

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022050.D
 Acq On : 17 May 2021 22:27
 Operator : JC/MD
 Sample : M2434-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-SB-2

Quant Time: May 18 02:24:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

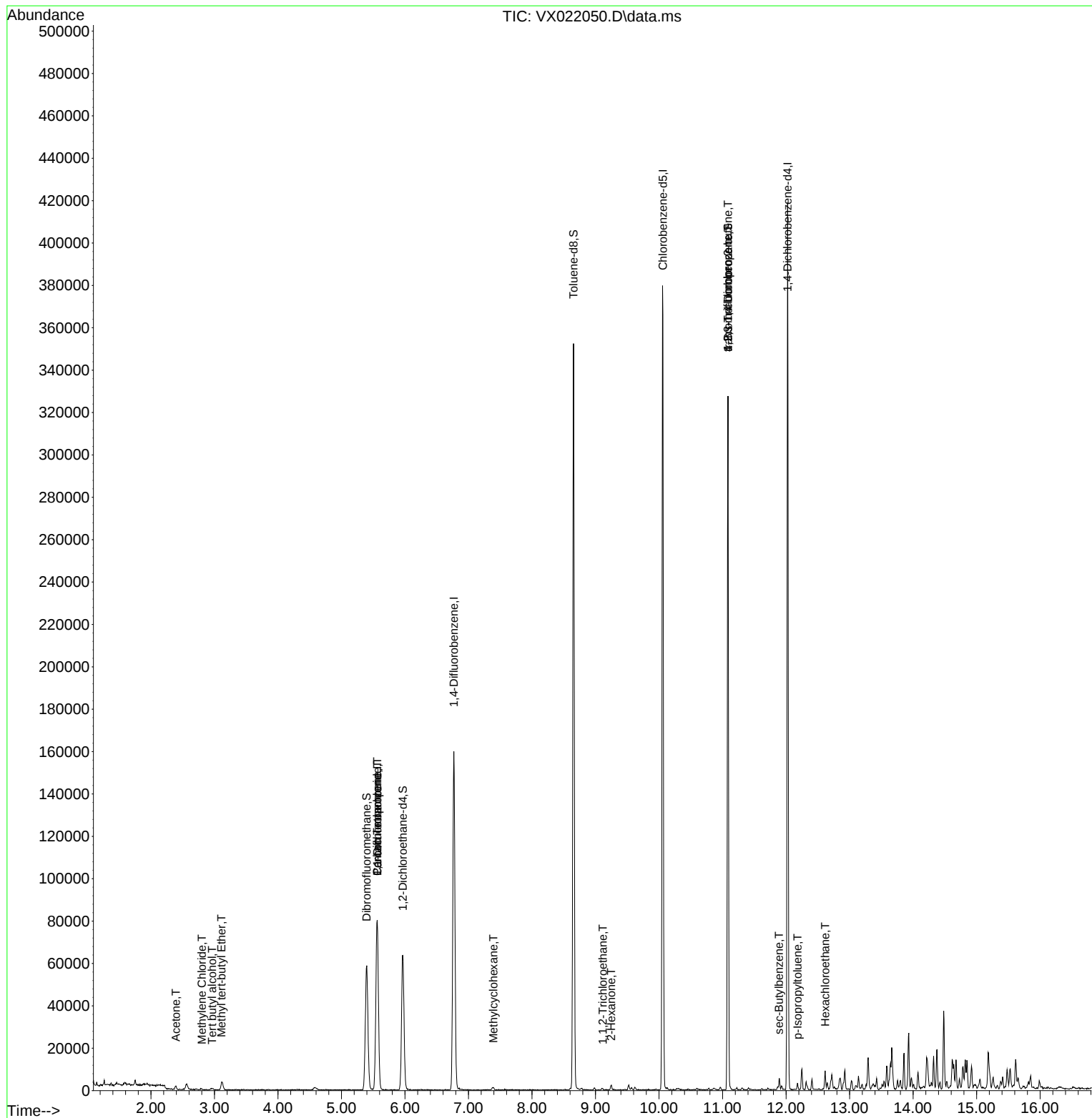
Internal Standards						
1) Pentafluorobenzene	5.562	168	70936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	160776	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	167923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60146	51.52	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.04%			
35) Dibromofluoromethane	5.397	113	50702	46.02	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.04%			
50) Toluene-d8	8.653	98	204782	48.70	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.40%			
62) 4-Bromofluorobenzene	11.085	95	89026	53.65	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.30%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	735	2.36	ug/l #	73
13) Acrolein	2.203	56	65	Below Cal	#	1
16) Acetone	2.392	43	1768	3.38	ug/l #	77
19) Methyl tert-butyl Ether	3.111	73	4184	1.36	ug/l	99
20) Methylene Chloride	2.800	84	144	0.28	ug/l #	63
36) 1,1-Dichloropropene	5.562	75	6363	3.73	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7943	4.66	ug/l #	18
39) Methylcyclohexane	7.391	83	630	0.33	ug/l #	63
55) 1,1,2-Trichloroethane	9.116	97	313	0.24	ug/l #	15
59) 2-Hexanone	9.244	43	1400	0.84	ug/l	69
76) 1,2,3-Trichloropropane	11.085	75	44805	20.75	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	44805	48.13	ug/l #	12
85) sec-Butylbenzene	11.890	105	2805	0.40	ug/l	79
86) p-Isopropyltoluene	12.183	119	1295	0.22	ug/l	84
90) Hexachloroethane	12.616	117	397	0.37	ug/l #	9

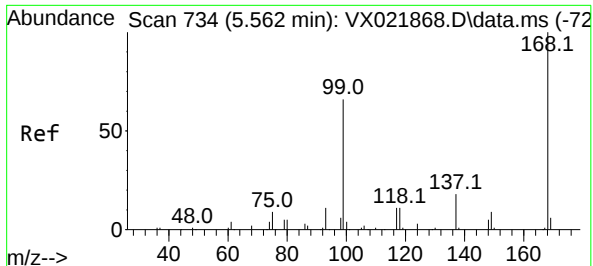
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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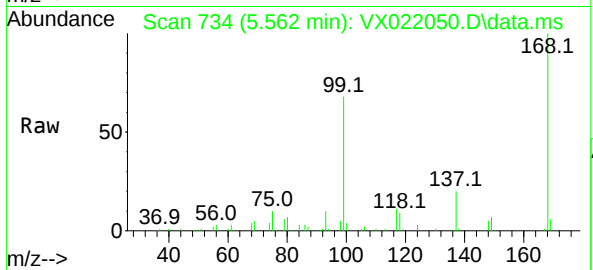
Quant Time: May 18 02:24:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
QLast Update : Sat May 08 05:38:18 2021
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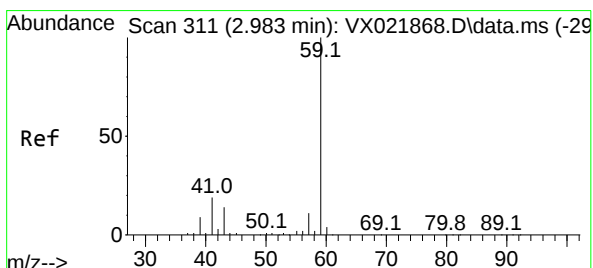
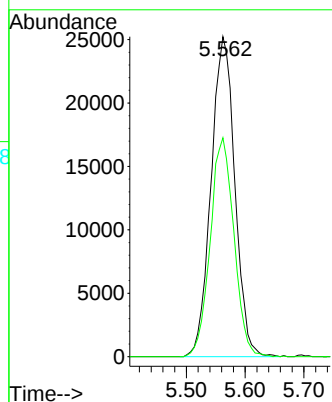
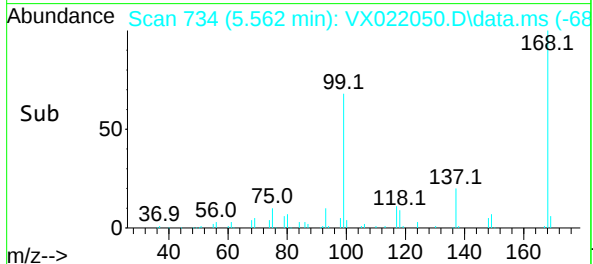


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

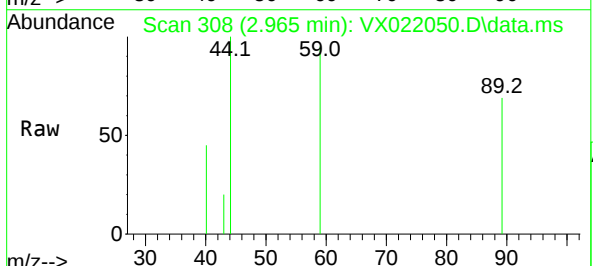
Instrument :
MSVOA_X
ClientSampleId :
TW-SB-2



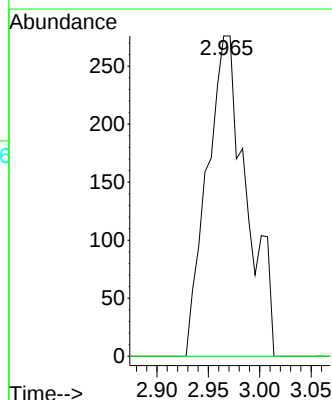
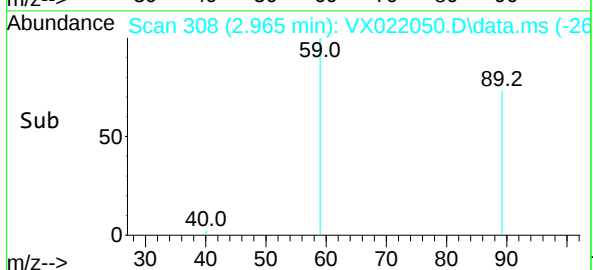
Tgt Ion:168 Resp: 70936
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6

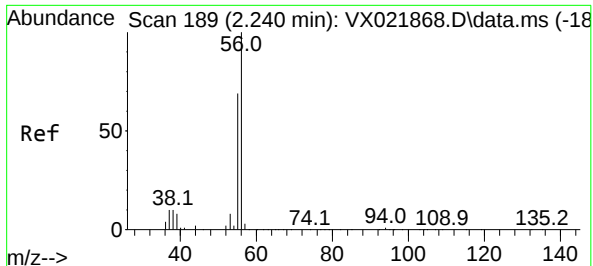


#11
Tert butyl alcohol
Concen: 2.36 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27



Tgt Ion: 59 Resp: 735
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

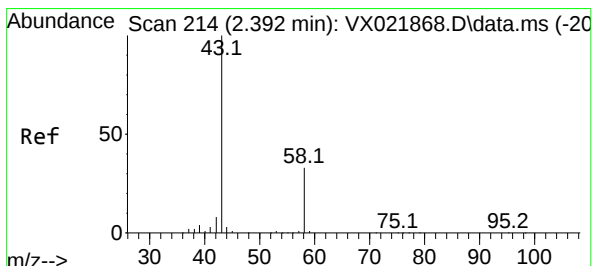
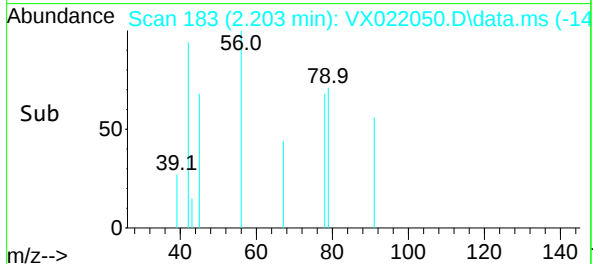
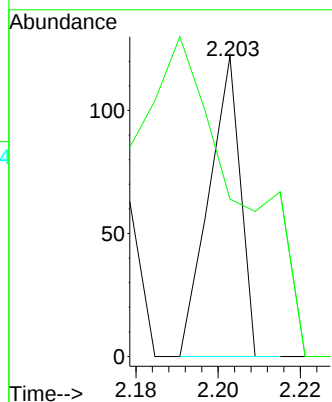
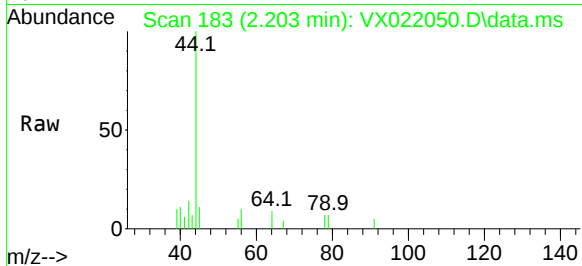




#13
Acrolein
Concen: Below Cal
RT: 2.203 min Scan# 183
Delta R.T. -0.037 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

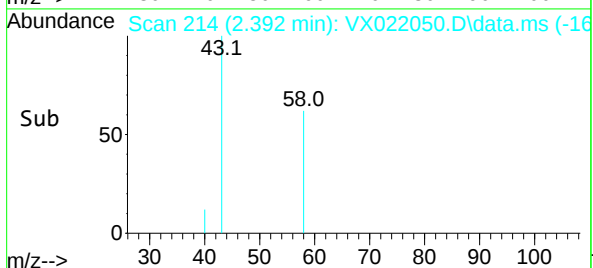
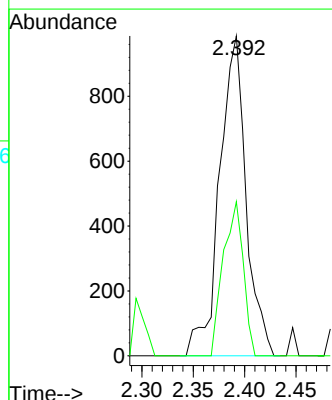
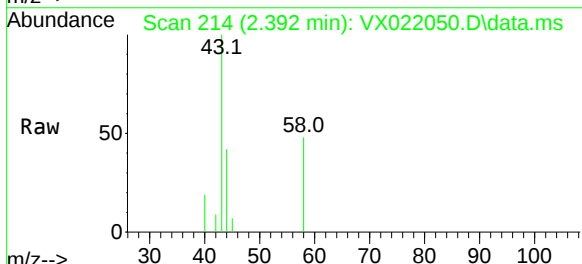
Instrument :
MSVOA_X
ClientSampleId :
TW-SB-2

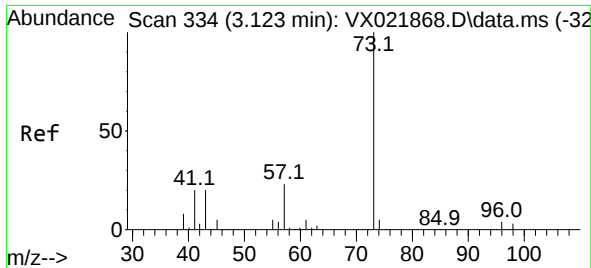
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 343.1 56.4 84.6#



#16
Acetone
Concen: 3.38 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
58 48.2 27.8 41.8#

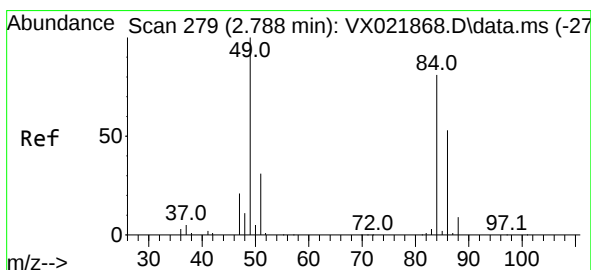
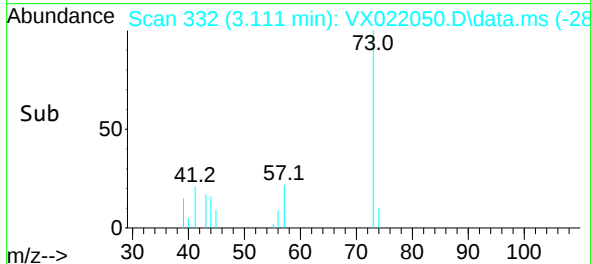
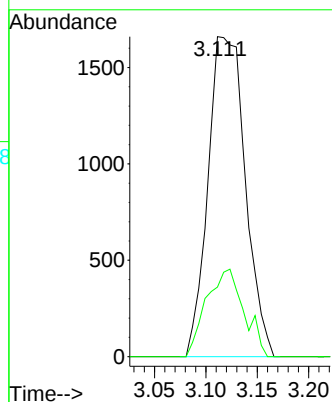
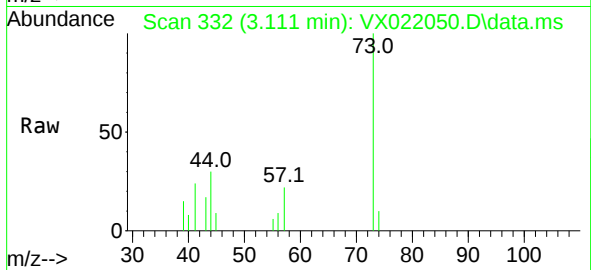




#19
Methyl tert-butyl Ether
Concen: 1.36 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.012 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

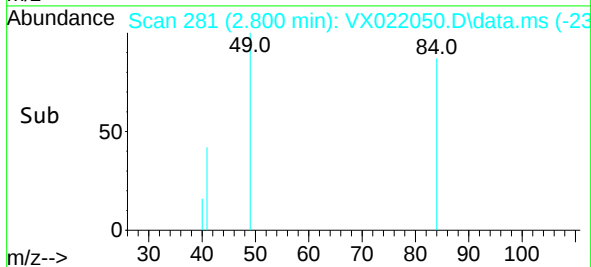
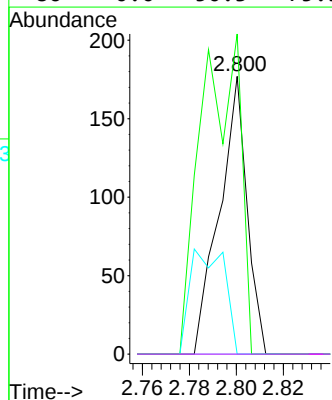
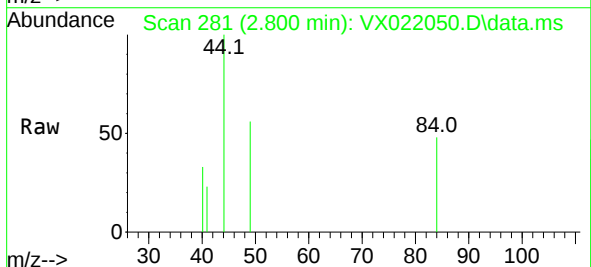
Instrument :
MSVOA_X
ClientSampled :
TW-SB-2

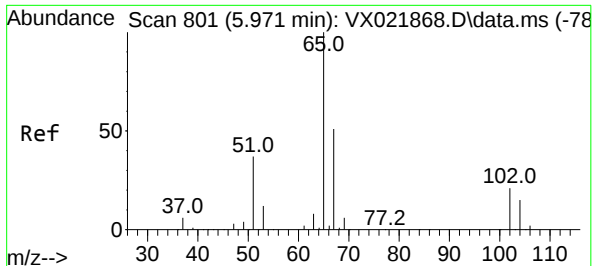
Tgt Ion: 73 Resp: 4184
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7



#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

Tgt Ion: 84 Resp: 144
Ion Ratio Lower Upper
84 100
49 115.3 88.6 132.8
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 51.52 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX022050.D

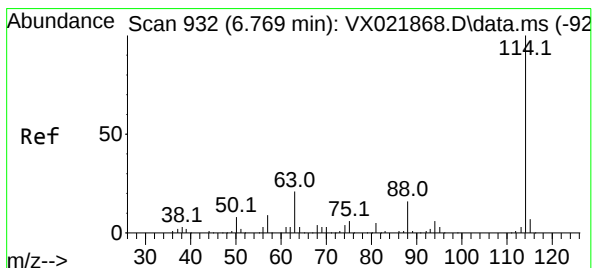
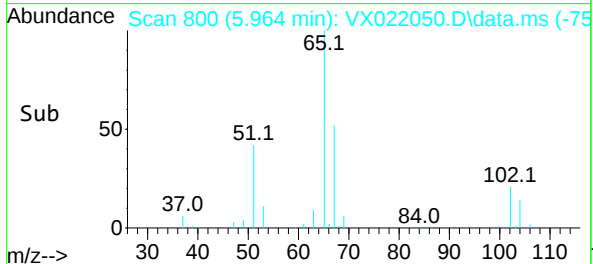
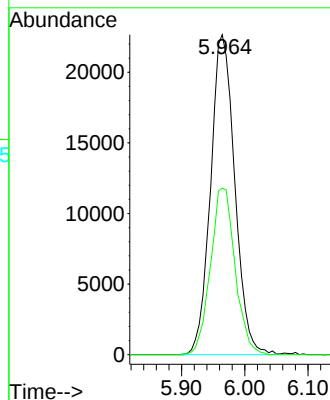
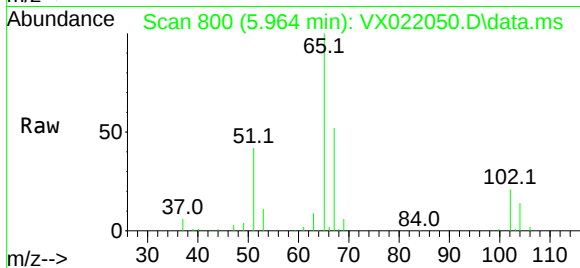
Acq: 17 May 2021 22:27

Tgt Ion: 65 Resp: 60146

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022050.D

Acq: 17 May 2021 22:27

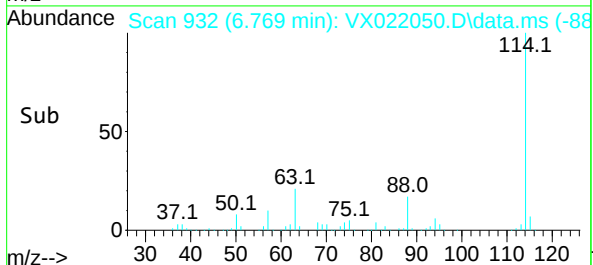
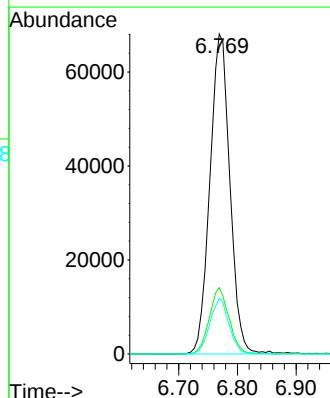
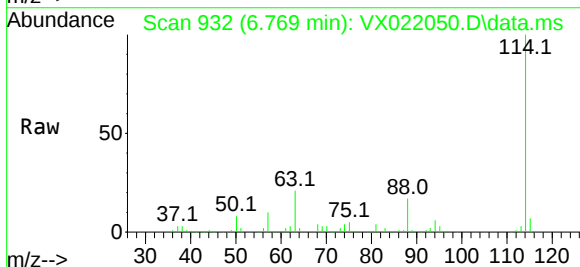
Tgt Ion: 114 Resp: 160776

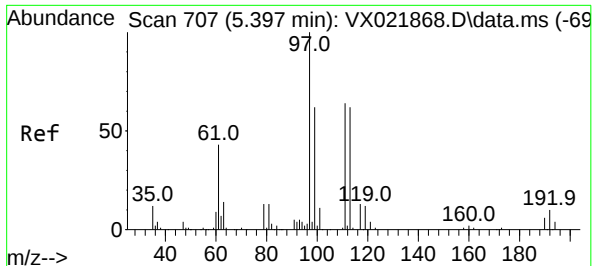
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.02 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022050.D

Acq: 17 May 2021 22:27

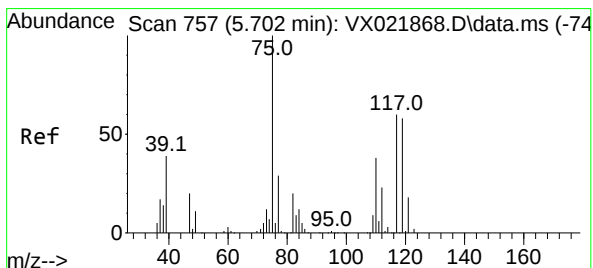
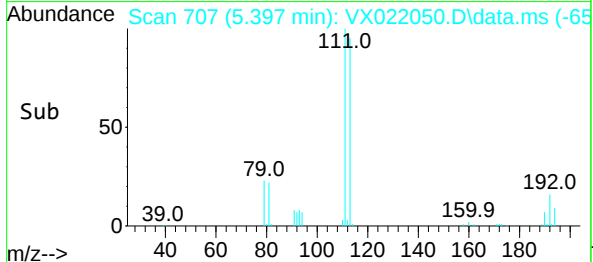
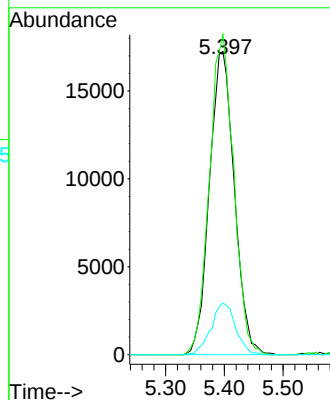
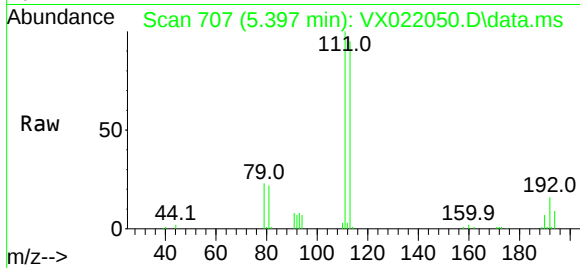
Tgt Ion:113 Resp: 50702

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 16.8 16.7 25.1



#36

1,1-Dichloropropene

Concen: 3.73 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022050.D

Acq: 17 May 2021 22:27

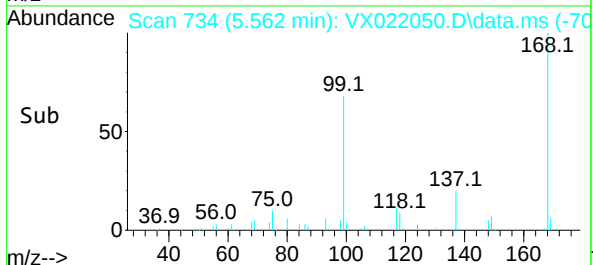
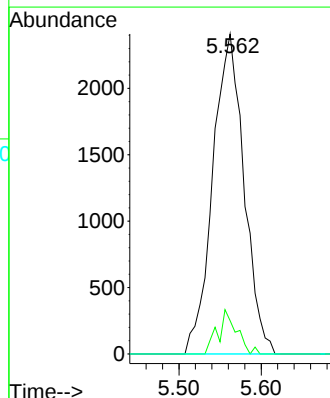
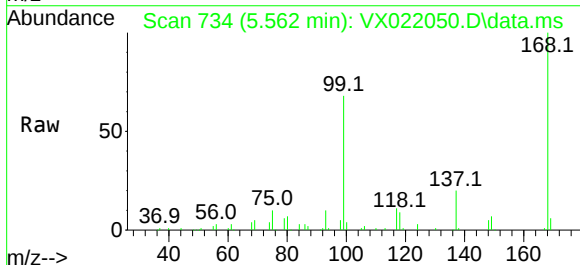
Tgt Ion: 75 Resp: 6363

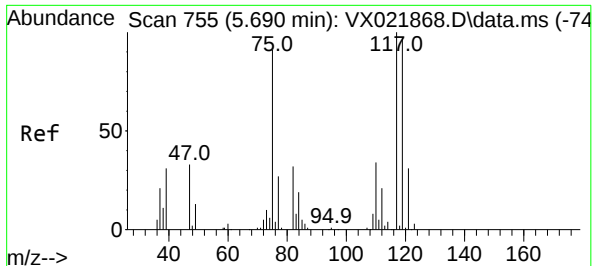
Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.4#

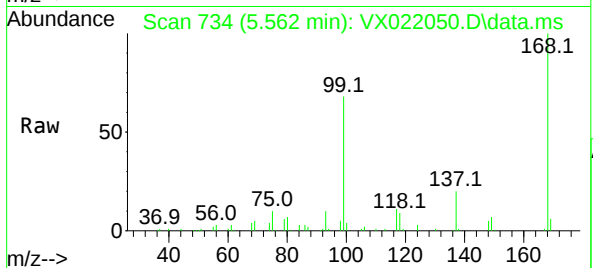
77 0.0 25.3 37.9#



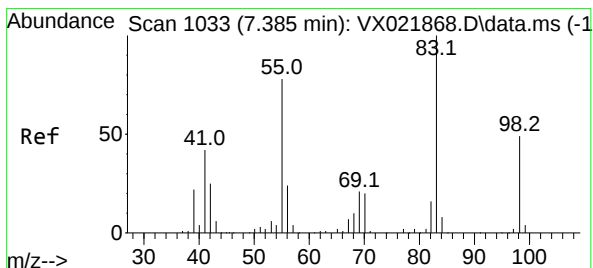
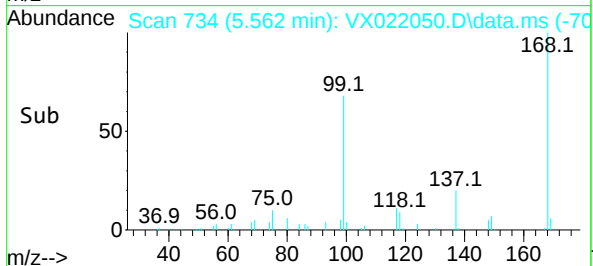
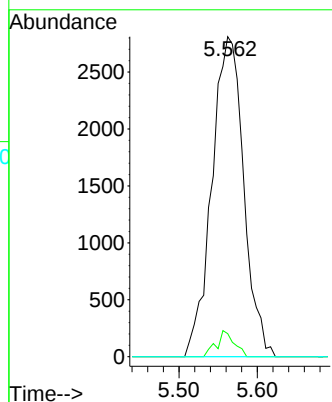


#38
Carbon Tetrachloride
Concen: 4.66 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

Instrument :
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TW-SB-2

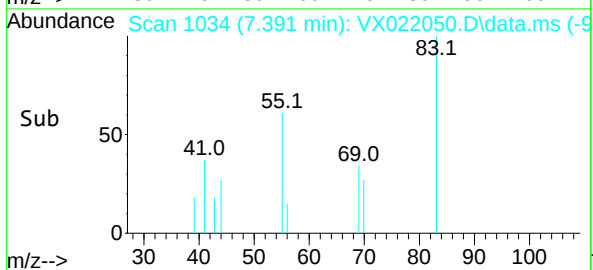
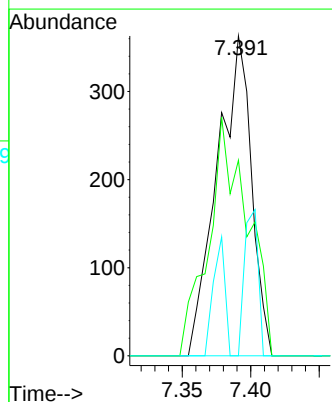
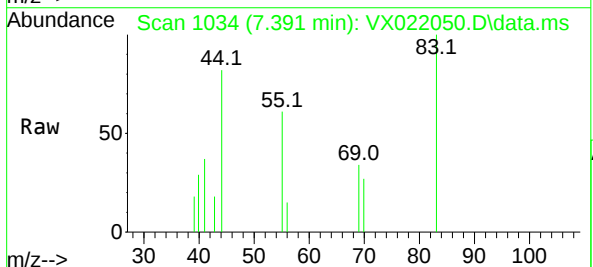


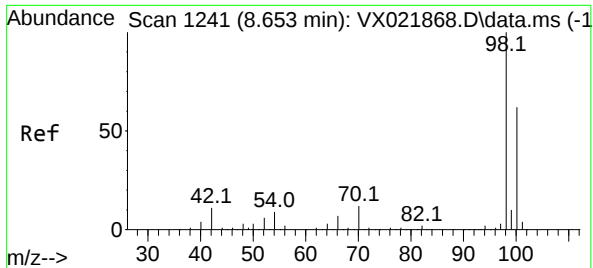
Tgt Ion: 117 Resp: 7943
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.33 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

Tgt Ion: 83 Resp: 630
Ion Ratio Lower Upper
83 100
55 61.2 58.9 88.3
98 0.0 38.1 57.1#

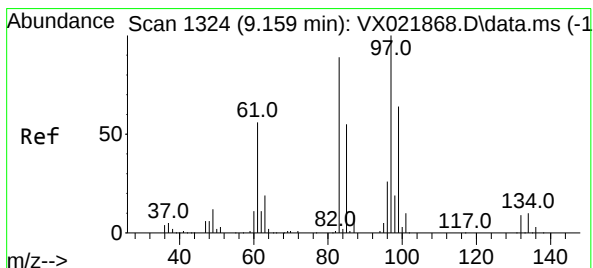
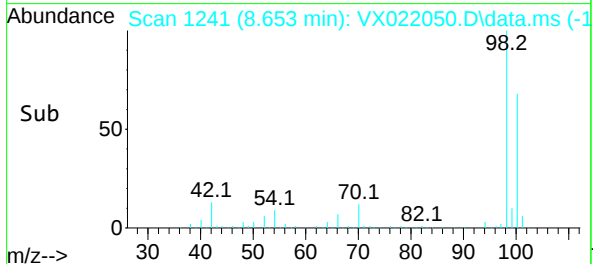
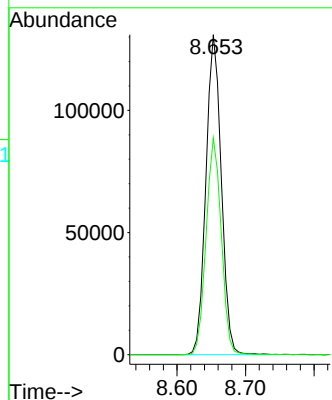
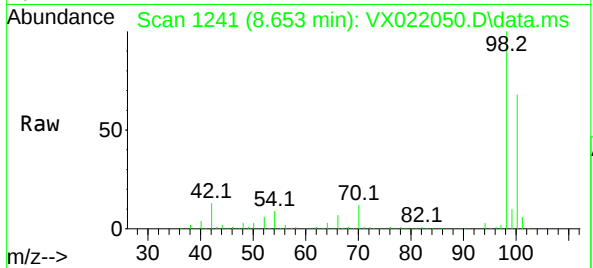




#50
Toluene-d8
Concen: 48.70 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

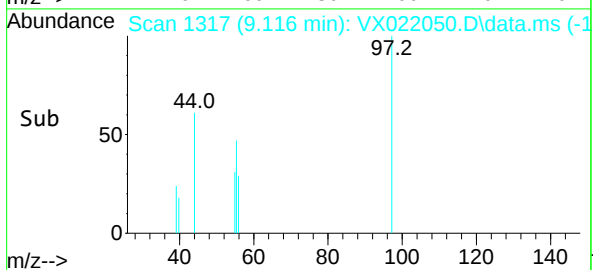
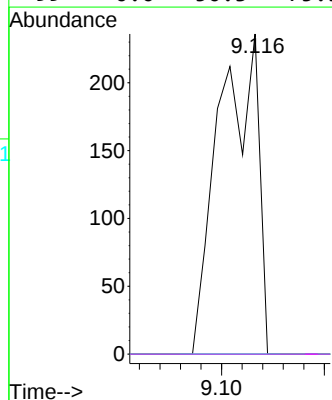
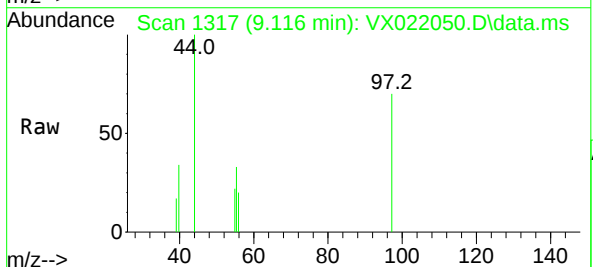
Instrument :
MSVOA_X
ClientSampleId :
TW-SB-2

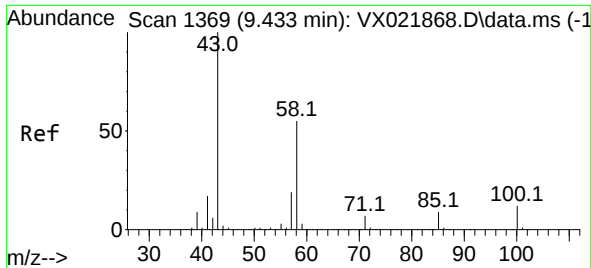
Tgt Ion: 98 Resp: 204782
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 0.24 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.043 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

Tgt Ion: 97 Resp: 313
Ion Ratio Lower Upper
97 100
83 0.0 69.3 103.9#
85 0.0 44.3 66.5#
99 0.0 50.3 75.5#

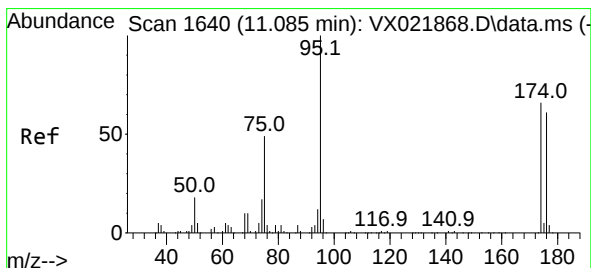
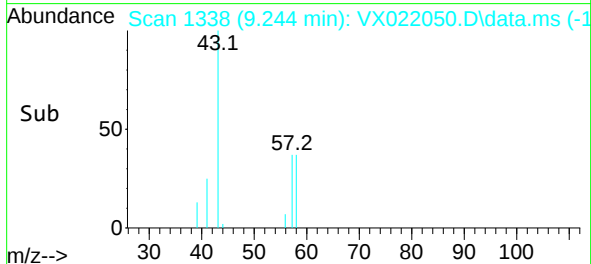
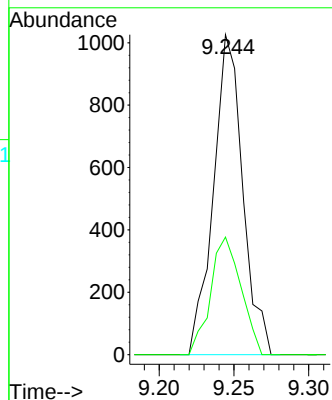
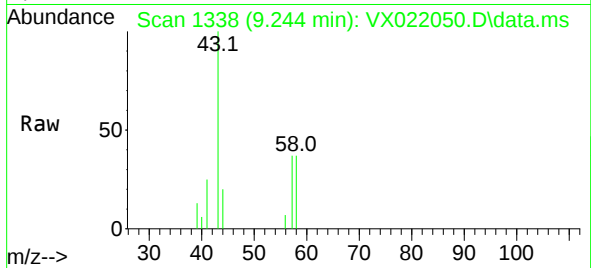




#59
2-Hexanone
Concen: 0.84 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.189 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

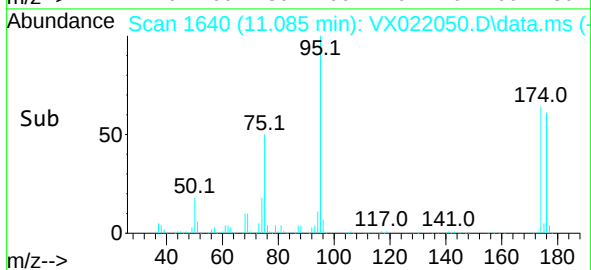
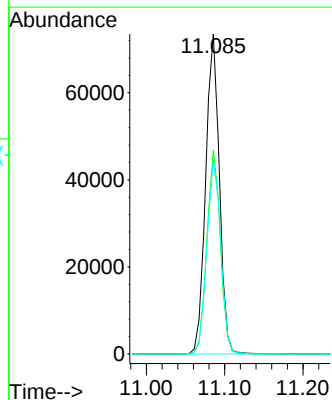
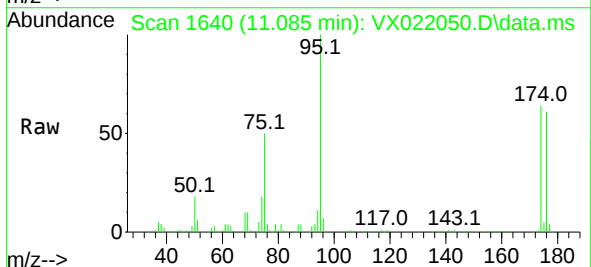
Instrument :
MSVOA_X
ClientSampled :
TW-SB-2

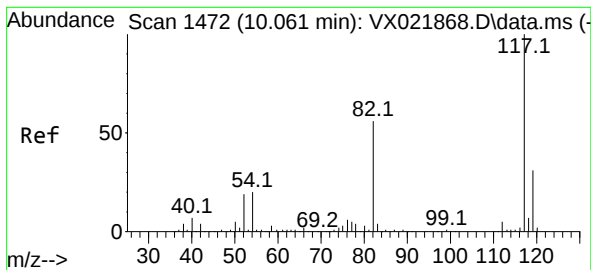
Tgt Ion: 43 Resp: 1400
Ion Ratio Lower Upper
43 100
58 38.0 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 53.65 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

Tgt Ion: 95 Resp: 89026
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 61.8 0.0 155.8

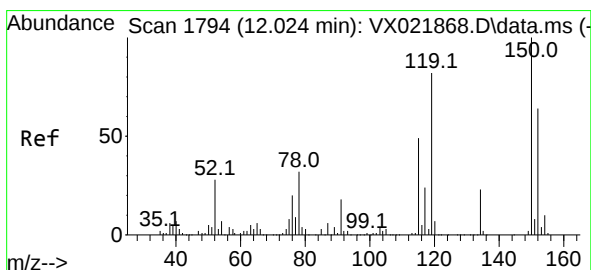
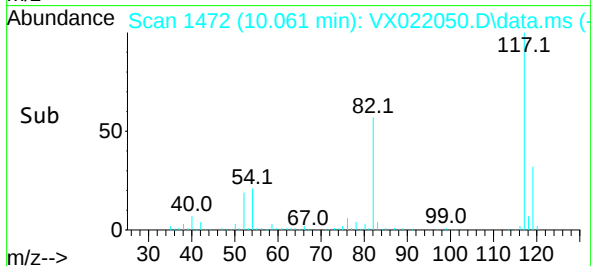
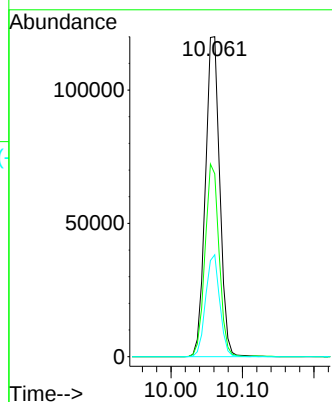
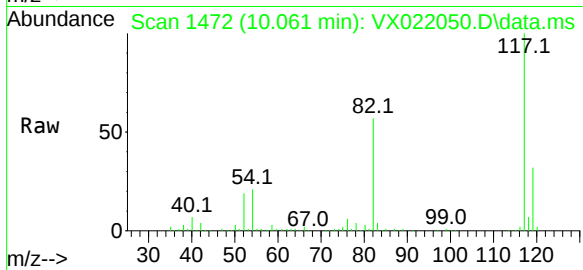




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

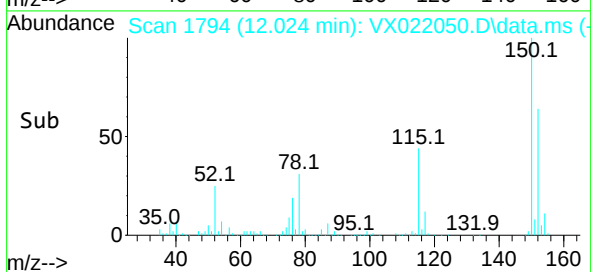
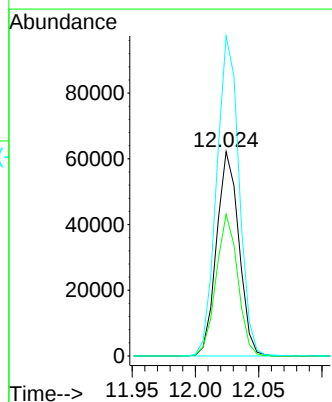
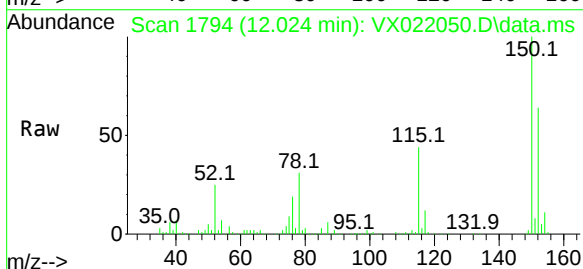
Instrument :
MSVOA_X
ClientSampleId :
TW-SB-2

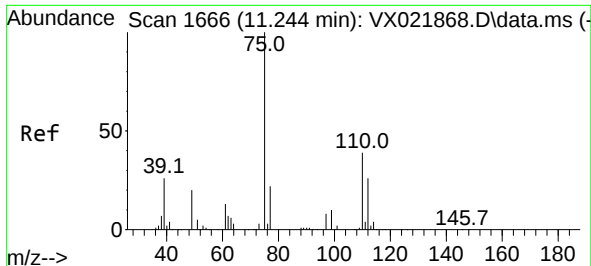
Tgt Ion:117 Resp: 167923
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

Tgt Ion:152 Resp: 75956
Ion Ratio Lower Upper
152 100
115 67.3 41.1 123.3
150 157.9 0.0 349.0

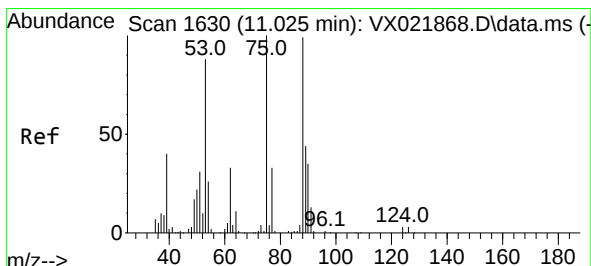
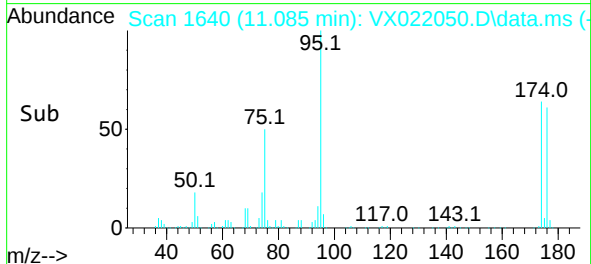
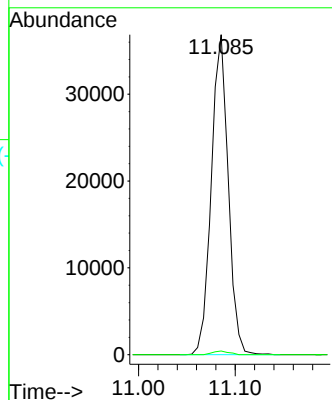
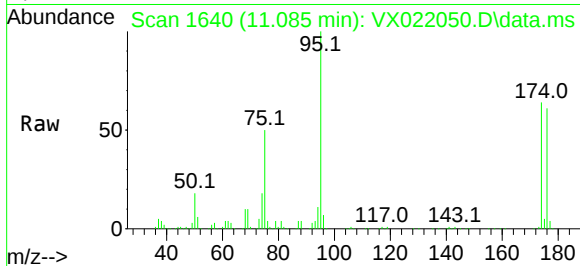




#76
1,2,3-Trichloropropane
Concen: 20.75 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

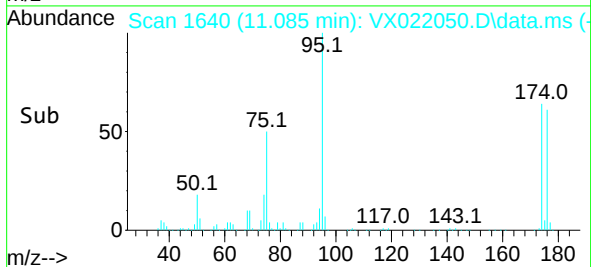
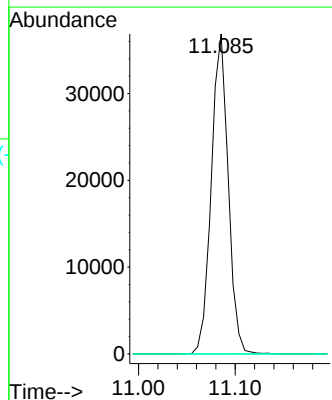
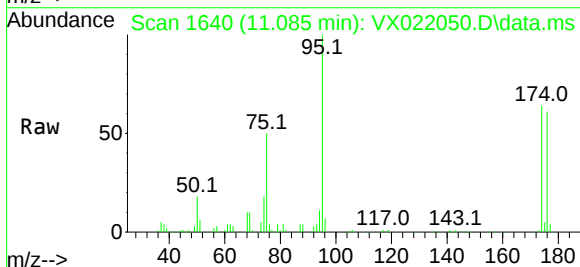
Instrument :
MSVOA_X
ClientSampled :
TW-SB-2

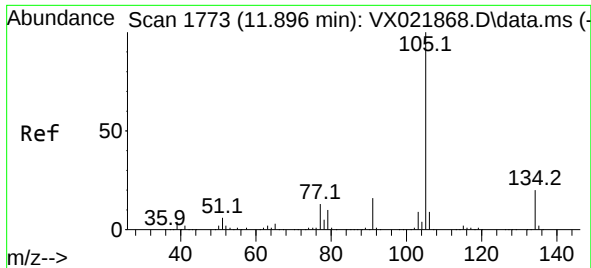
Tgt Ion: 75 Resp: 44805
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 48.13 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

Tgt Ion: 75 Resp: 44805
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

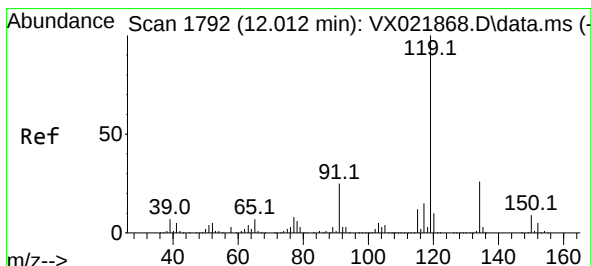
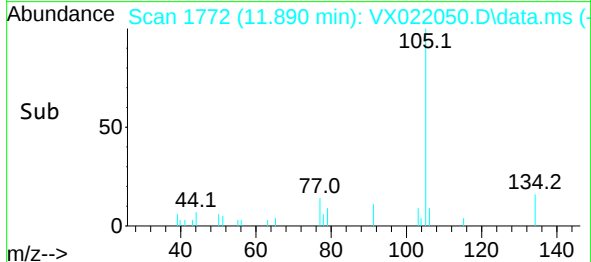
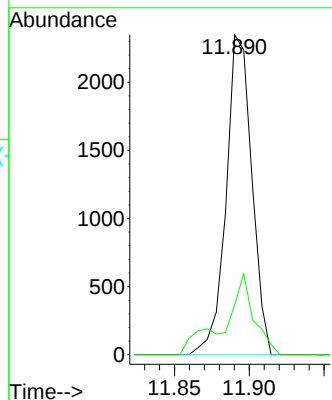
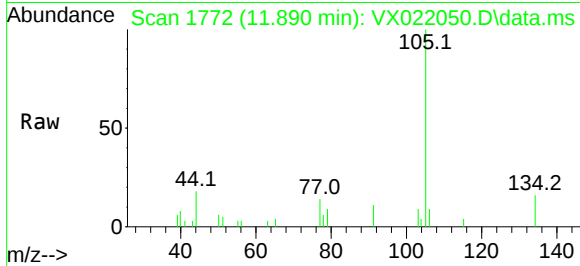




#85
 sec-Butylbenzene
 Concen: 0.40 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX022050.D
 Acq: 17 May 2021 22:27

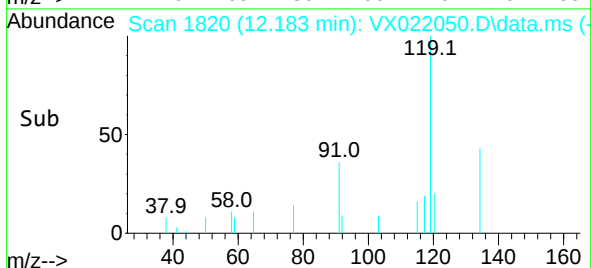
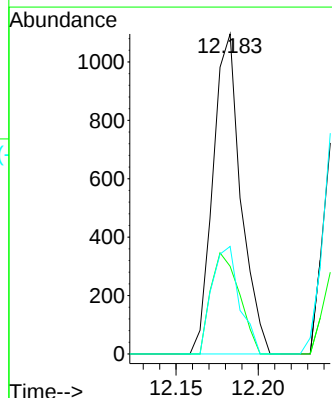
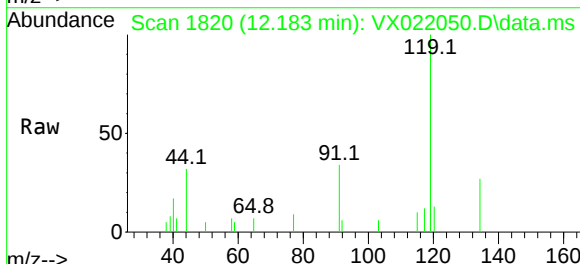
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-SB-2

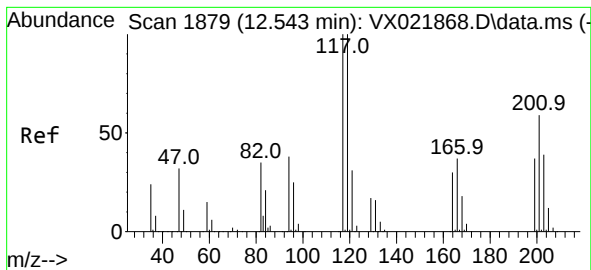
Tgt Ion:105 Resp: 2805
 Ion Ratio Lower Upper
 105 100
 134 29.6 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 0.22 ug/l
 RT: 12.183 min Scan# 1820
 Delta R.T. 0.171 min
 Lab File: VX022050.D
 Acq: 17 May 2021 22:27

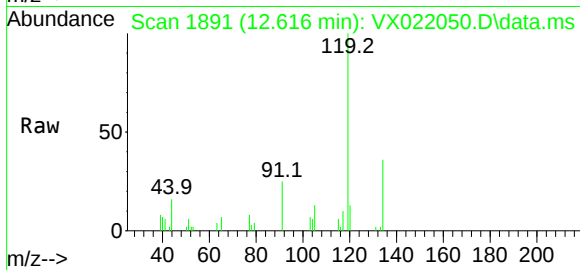
Tgt Ion:119 Resp: 1295
 Ion Ratio Lower Upper
 119 100
 134 32.4 12.9 38.7
 91 33.1 11.7 35.0





#90
Hexachloroethane
Concen: 0.37 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.073 min
Lab File: VX022050.D
Acq: 17 May 2021 22:27

Instrument :
MSVOA_X
ClientSampleId :
TW-SB-2



Tgt Ion:117 Resp: 397
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

