

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021704.D
 Acq On : 01 Apr 2021 13:53
 Operator : JC/MD
 Sample : M1890-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-033121

Quant Time: Apr 02 03:26:51 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)

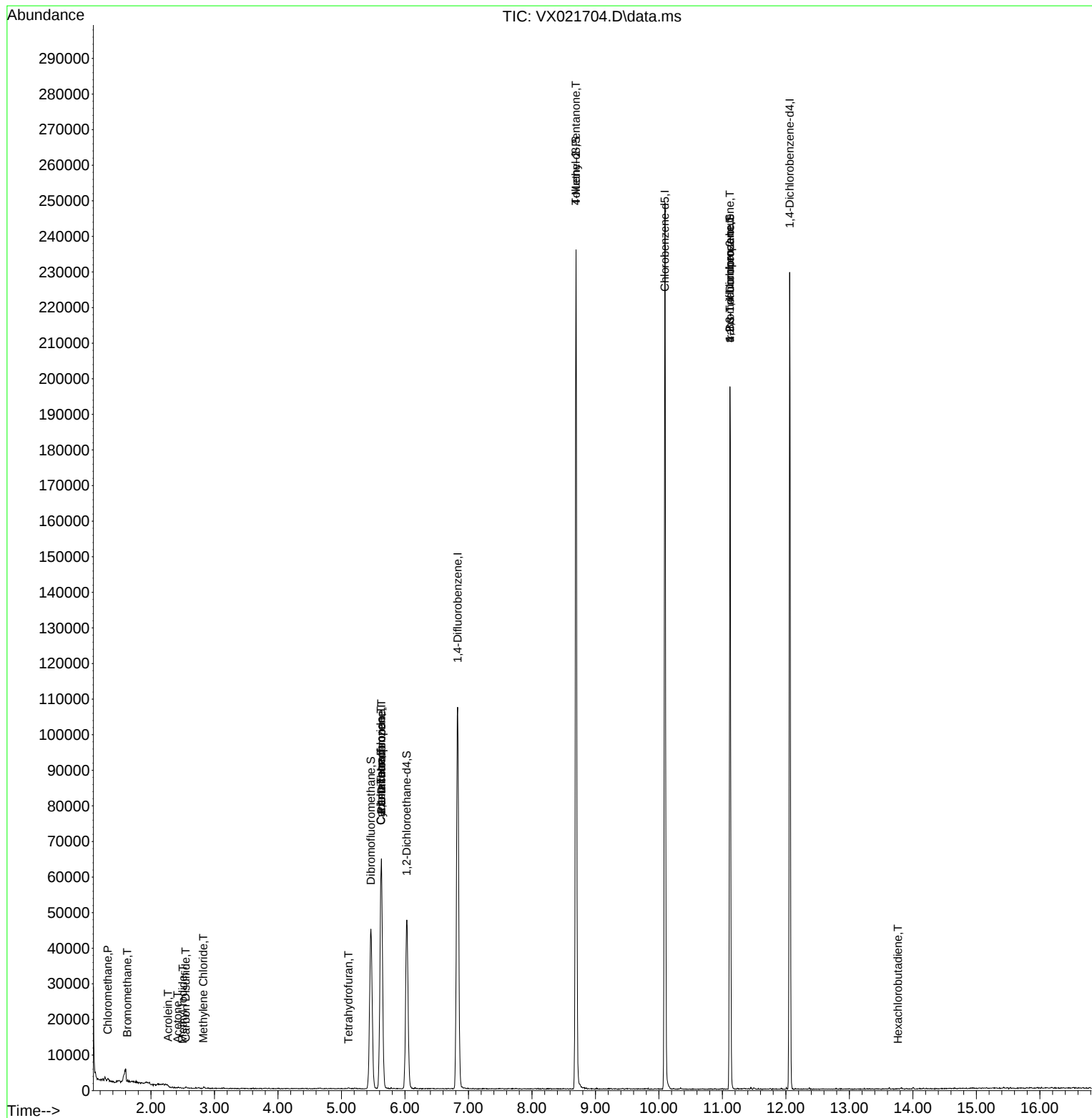
Internal Standards						
1) Pentafluorobenzene	5.629	168	56425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	102016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	103745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	42160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	48052	51.18	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.36%			
35) Dibromofluoromethane	5.464	113	37360	51.56	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.12%			
50) Toluene-d8	8.694	98	130516	50.54	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.08%			
62) 4-Bromofluorobenzene	11.118	95	49990	49.79	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.58%			
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	726	1.06	ug/l	97
5) Bromomethane	1.628	94	73	0.29	ug/l #	73
10) Methyl Iodide	2.499	142	40	6.72	ug/l #	42
13) Acrolein	2.270	56	23	4.59	ug/l #	1
16) Acetone	2.417	43	322	0.91	ug/l #	40
17) Carbon Disulfide	2.546	76	386	0.24	ug/l #	75
20) Methylene Chloride	2.823	84	208	0.30	ug/l #	35
29) Tetrahydrofuran	5.111	42	145	0.42	ug/l #	27
31) Cyclohexane	5.623	56	1610	1.56	ug/l #	12
36) 1,1-Dichloropropene	5.629	75	5211	5.21	ug/l #	48
38) Carbon Tetrachloride	5.623	117	6143	5.72	ug/l #	19
51) 4-Methyl-2-Pentanone	8.694	43	815	0.71	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	28197	28.73	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	28197	87.51	ug/l #	12
94) Hexachlorobutadiene	13.765	225	92	0.24	ug/l #	32

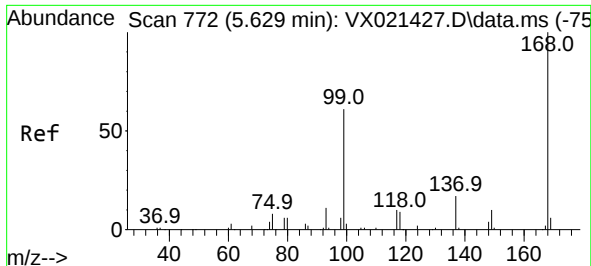
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
Data File : VX021704.D
Acq On : 01 Apr 2021 13:53
Operator : JC/MD
Sample : M1890-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-033121

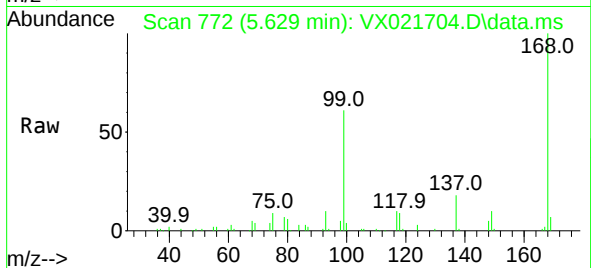
Quant Time: Apr 02 03:26:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



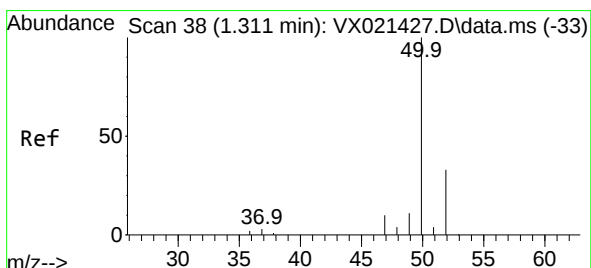
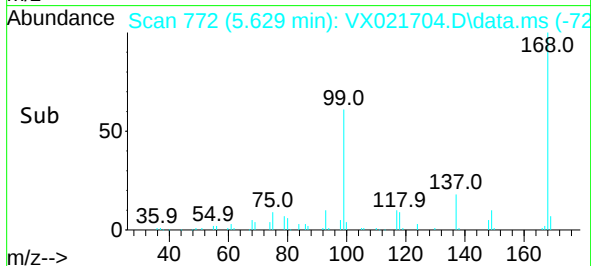
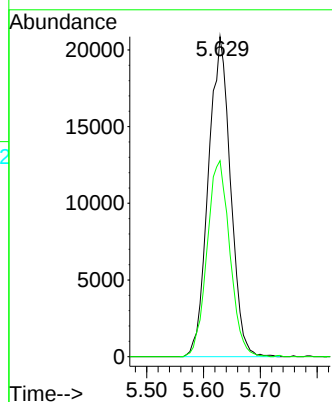


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

Instrument :
MSVOA_X
ClientSampleId :
TB01-033121

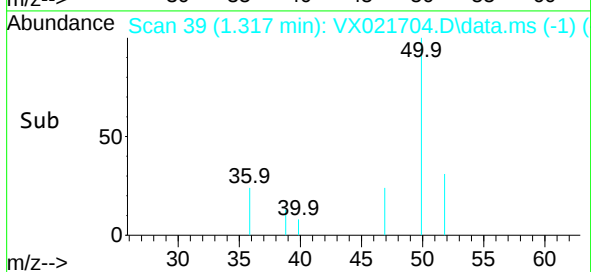
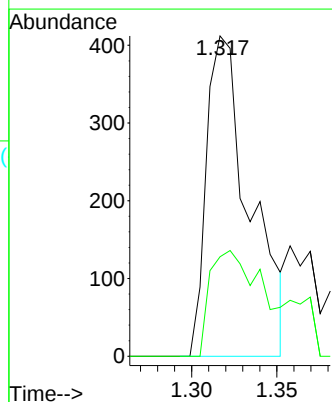
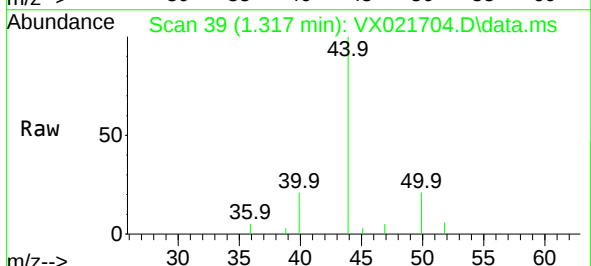


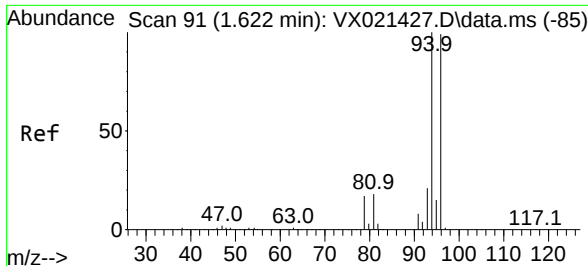
Tgt Ion:168 Resp: 56425
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.6



#3
Chloromethane
Concen: 1.06 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

Tgt Ion: 50 Resp: 726
Ion Ratio Lower Upper
50 100
52 31.1 26.4 39.6

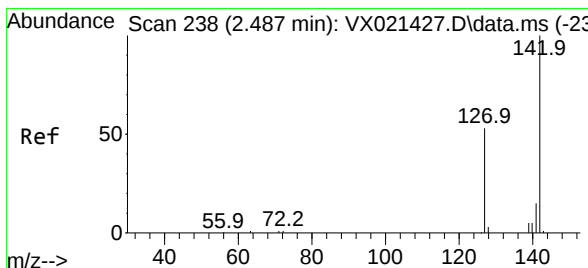
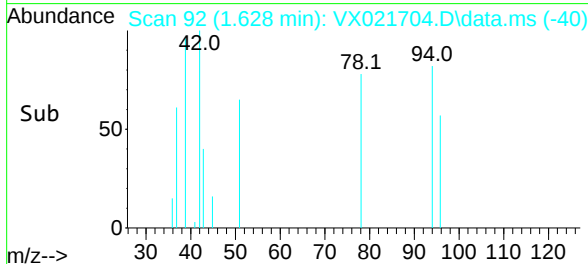
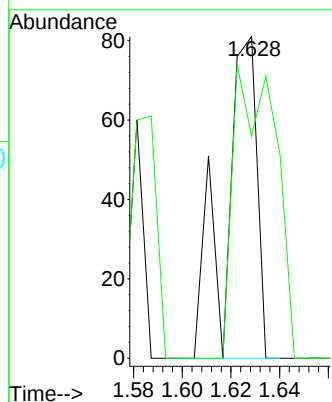
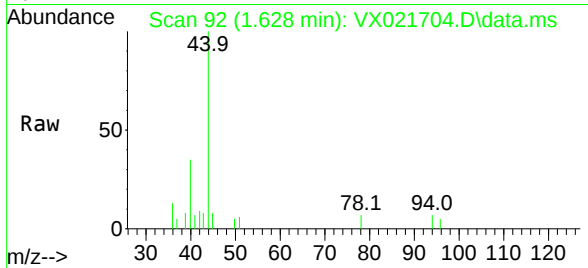




#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

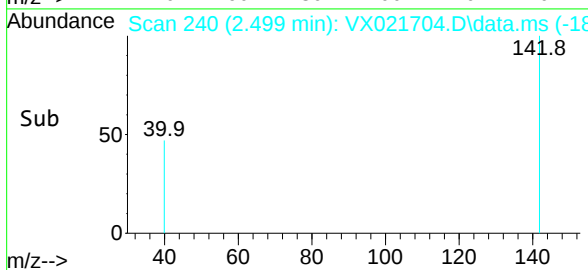
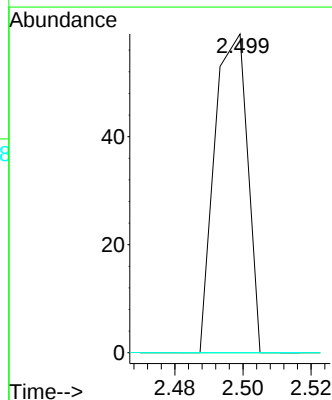
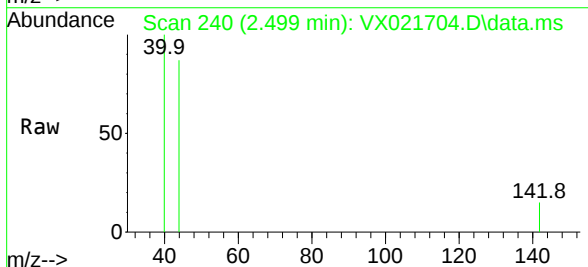
Instrument :
MSVOA_X
ClientSampleId :
TB01-033121

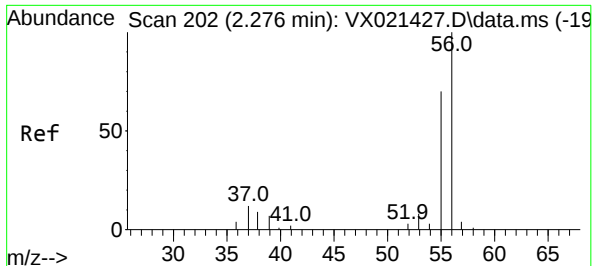
Tgt Ion: 94 Resp: 73
Ion Ratio Lower Upper
94 100
96 69.1 76.4 114.6#



#10
Methyl Iodide
Concen: 6.72 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

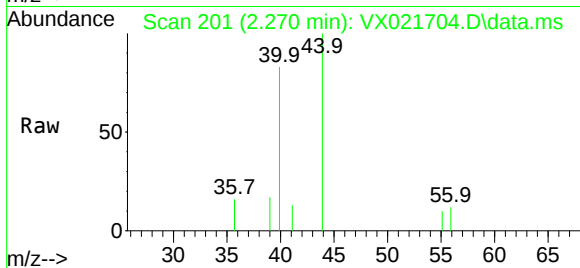
Tgt Ion: 142 Resp: 40
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



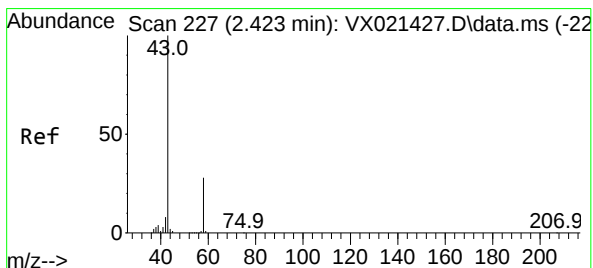
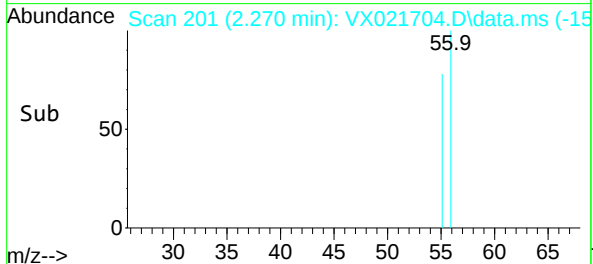
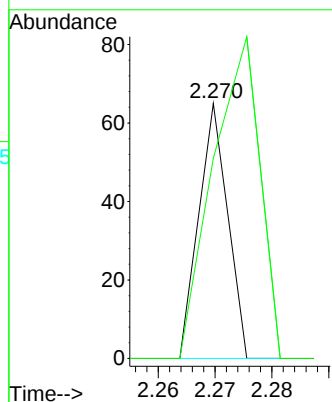


#13
Acrolein
Concen: 4.59 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

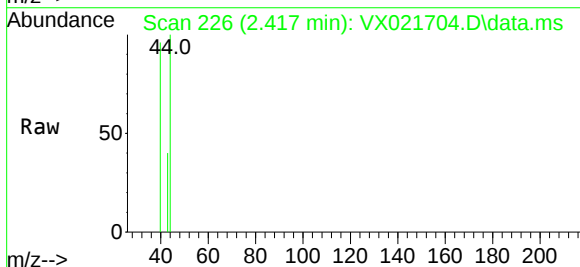
Instrument :
MSVOA_X
ClientSampleId :
TB01-033121



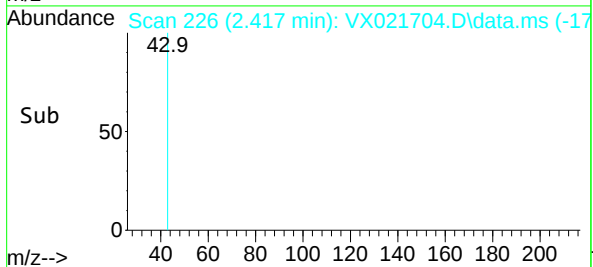
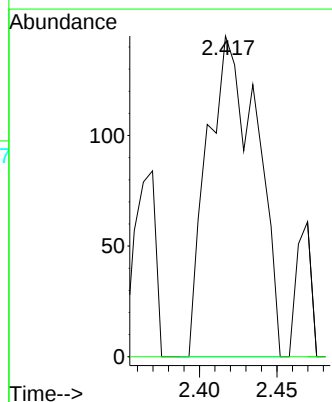
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 204.3 56.4 84.6#

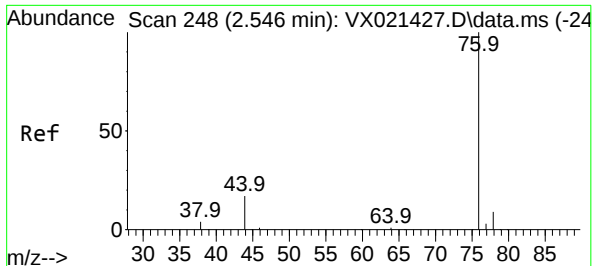


#16
Acetone
Concen: 0.91 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53



Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

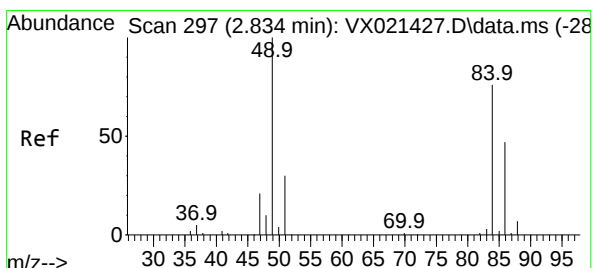
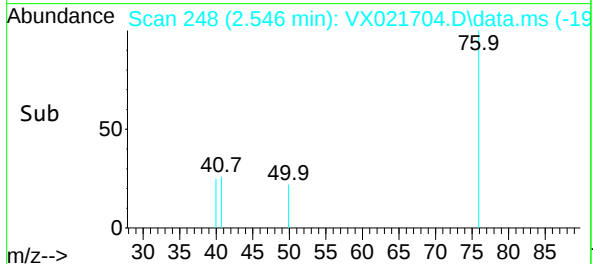
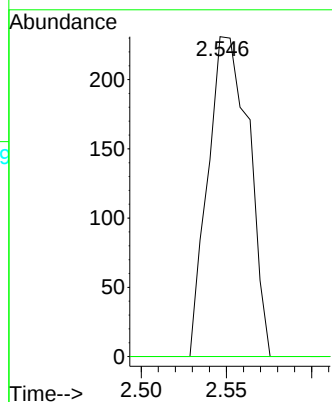
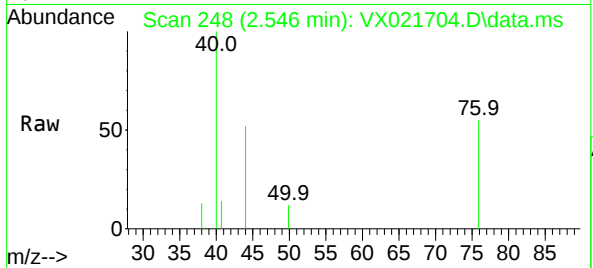




#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 2.546 min Scan# 248
Delta R.T. 0.000 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

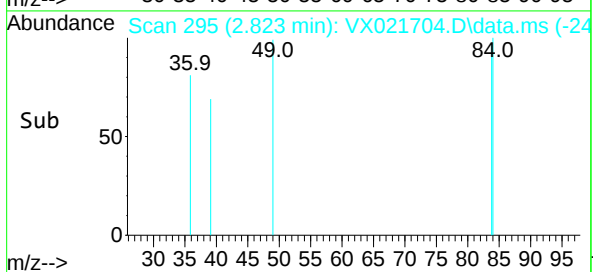
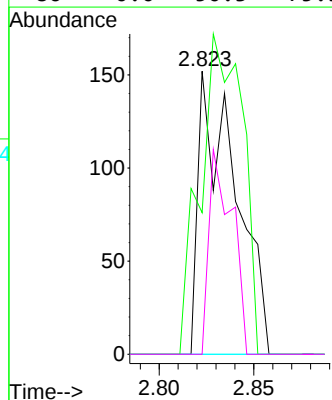
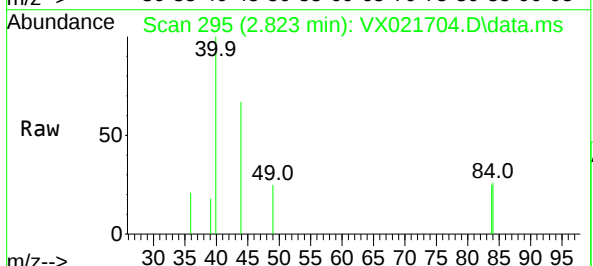
Instrument :
MSVOA_X
ClientSampled :
TB01-033121

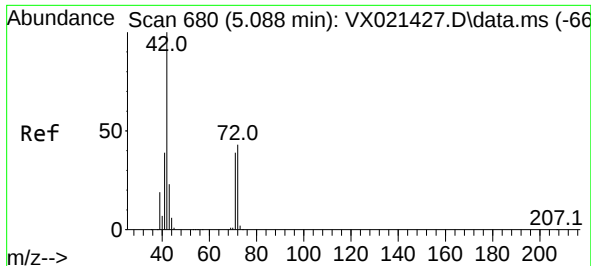
Tgt Ion: 76 Resp: 386
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.823 min Scan# 295
Delta R.T. -0.011 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

Tgt Ion: 84 Resp: 208
Ion Ratio Lower Upper
84 100
49 50.0 88.6 132.8#
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.42 ug/l

RT: 5.111 min Scan# 684

Delta R.T. 0.023 min

Lab File: VX021704.D

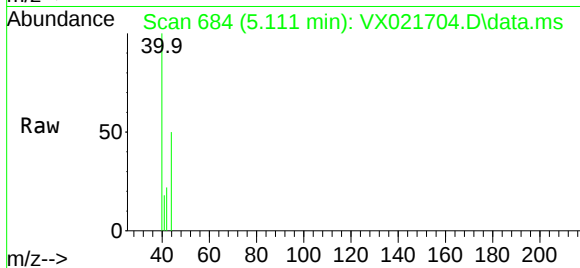
Acq: 01 Apr 2021 13:53

Instrument :

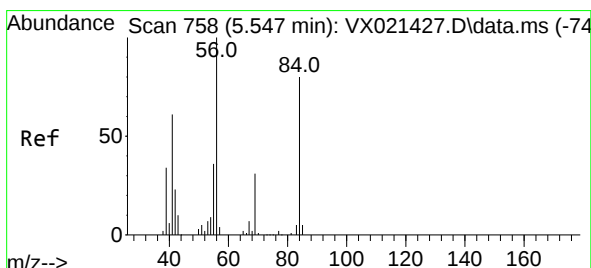
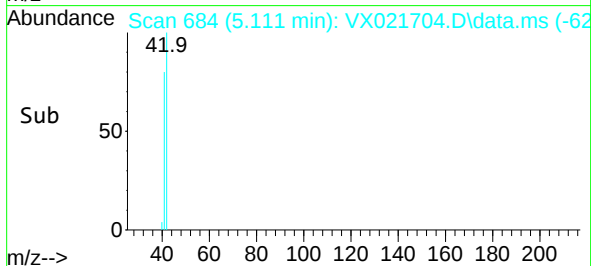
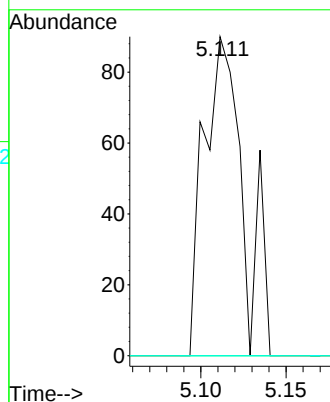
MSVOA_X

ClientSampleId :

TB01-033121



Tgt Ion: 42	Resp: 145
Ion Ratio	Lower Upper
42 100	
72 0.0	41.7 62.5#
71 0.0	38.4 57.6#



#31

Cyclohexane

Concen: 1.56 ug/l

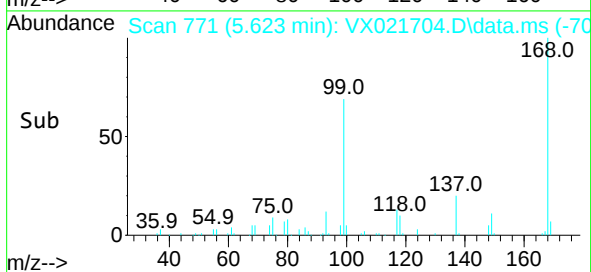
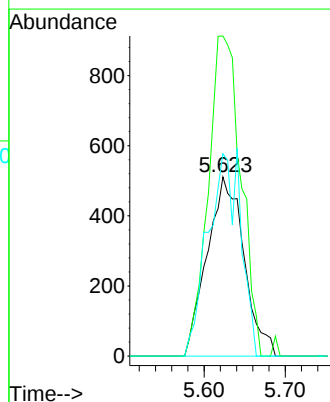
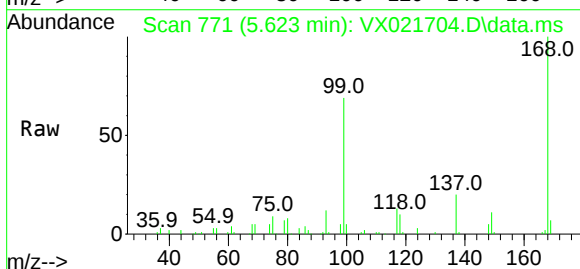
RT: 5.623 min Scan# 771

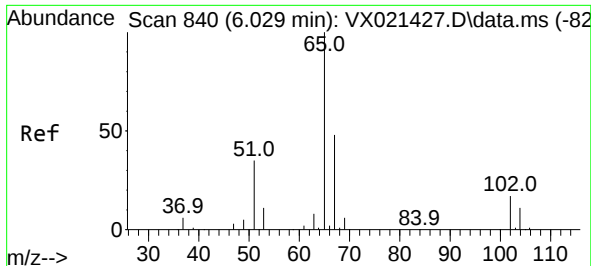
Delta R.T. 0.076 min

Lab File: VX021704.D

Acq: 01 Apr 2021 13:53

Tgt Ion: 56	Resp: 1610
Ion Ratio	Lower Upper
56 100	
69 178.7	25.3 37.9#
84 112.9	71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.18 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021704.D

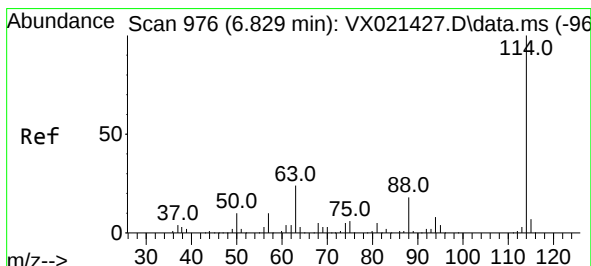
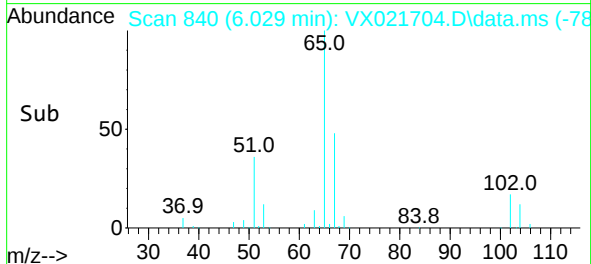
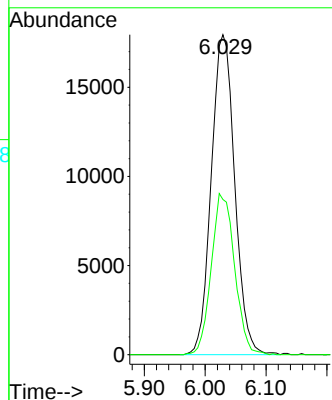
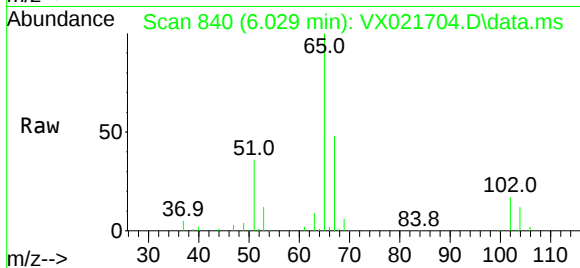
Acq: 01 Apr 2021 13:53

Tgt Ion: 65 Resp: 48052

Ion Ratio Lower Upper

65 100

67 50.0 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: VX021704.D

Acq: 01 Apr 2021 13:53

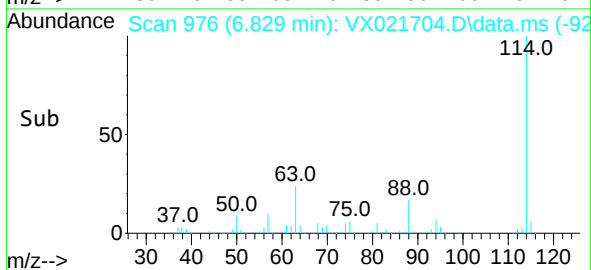
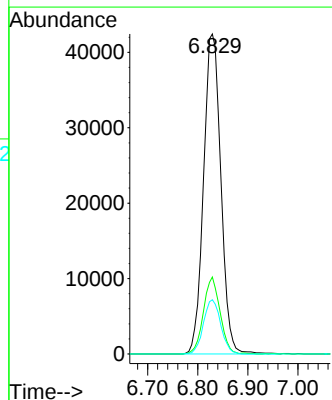
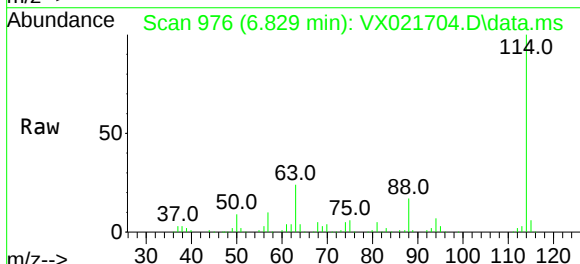
Tgt Ion: 114 Resp: 102016

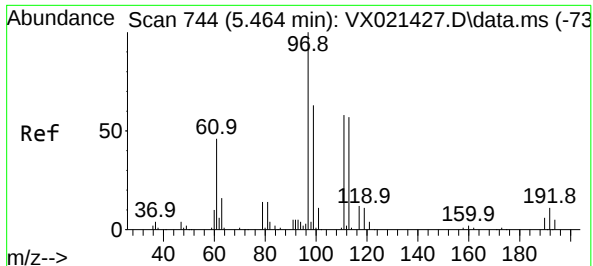
Ion Ratio Lower Upper

114 100

63 24.1 0.0 40.8

88 17.0 0.0 32.8

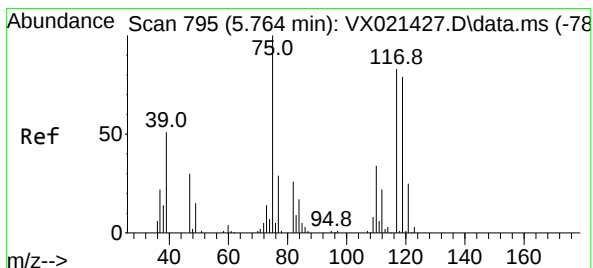
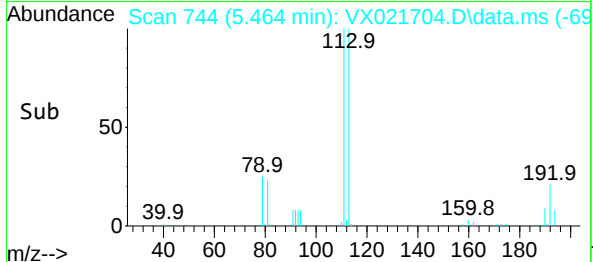
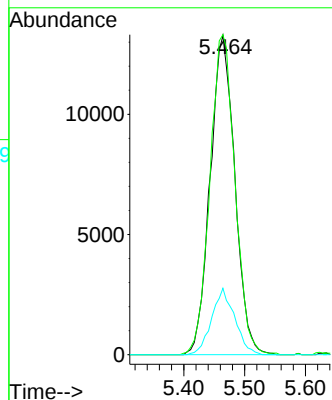
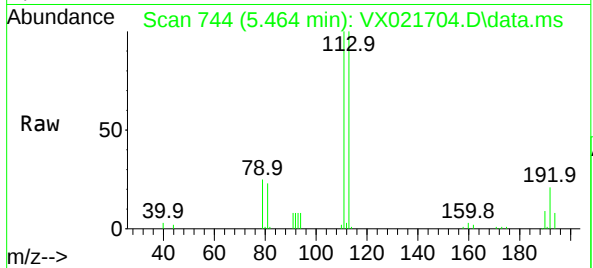




#35
Dibromofluoromethane
Concen: 51.56 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

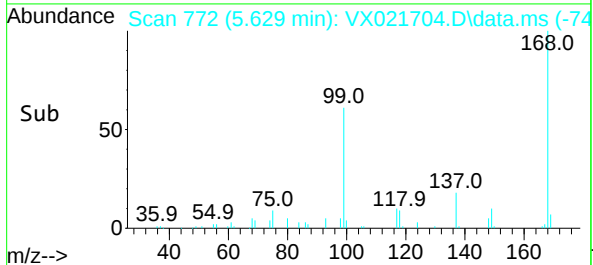
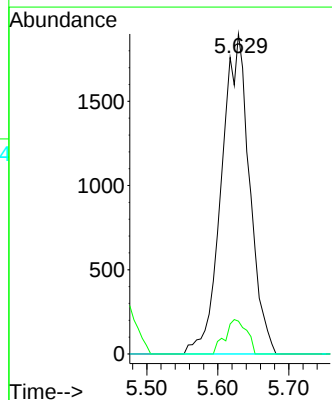
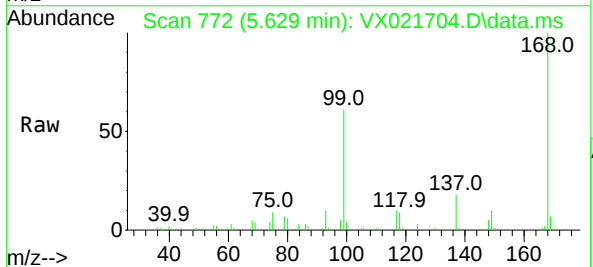
Instrument :
MSVOA_X
ClientSampleId :
TB01-033121

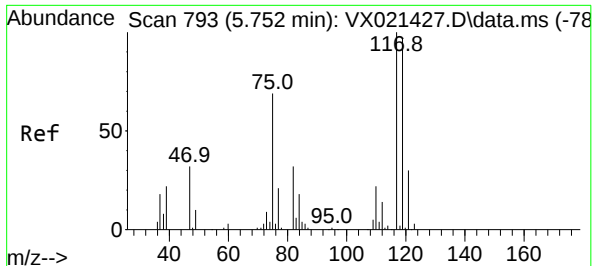
Tgt Ion:113 Resp: 37360
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

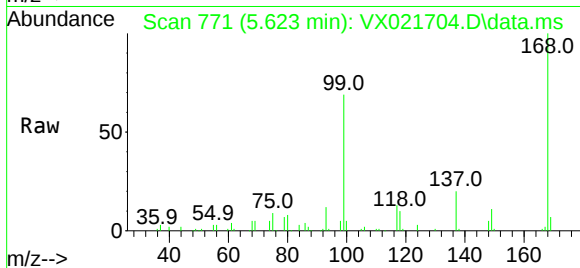
Tgt Ion: 75 Resp: 5211
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



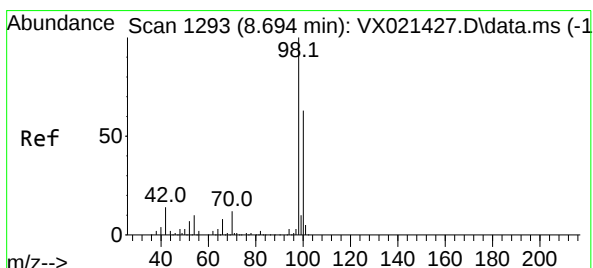
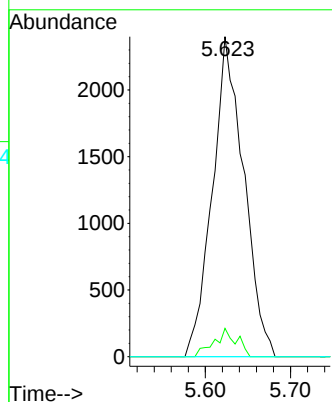
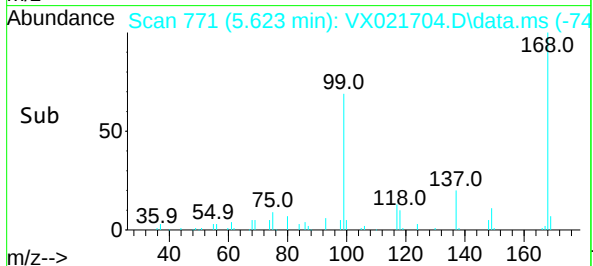


#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

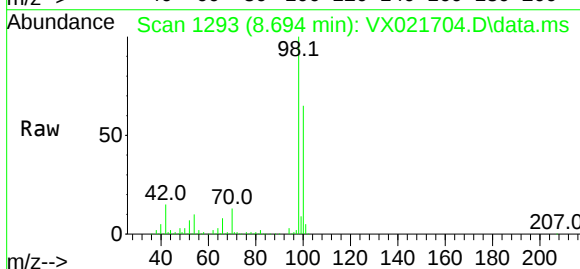
Instrument :
MSVOA_X
ClientSampleId :
TB01-033121



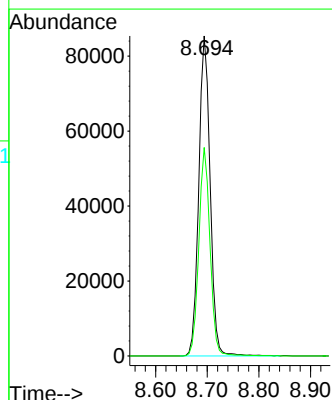
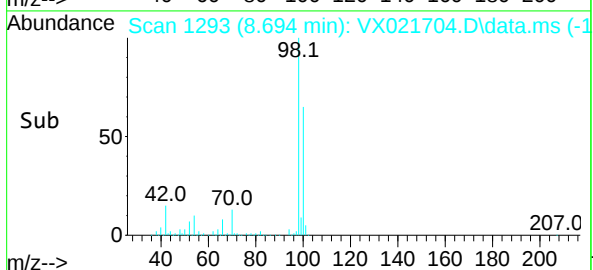
Tgt Ion:117 Resp: 6143
Ion Ratio Lower Upper
117 100
119 8.9 76.2 114.2#
121 0.0 24.8 37.2#

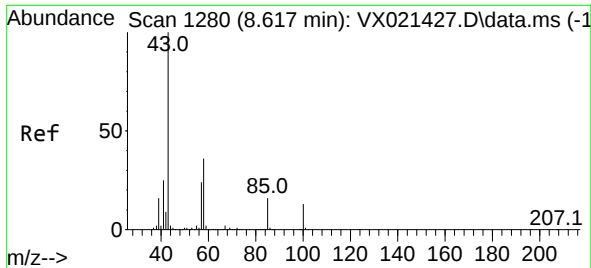


#50
Toluene-d8
Concen: 50.54 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53



Tgt Ion: 98 Resp: 130516
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

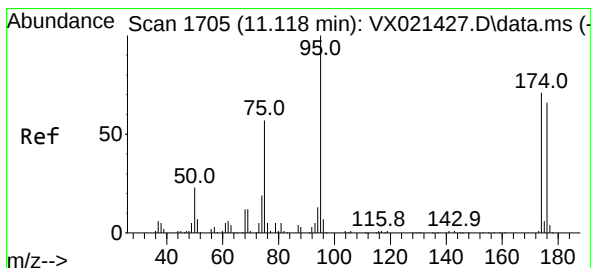
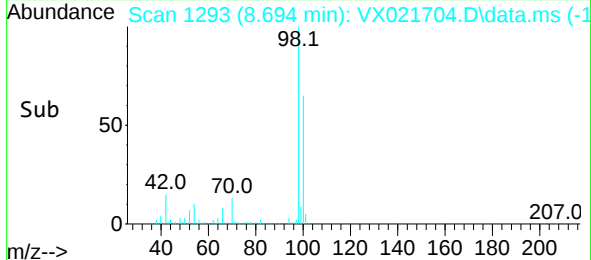
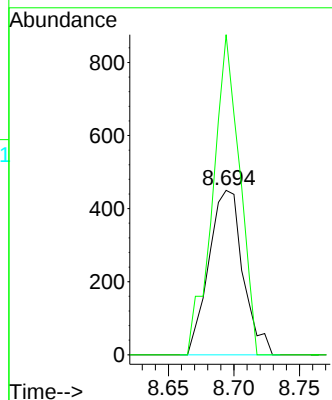
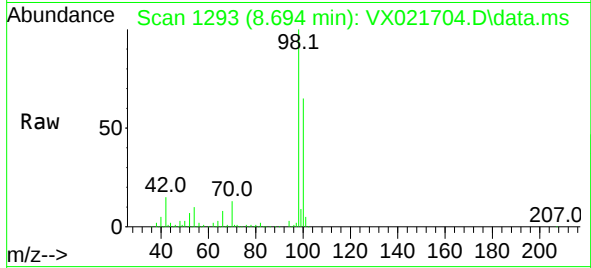




#51
4-Methyl-2-Pentanone
Concen: 0.71 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

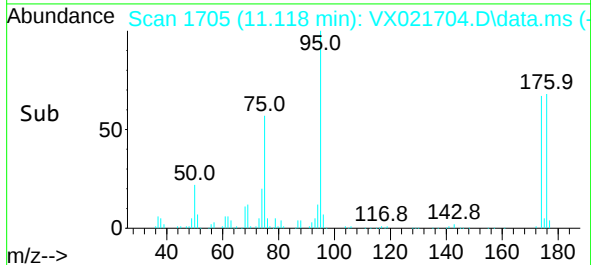
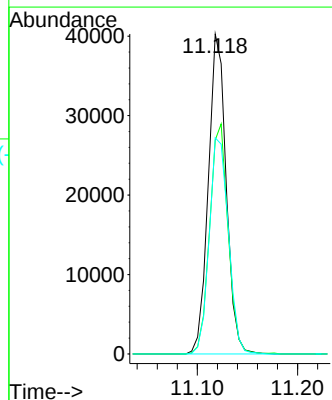
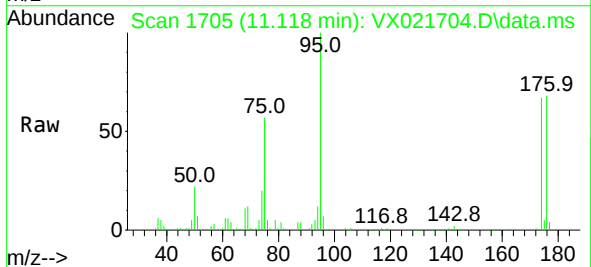
Instrument :
MSVOA_X
ClientSampled :
TB01-033121

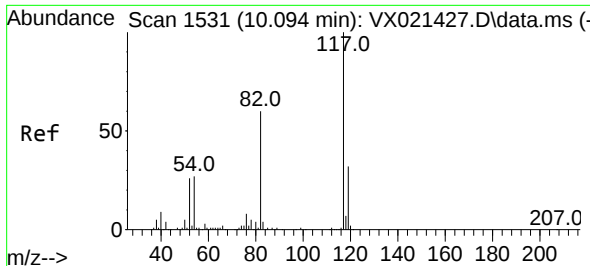
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 153.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 49.79 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

Tgt Ion: 95 Resp: 49990
Ion Ratio Lower Upper
95 100
174 74.0 0.0 154.6
176 72.6 0.0 155.8

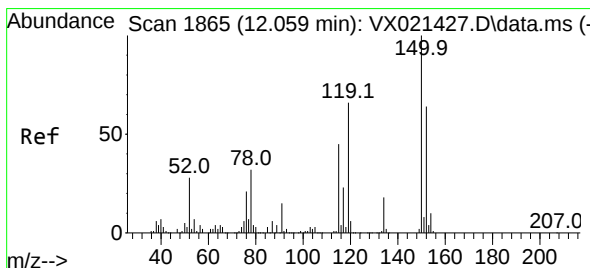
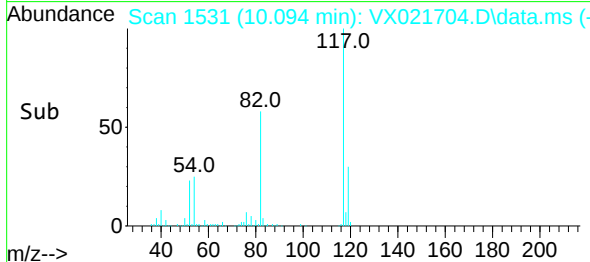
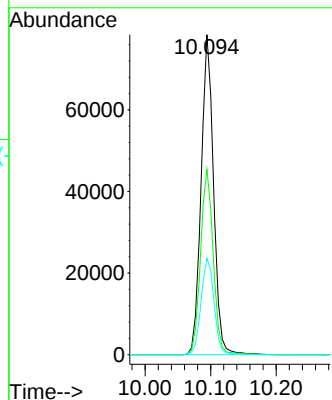
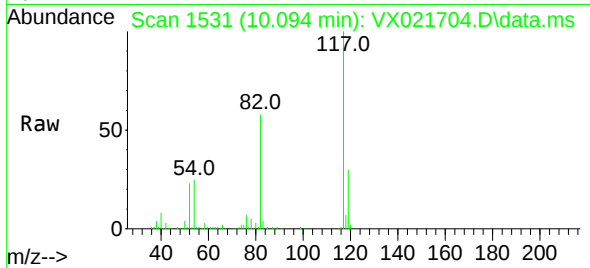




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

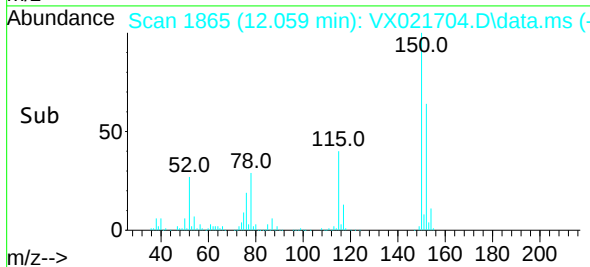
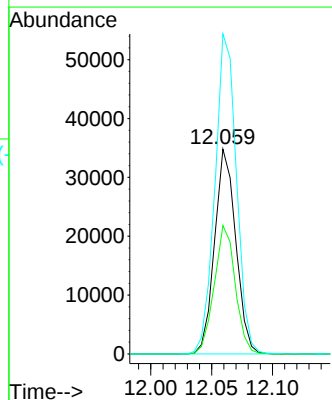
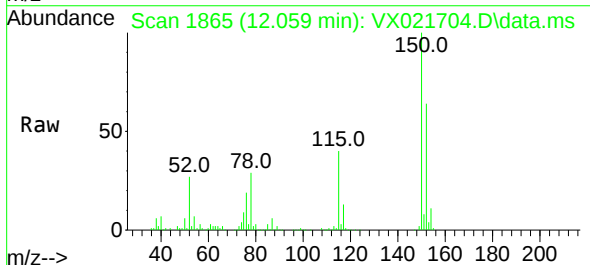
Instrument :
MSVOA_X
ClientSampleId :
TB01-033121

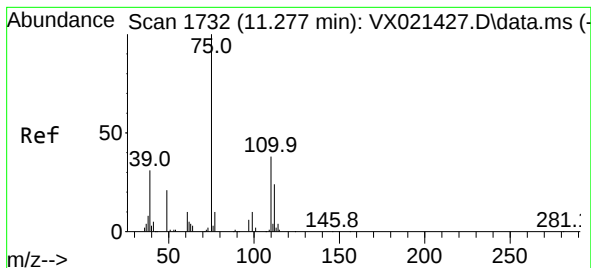
Tgt Ion:117 Resp: 103745
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 30.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

Tgt Ion:152 Resp: 42160
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 158.7 0.0 349.0

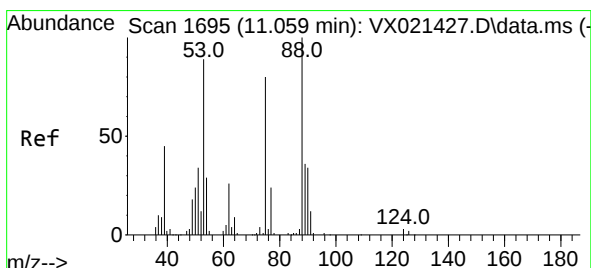
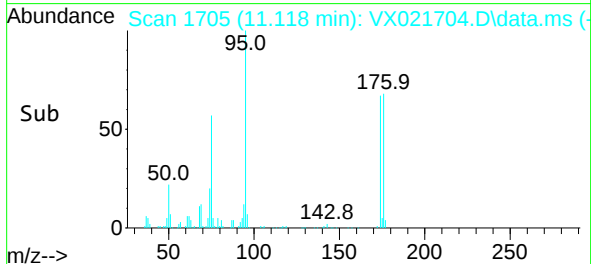
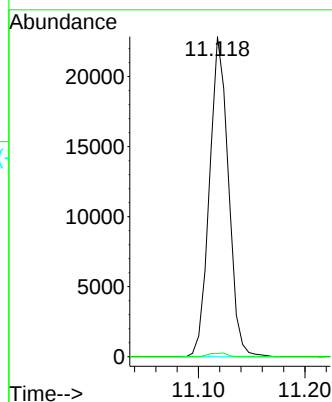
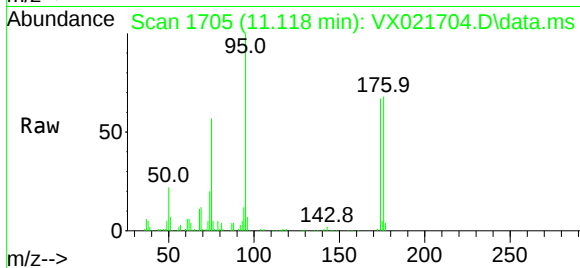




#76
1,2,3-Trichloropropane
Concen: 28.73 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

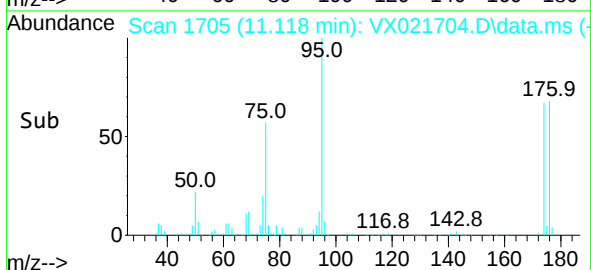
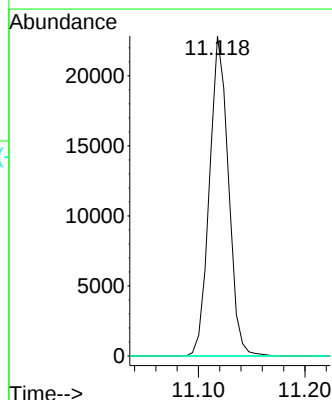
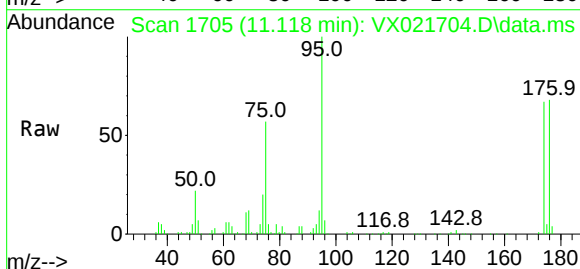
Instrument :
MSVOA_X
ClientSampleId :
TB01-033121

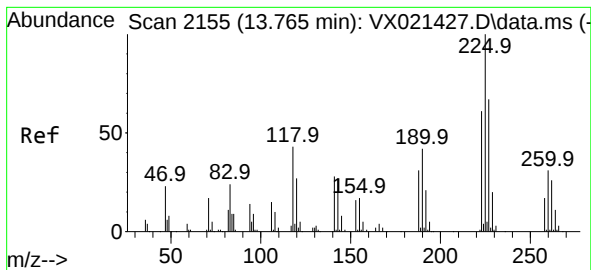
Tgt Ion: 75 Resp: 28197
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.51 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021704.D
Acq: 01 Apr 2021 13:53

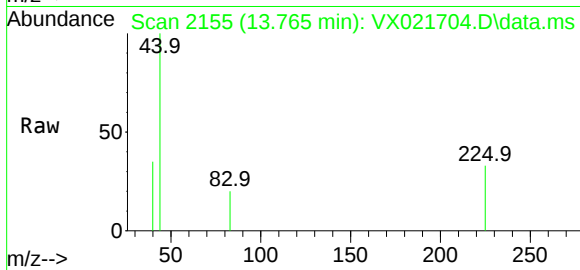
Tgt Ion: 75 Resp: 28197
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 0.24 ug/l
 RT: 13.765 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: VX021704.D
 Acq: 01 Apr 2021 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-033121



Tgt Ion:225 Resp: 92
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.2#
 227 19.6 31.6 95.0#

