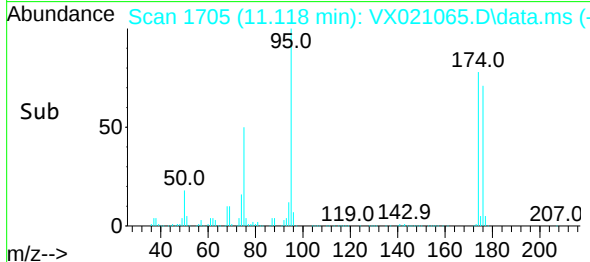
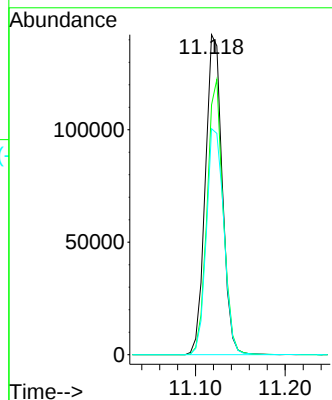
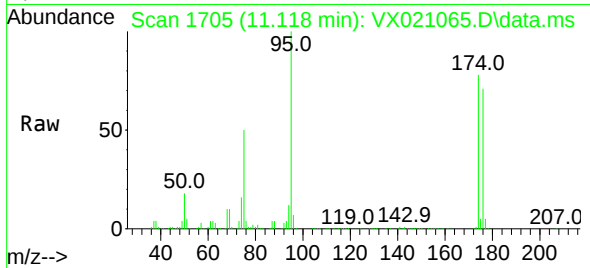




#62
4-Bromofluorobenzene
Concen: 51.71 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

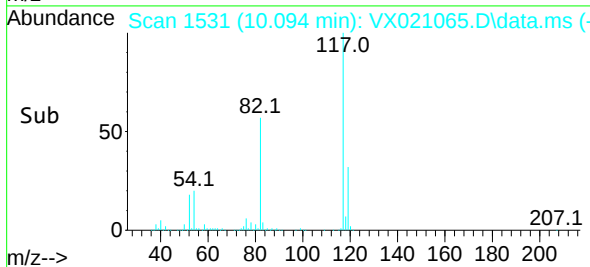
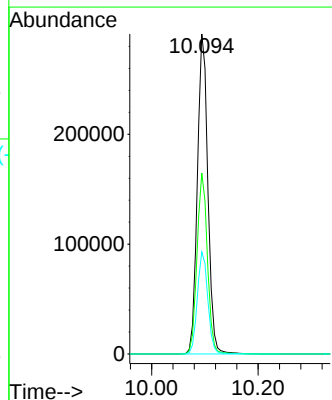
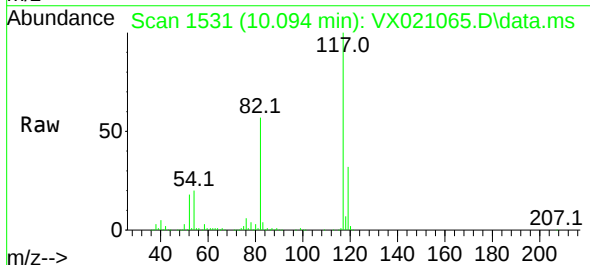
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305

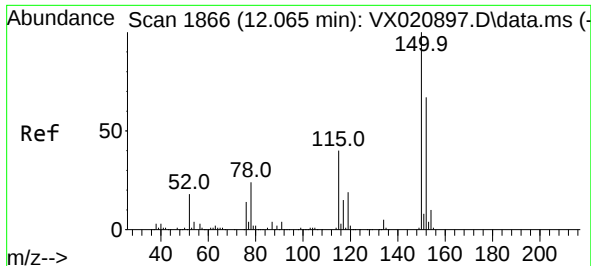
Tgt Ion: 95 Resp: 185715
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 73.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

Tgt Ion:117 Resp: 398455
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.9 26.6 39.8

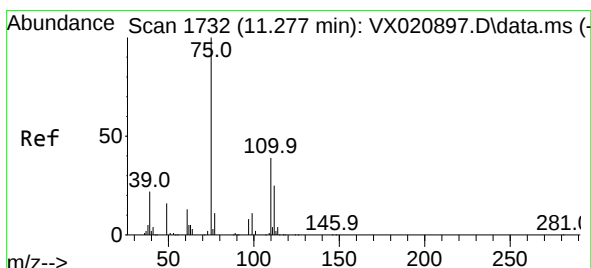
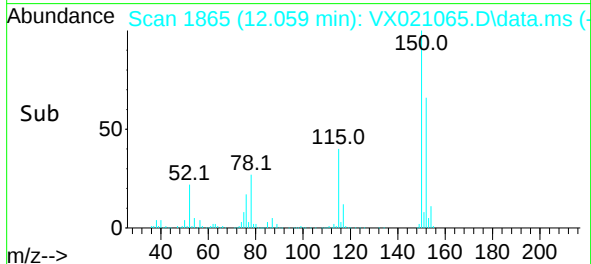
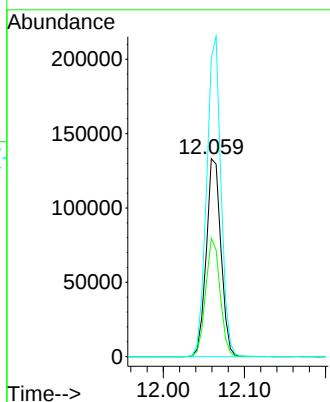
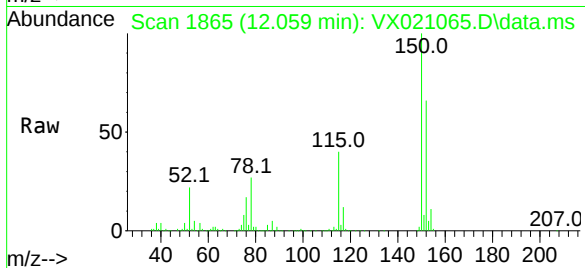




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

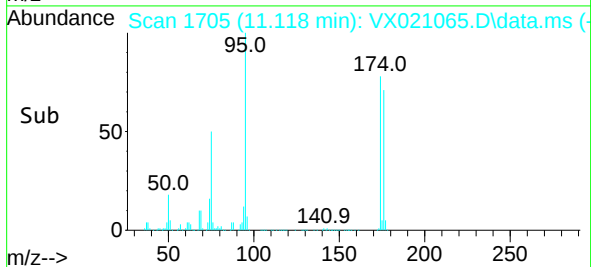
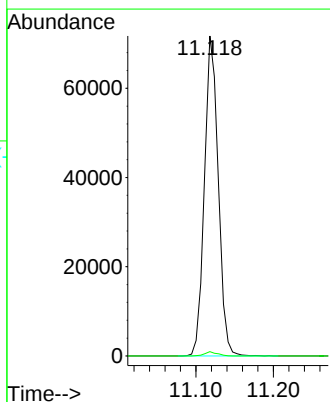
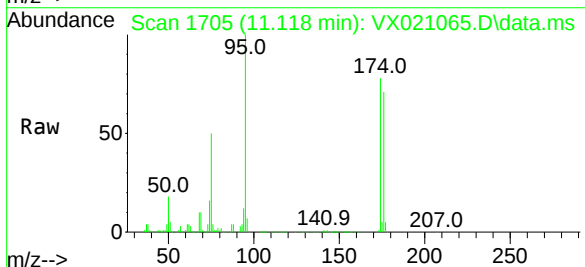
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210305

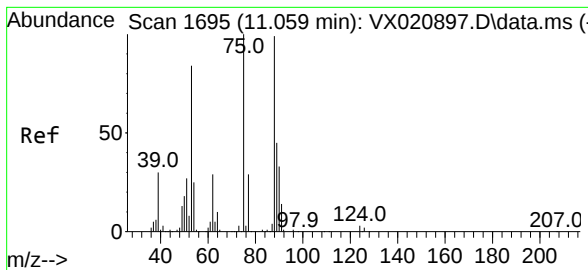
Tgt Ion:152 Resp: 166738
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 157.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.77 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021065.D
Acq: 08 Mar 2021 16:44

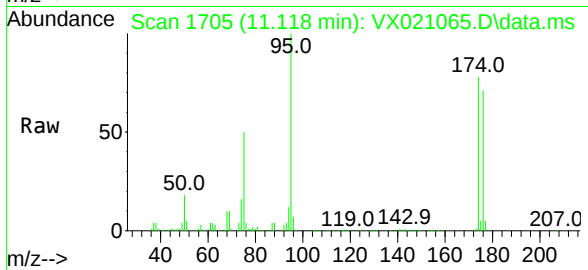
Tgt Ion: 75 Resp: 88841
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.84 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021065.D
 Acq: 08 Mar 2021 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5T-20210305



Tgt Ion: 75 Resp: 88841
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

