

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021325.D
 Acq On : 20 Mar 2021 04:42
 Operator : JC/MD
 Sample : M1735-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20210315

Quant Time: Mar 20 07:55:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

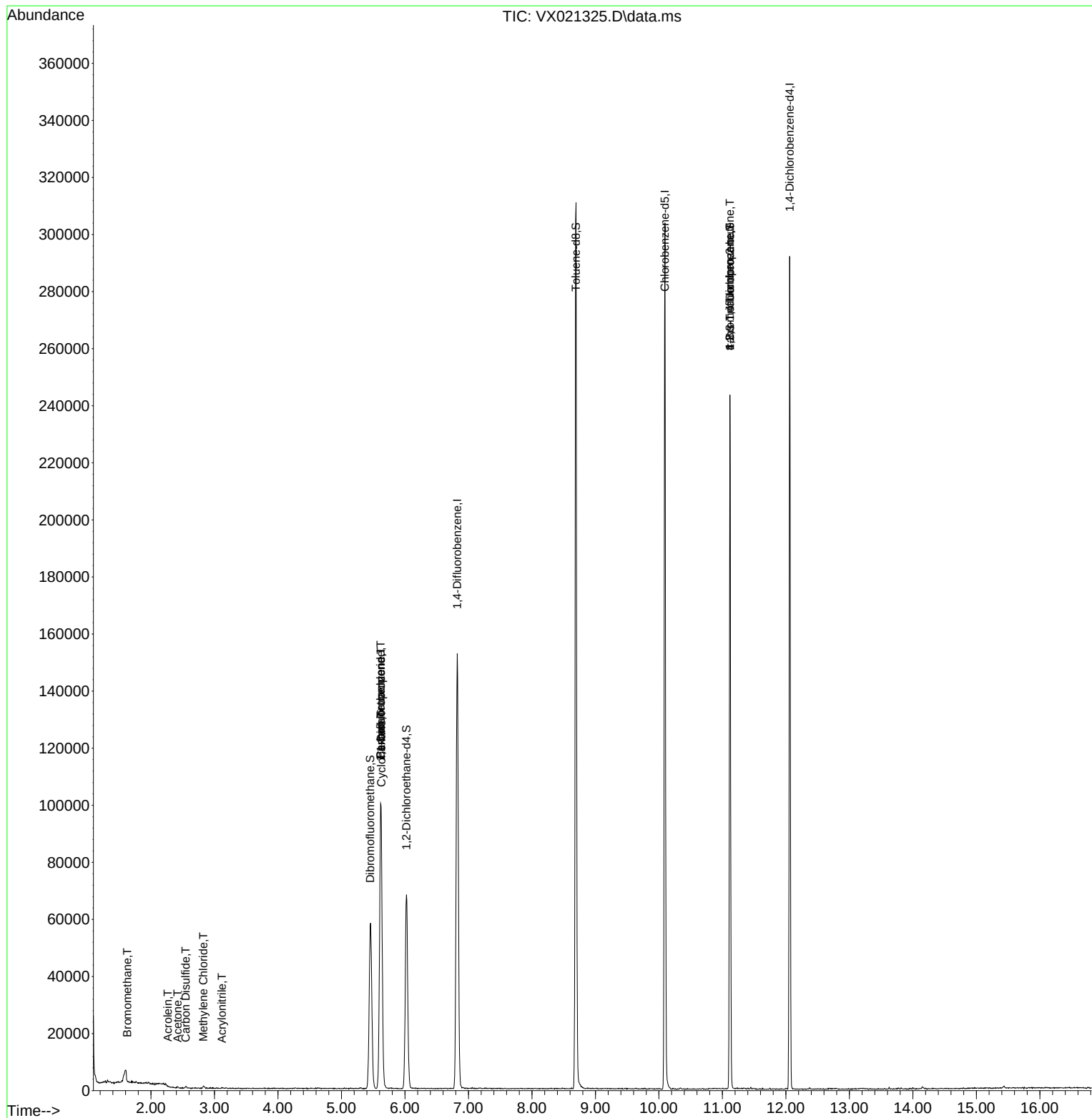
Internal Standards						
1) Pentafluorobenzene	5.617	168	86129	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.823	114	143794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	68003	48.14	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.28%		
35) Dibromofluoromethane	5.452	113	48302	49.36	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.72%		
50) Toluene-d8	8.694	98	175193	49.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.70%		
62) 4-Bromofluorobenzene	11.118	95	60804	44.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.20%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1495	Below Cal		95
5) Bromomethane	1.628	94	127	0.28 ug/l #		70
13) Acrolein	2.264	56	19	3.26 ug/l #		1
15) Acrylonitrile	3.117	53	112	0.20 ug/l #		47
16) Acetone	2.417	43	348	0.67 ug/l		95
17) Carbon Disulfide	2.546	76	561	0.75 ug/l #		67
20) Methylene Chloride	2.823	84	330	0.31 ug/l		90
31) Cyclohexane	5.629	56	2483	1.45 ug/l #		37
36) 1,1-Dichloropropene	5.623	75	7973	5.50 ug/l #		49
38) Carbon Tetrachloride	5.617	117	9704	6.45 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	34982	30.31 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	34982	82.28 ug/l #		12

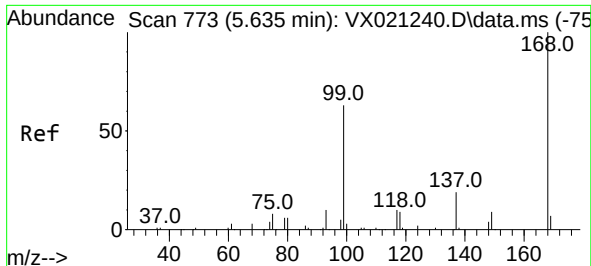
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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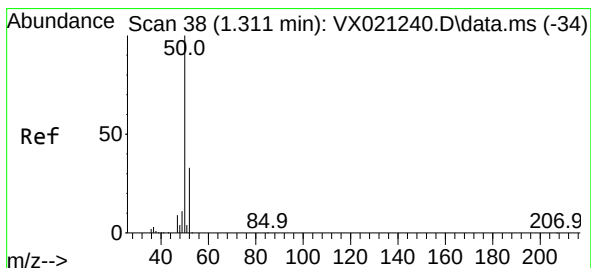
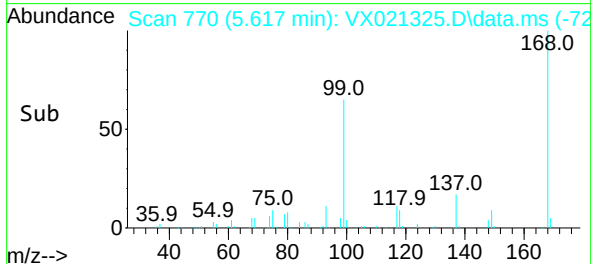
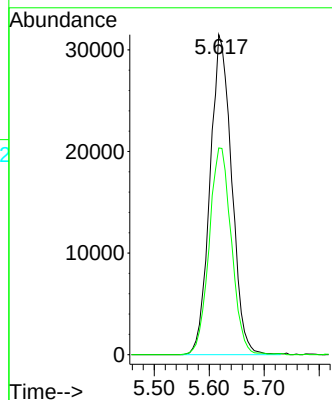
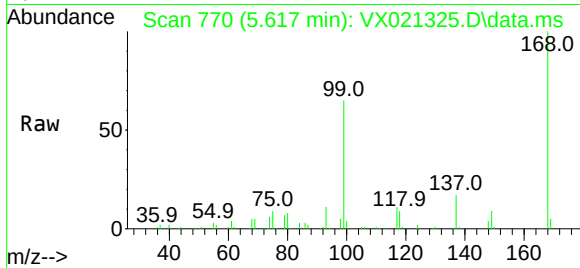




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.617 min Scan# 770
Delta R.T. -0.018 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

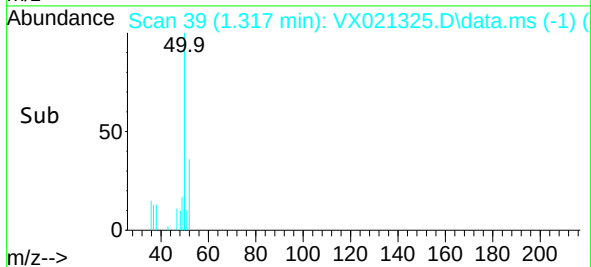
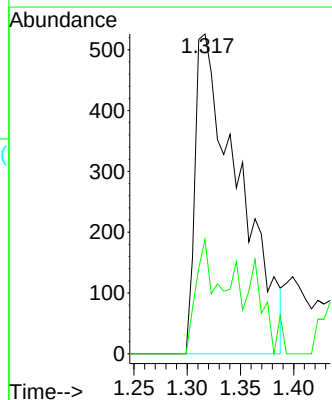
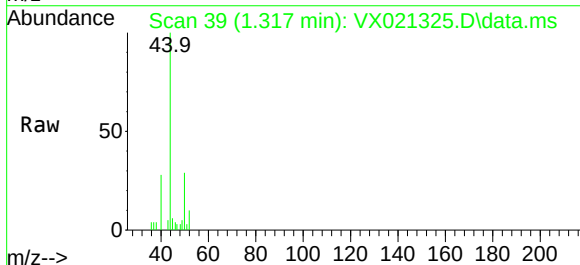
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20210315

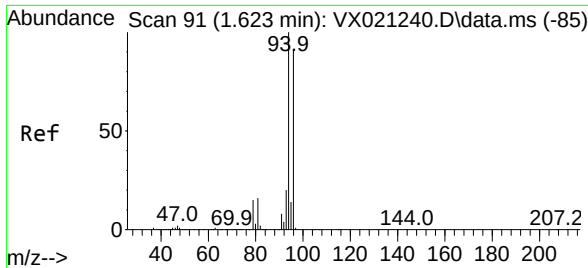
Tgt Ion:168 Resp: 86129
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

Tgt Ion: 50 Resp: 1495
Ion Ratio Lower Upper
50 100
52 35.7 26.4 39.6

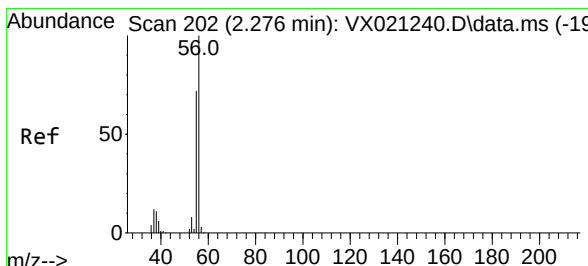
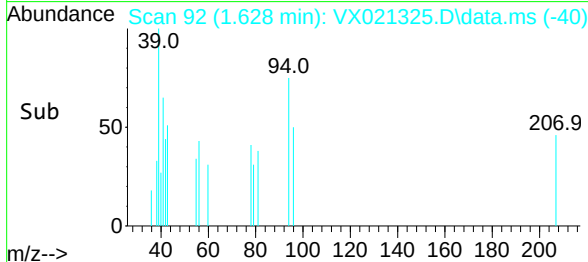
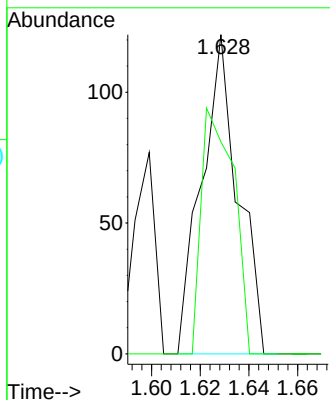
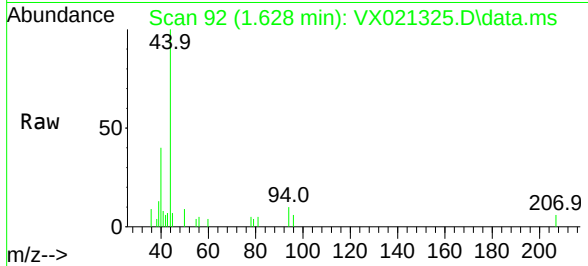




#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

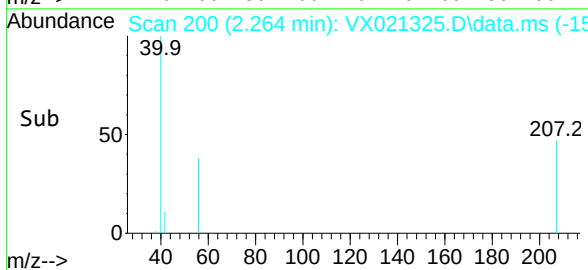
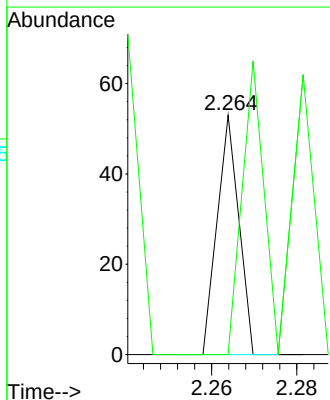
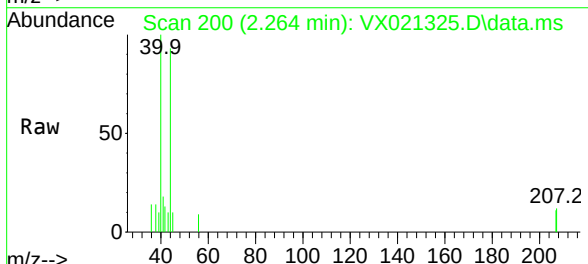
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20210315

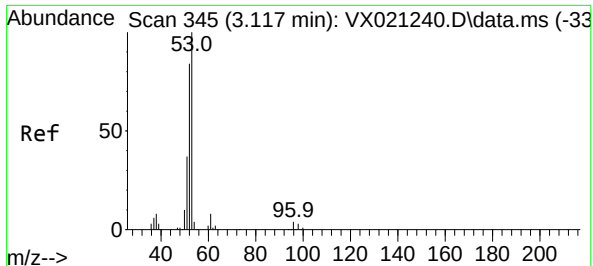
Tgt Ion: 94 Resp: 127
Ion Ratio Lower Upper
94 100
96 66.4 76.4 114.6#



#13
Acrolein
Concen: 3.26 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 236.8 56.4 84.6#

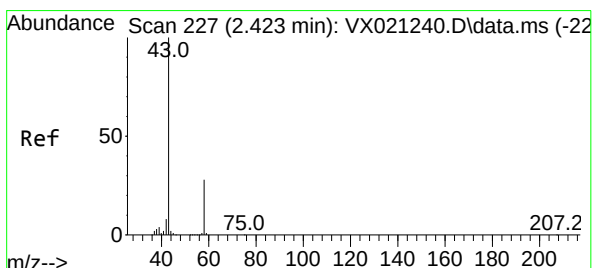
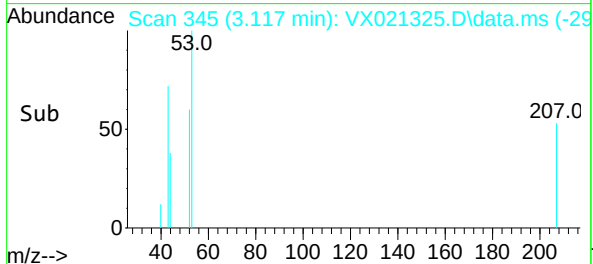
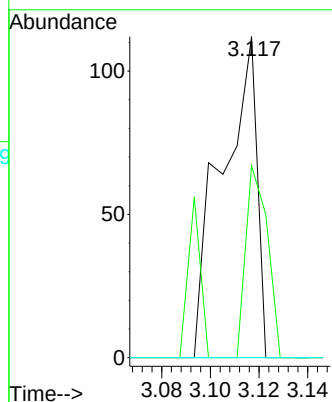
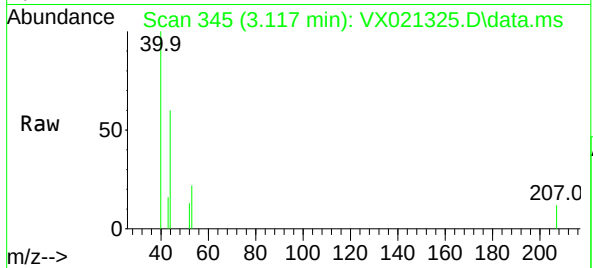




#15
Acrylonitrile
Concen: 0.20 ug/l
RT: 3.117 min Scan# 345
Delta R.T. -0.000 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

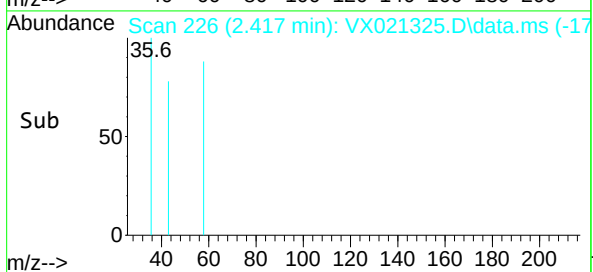
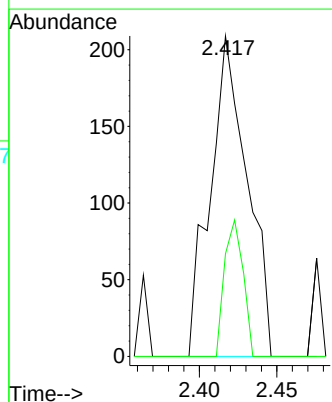
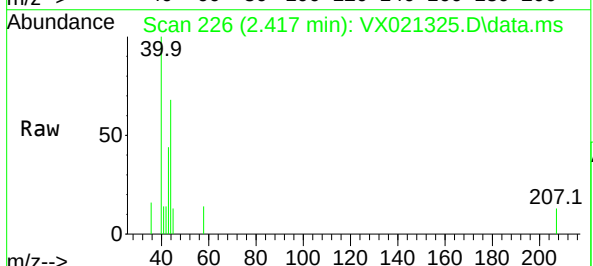
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20210315

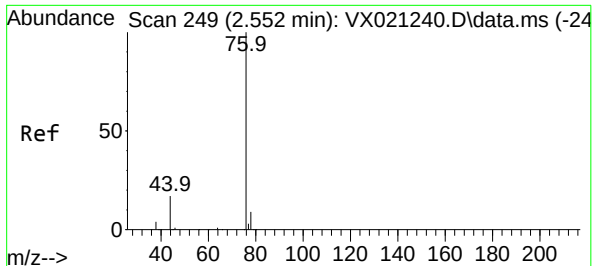
Tgt Ion: 53 Resp: 112
Ion Ratio Lower Upper
53 100
52 36.6 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 0.67 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
58 32.1 27.8 41.8

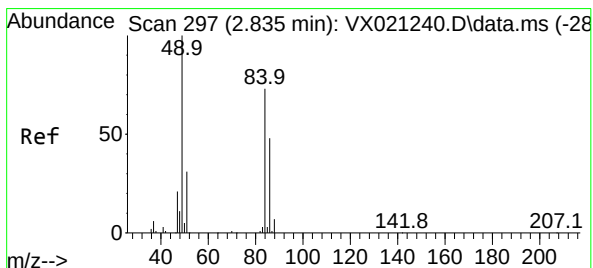
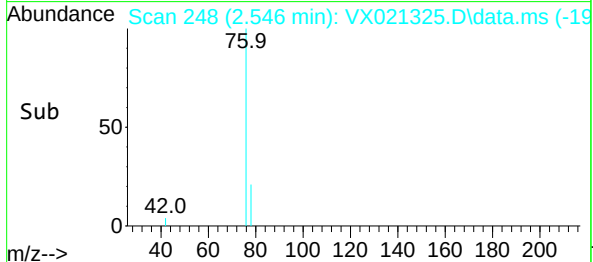
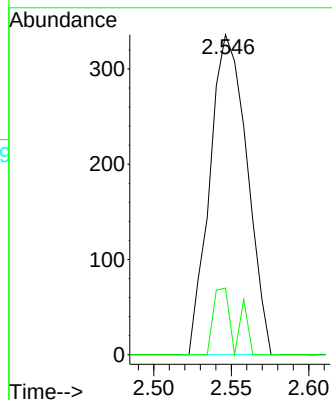
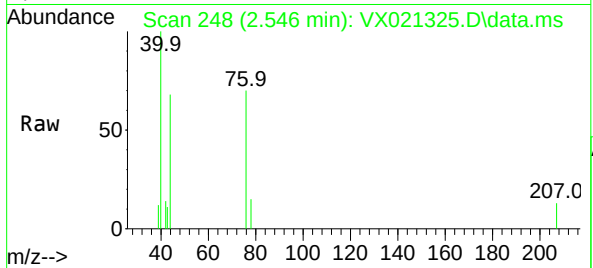




#17
Carbon Disulfide
Concen: 0.75 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

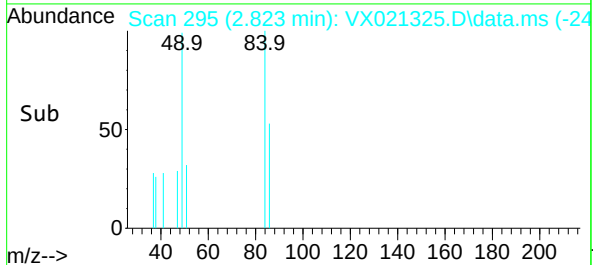
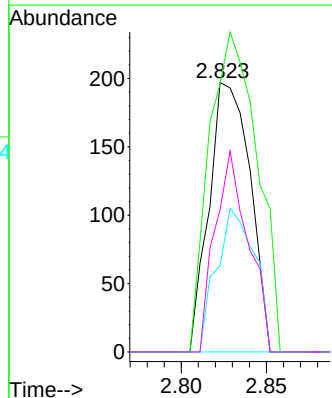
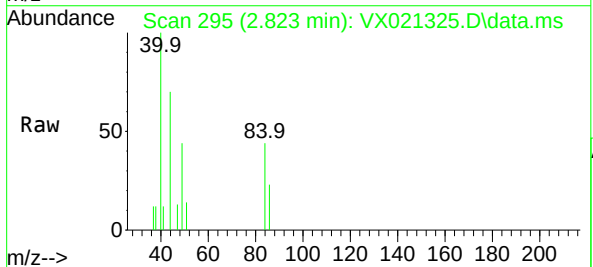
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20210315

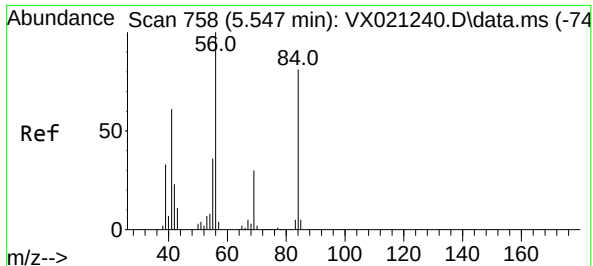
Tgt Ion: 76 Resp: 561
Ion Ratio Lower Upper
76 100
78 20.8 7.2 10.8#



#20
Methylene Chloride
Concen: 0.31 ug/l
RT: 2.823 min Scan# 295
Delta R.T. -0.012 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

Tgt Ion: 84 Resp: 330
Ion Ratio Lower Upper
84 100
49 99.5 88.6 132.8
51 32.0 27.0 40.6
86 52.8 50.3 75.5

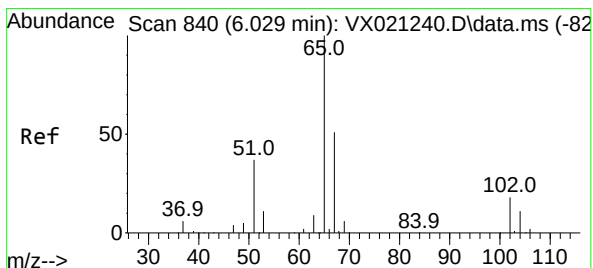
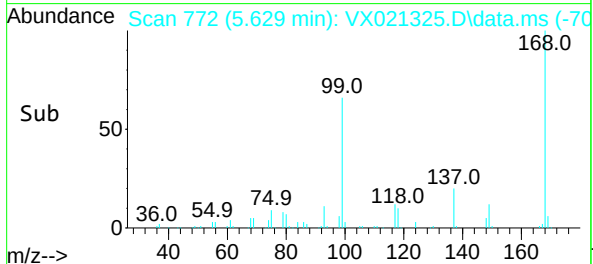
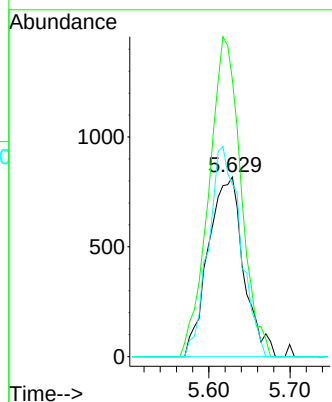
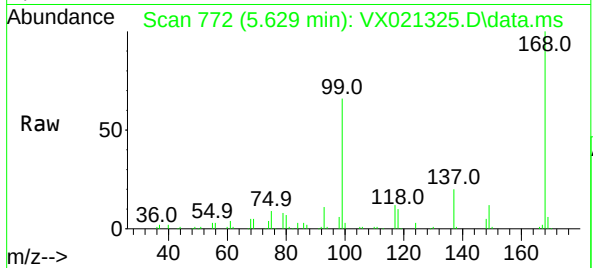




#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

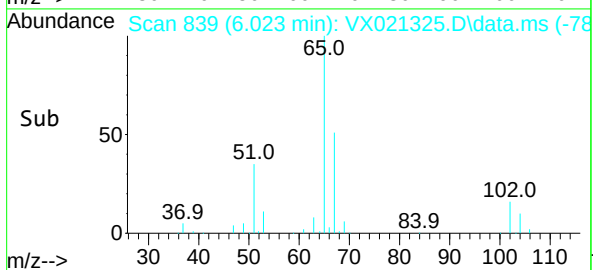
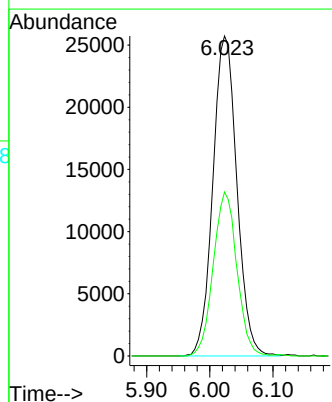
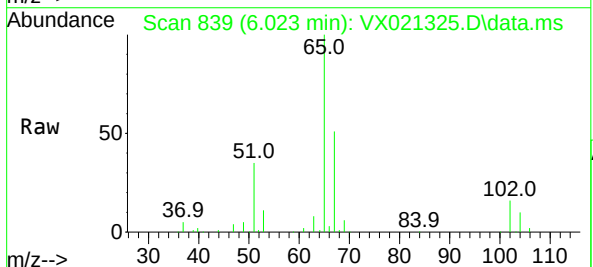
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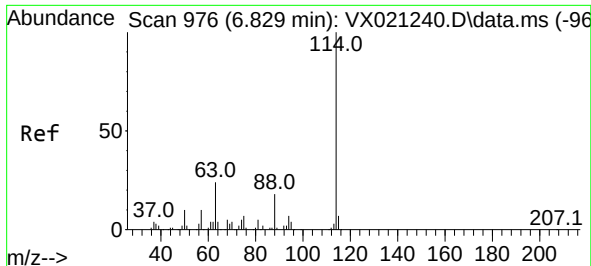
Tgt Ion: 56 Resp: 2483
Ion Ratio Lower Upper
56 100
69 154.3 25.3 37.9#
84 96.1 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.14 ug/l
RT: 6.023 min Scan# 839
Delta R.T. -0.006 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

Tgt Ion: 65 Resp: 68003
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

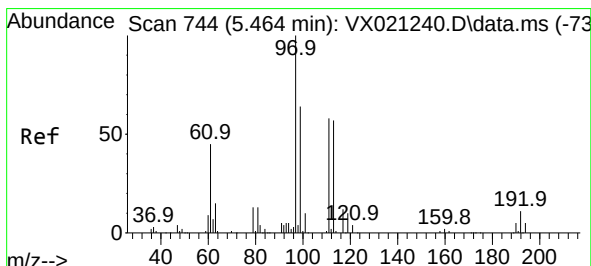
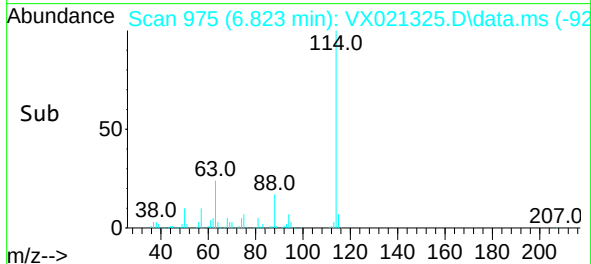
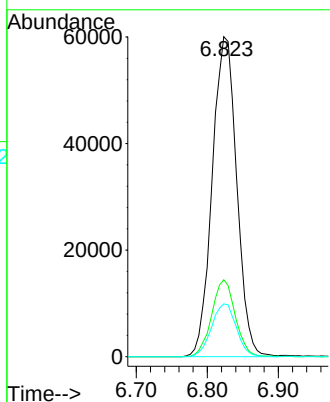
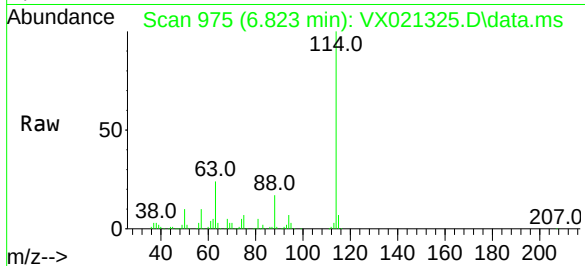




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.823 min Scan# 975
Delta R.T. -0.006 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

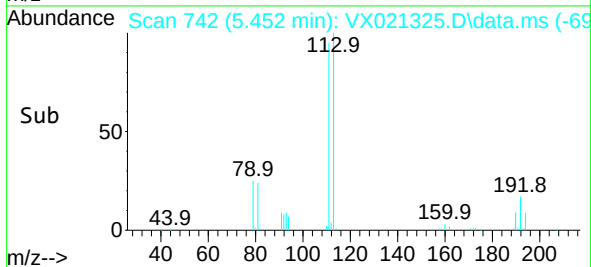
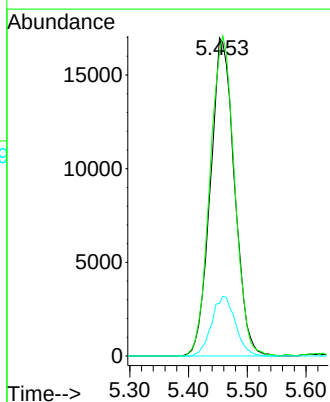
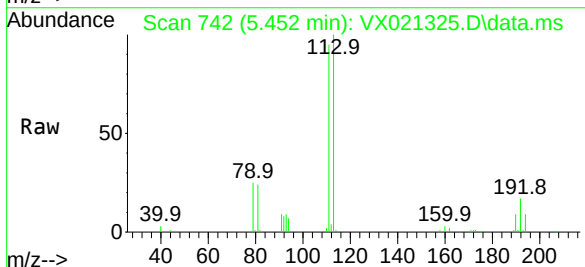
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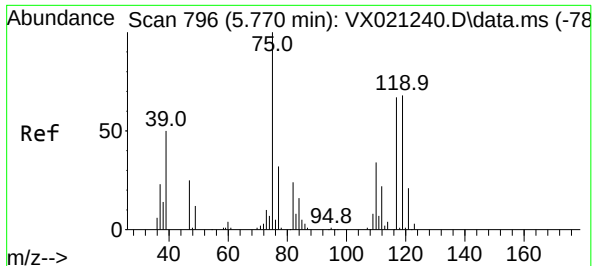
Tgt Ion:114 Resp: 143794
Ion Ratio Lower Upper
114 100
63 24.0 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.36 ug/l
RT: 5.452 min Scan# 742
Delta R.T. -0.012 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

Tgt Ion:113 Resp: 48302
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 18.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.50 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.147 min

Lab File: VX021325.D

Acq: 20 Mar 2021 04:42

Tgt Ion: 75 Resp: 7973

Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.4#

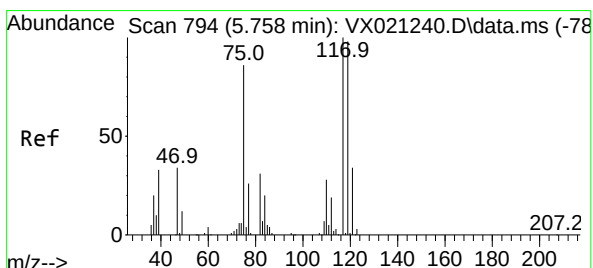
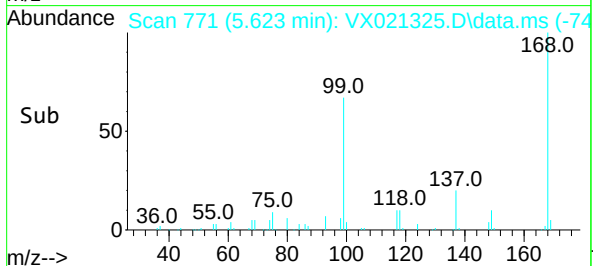
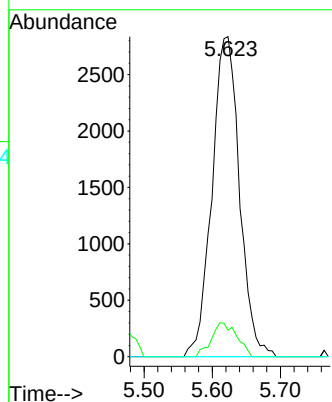
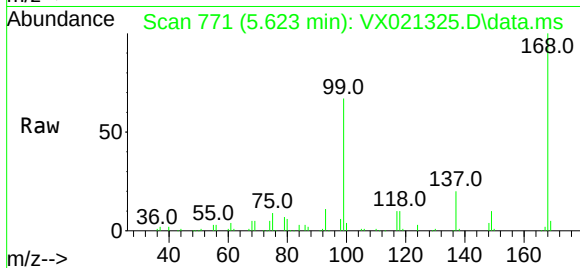
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

TB-01-20210315



#38

Carbon Tetrachloride

Concen: 6.45 ug/l

RT: 5.617 min Scan# 770

Delta R.T. -0.141 min

Lab File: VX021325.D

Acq: 20 Mar 2021 04:42

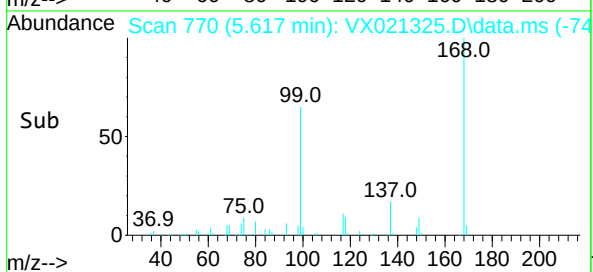
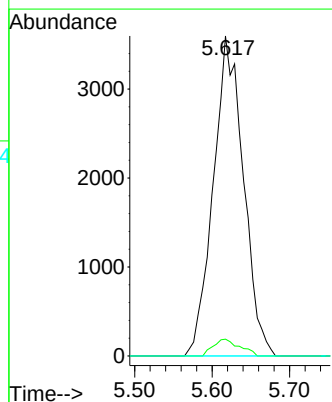
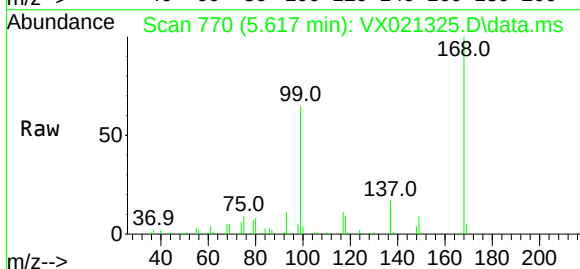
Tgt Ion: 117 Resp: 9704

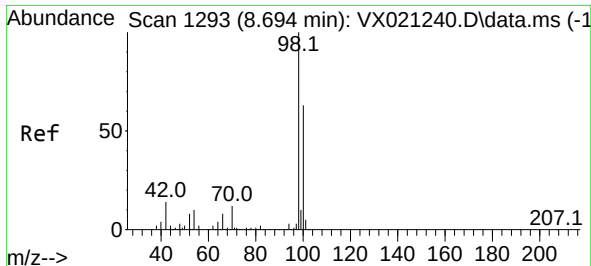
Ion Ratio Lower Upper

117 100

119 5.2 76.2 114.2#

121 0.0 24.8 37.2#

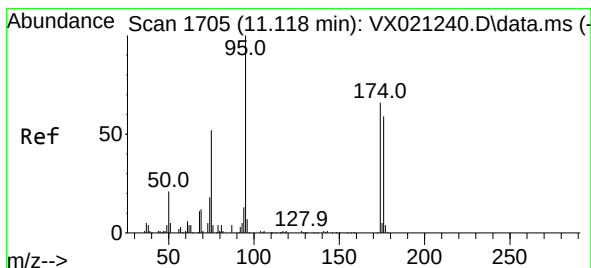
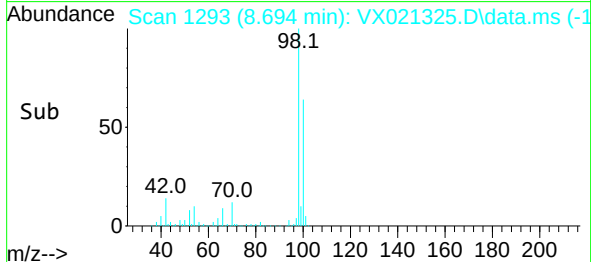
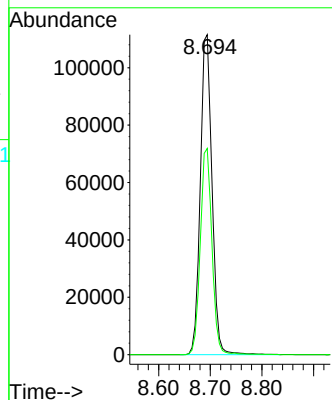
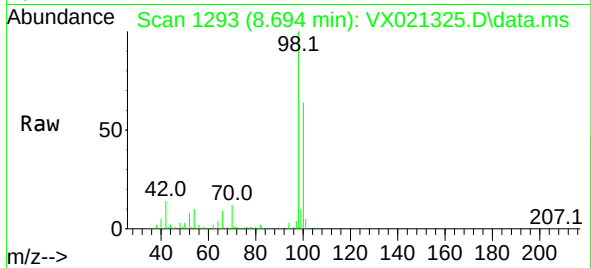




#50
Toluene-d8
Concen: 49.35 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

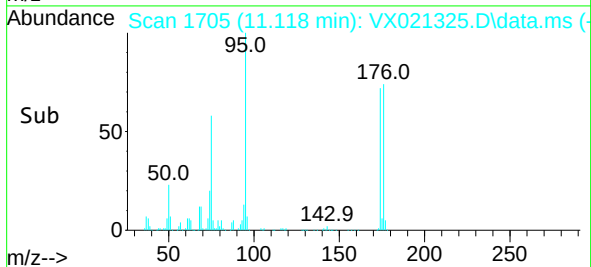
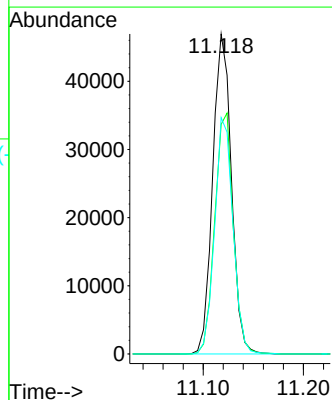
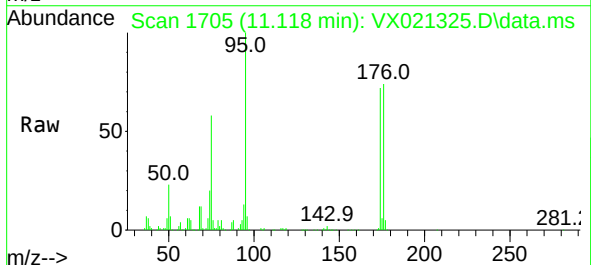
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20210315

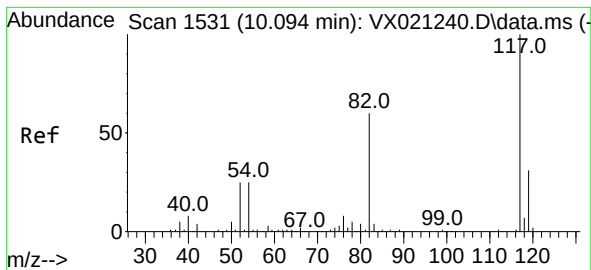
Tgt Ion: 98 Resp: 175193
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.10 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

Tgt Ion: 95 Resp: 60804
Ion Ratio Lower Upper
95 100
174 74.4 0.0 154.6
176 72.4 0.0 155.8

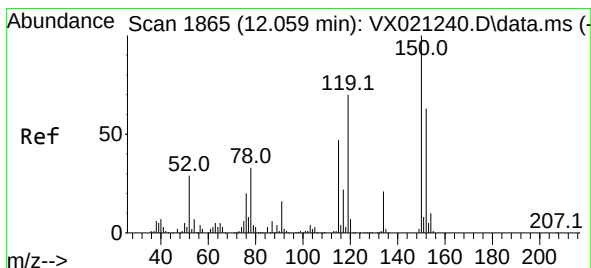
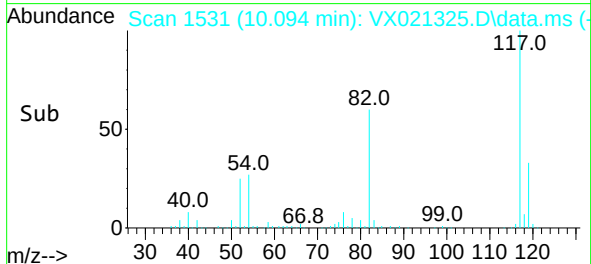
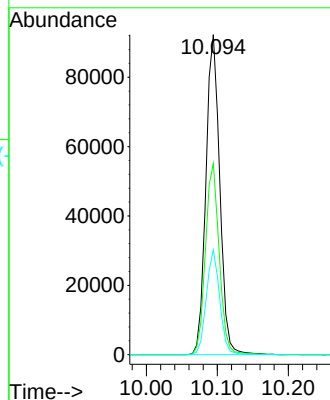
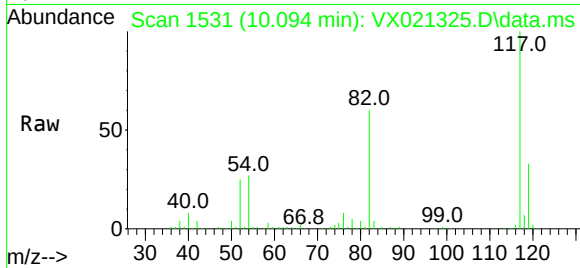




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

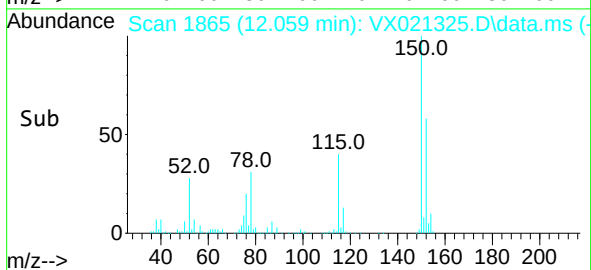
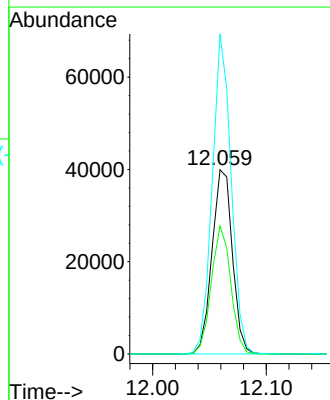
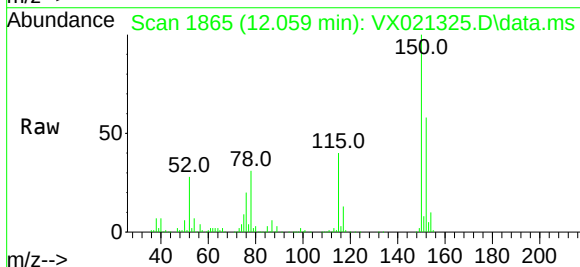
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20210315

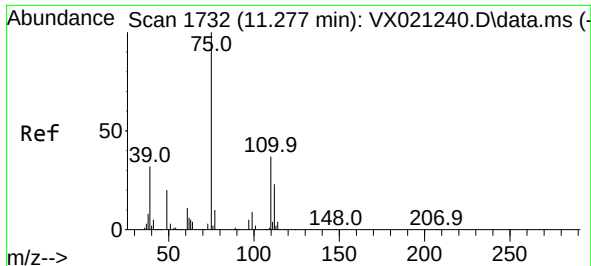
Tgt Ion:117 Resp: 125481
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

Tgt Ion:152 Resp: 49759
Ion Ratio Lower Upper
152 100
115 66.3 41.1 123.3
150 161.0 0.0 349.0

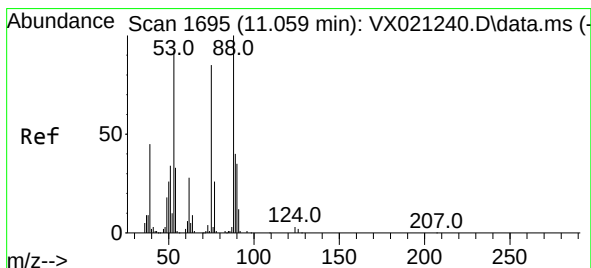
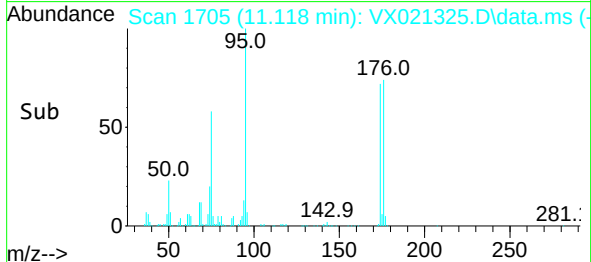
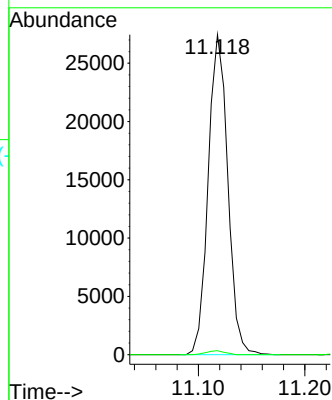
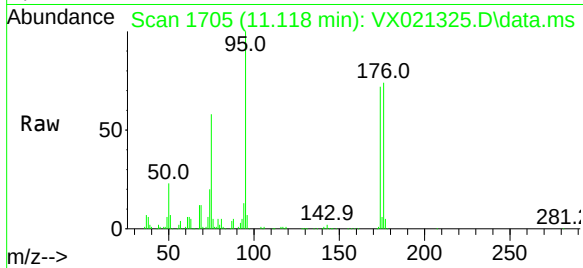




#76
1,2,3-Trichloropropane
Concen: 30.31 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

Instrument :
MSVOA_X
ClientSampleId :
TB-01-20210315

Tgt Ion: 75 Resp: 34982
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.28 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021325.D
Acq: 20 Mar 2021 04:42

Tgt Ion: 75 Resp: 34982
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

