

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022196.D
 Acq On : 26 May 2021 14:43
 Operator : JC/MD
 Sample : M2526-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20210525

Quant Time: May 27 04:05:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

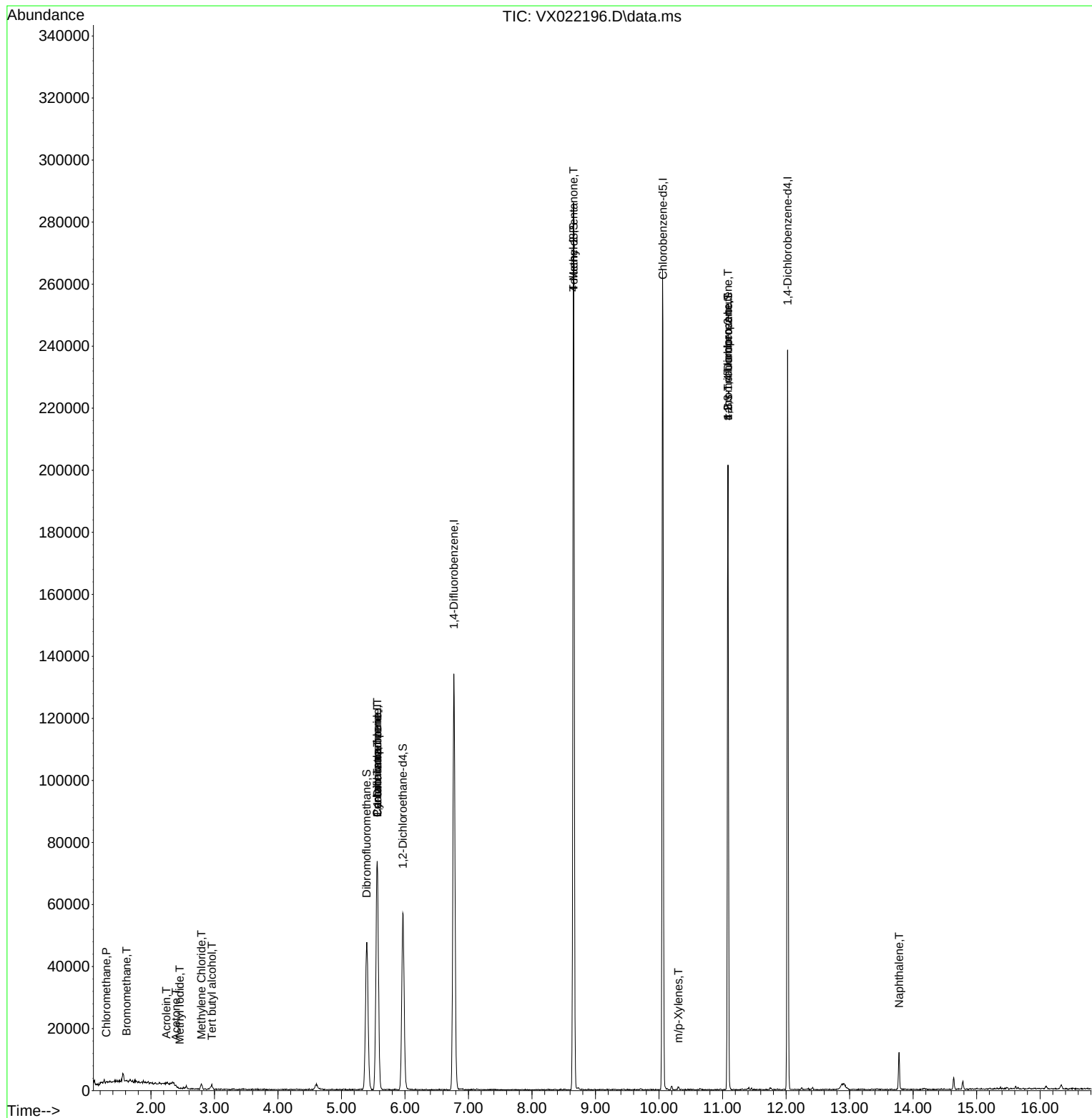
Internal Standards						
1) Pentafluorobenzene	5.562	168	64223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	131811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	115701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53347	53.85	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.70%			
35) Dibromofluoromethane	5.397	113	41200	49.29	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.58%			
50) Toluene-d8	8.653	98	160256	49.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.54%			
62) 4-Bromofluorobenzene	11.085	95	54785	46.03	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.06%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	217	0.26	ug/l	99
5) Bromomethane	1.617	94	267	0.51	ug/l #	44
10) Methyl Iodide	2.453	142	296	0.36	ug/l #	79
11) Tert butyl alcohol	2.959	59	915	4.04	ug/l #	73
13) Acrolein	2.239	56	102	0.68	ug/l #	14
16) Acetone	2.392	43	440	1.02	ug/l	97
20) Methylene Chloride	2.794	84	754	0.79	ug/l #	85
31) Cyclohexane	5.562	56	1757	1.41	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	6045	4.96	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7063	5.92	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	719	0.49	ug/l #	1
68) m/p-Xylenes	10.305	106	346	0.21	ug/l	78
76) 1,2,3-Trichloropropane	11.085	75	27882	26.19	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27882	62.05	ug/l #	12
95) Naphthalene	13.780	128	7429	2.20	ug/l	97

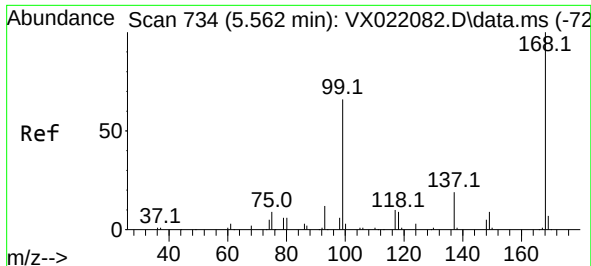
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :
TB01-20210525

Quant Time: May 27 04:05:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

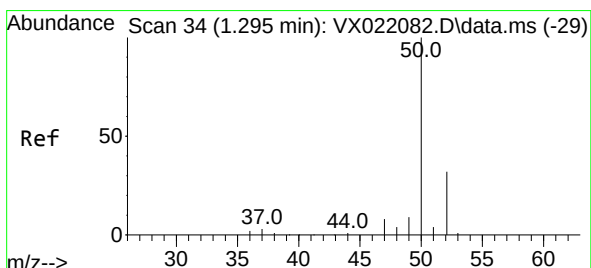
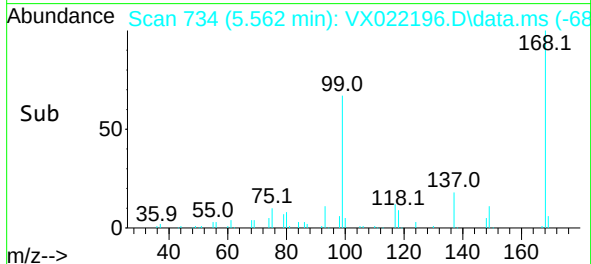
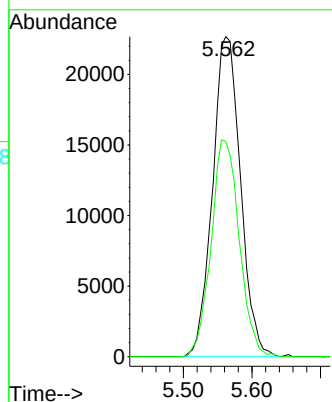
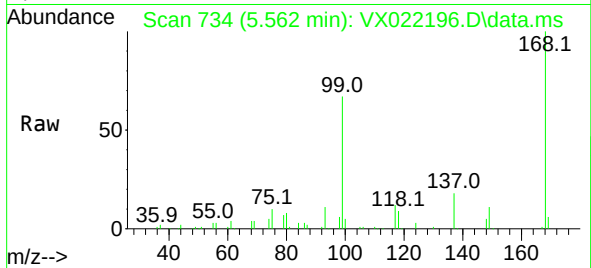




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

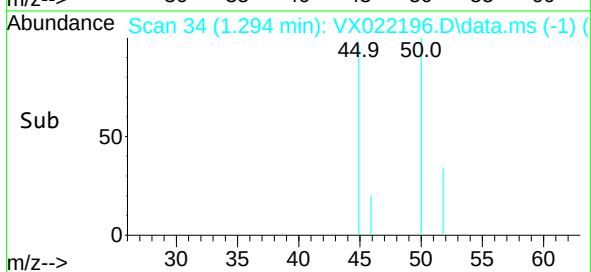
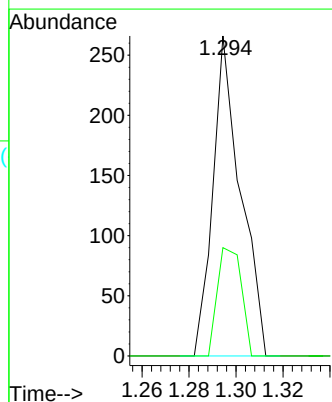
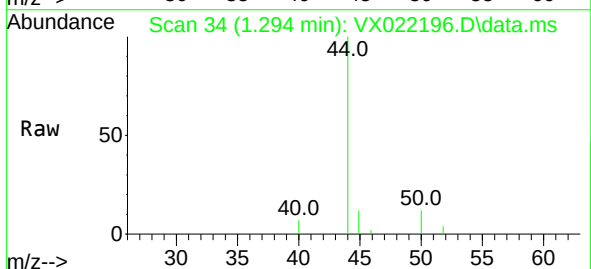
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525

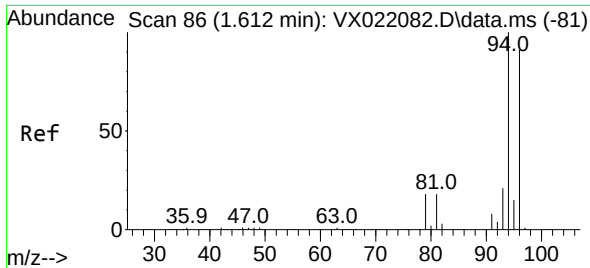
Tgt Ion:168 Resp: 64223
Ion Ratio Lower Upper
168 100
99 67.3 45.8 68.6



#3
Chloromethane
Concen: 0.26 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6

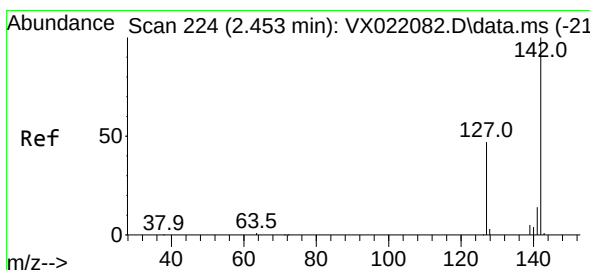
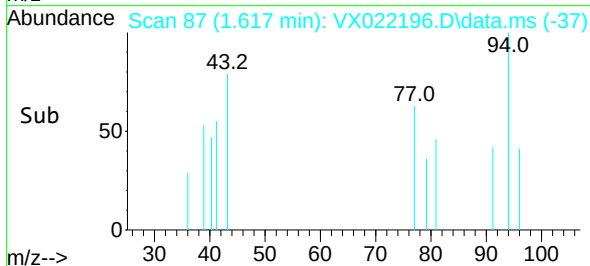
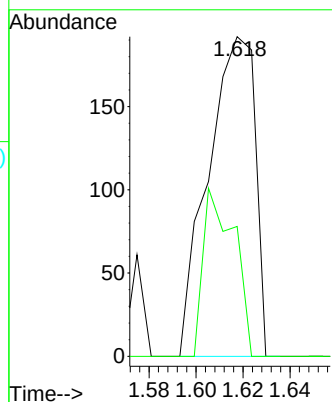
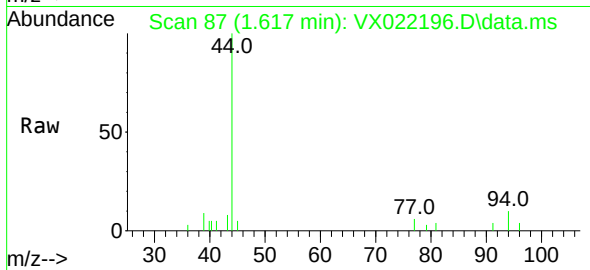




#5
Bromomethane
Concen: 0.51 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

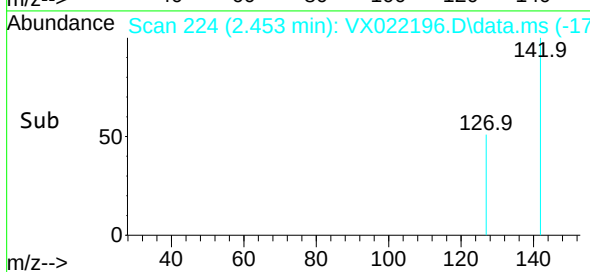
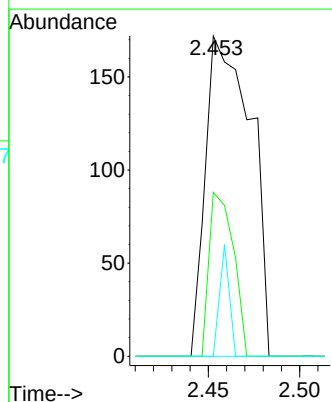
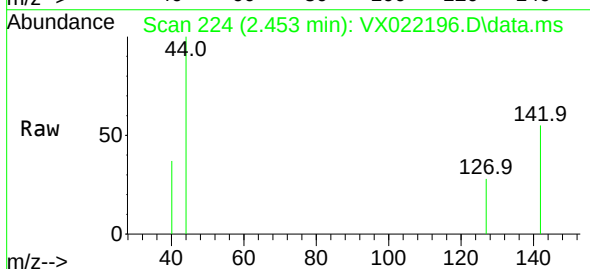
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525

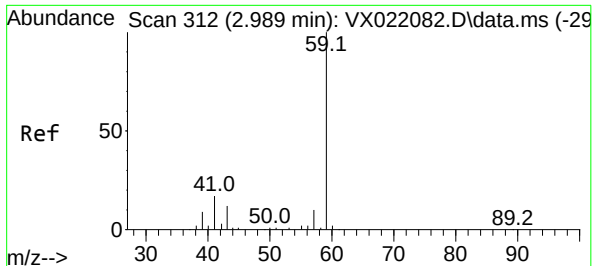
Tgt Ion: 94 Resp: 267
Ion Ratio Lower Upper
94 100
96 40.6 76.4 114.6#



#10
Methyl Iodide
Concen: 0.36 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Tgt Ion: 142 Resp: 296
Ion Ratio Lower Upper
142 100
127 27.4 33.3 49.9#
141 7.4 11.4 17.0#



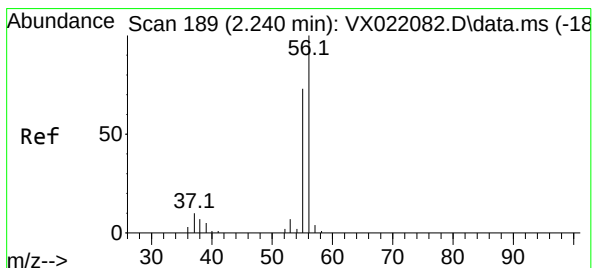
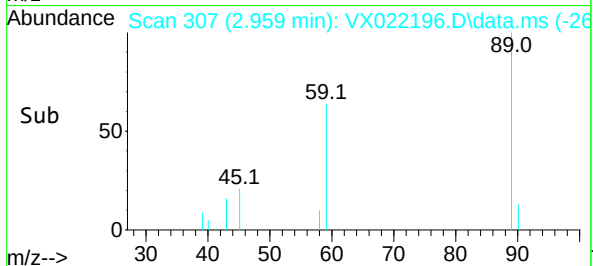
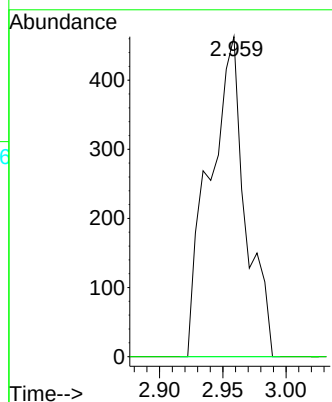
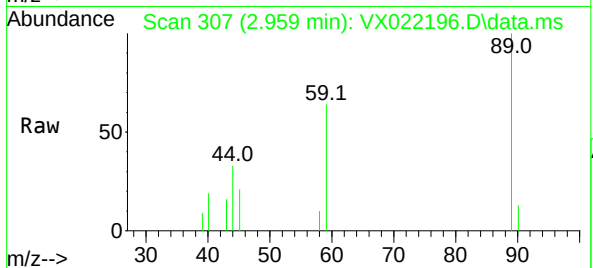


#11

Tert butyl alcohol
Concen: 4.04 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525

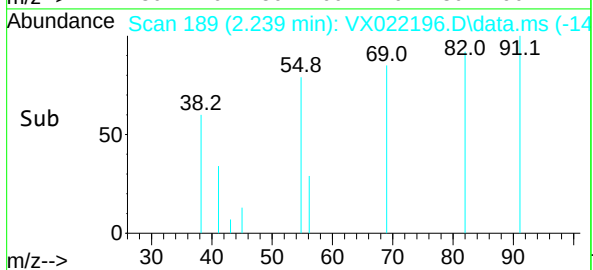
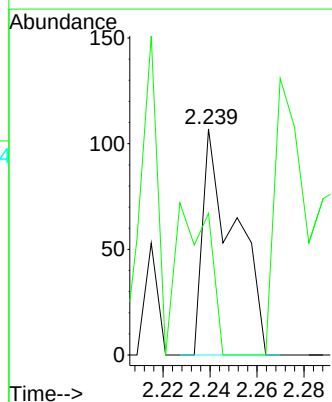
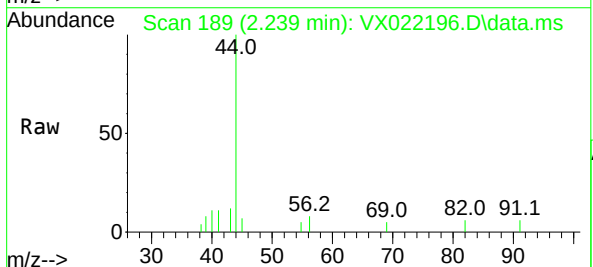
Tgt Ion: 59 Resp: 915
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

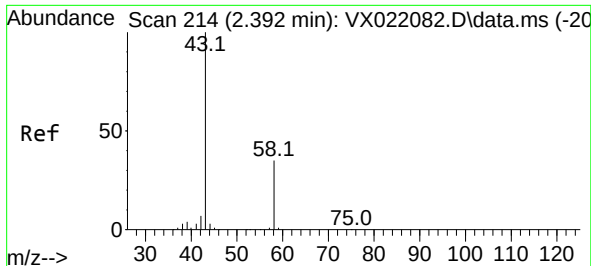


#13

Acrolein
Concen: 0.68 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Tgt Ion: 56 Resp: 102
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

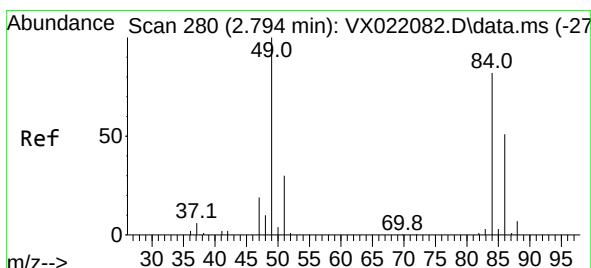
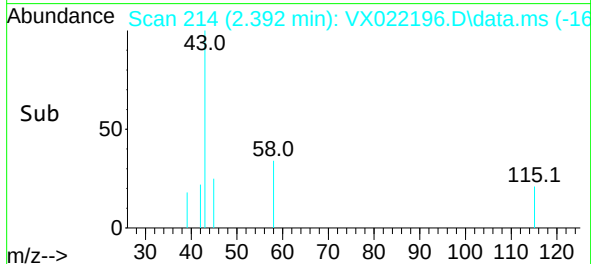
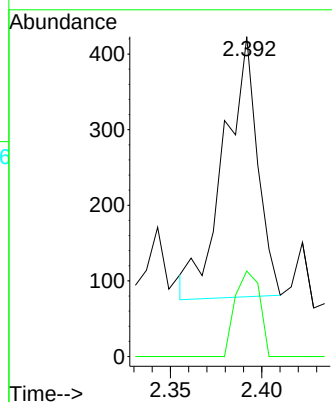
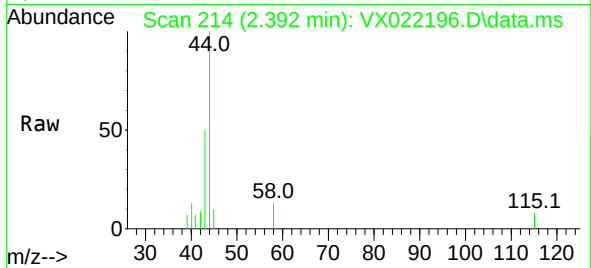




#16
Acetone
Concen: 1.02 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

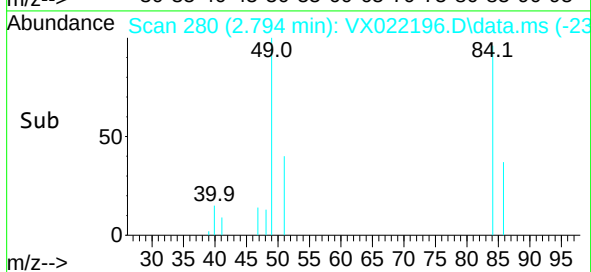
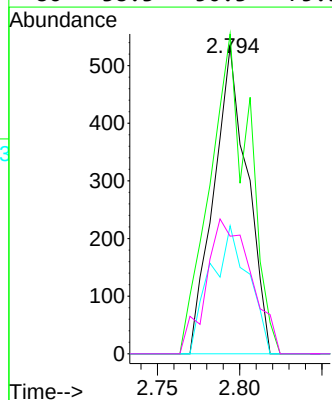
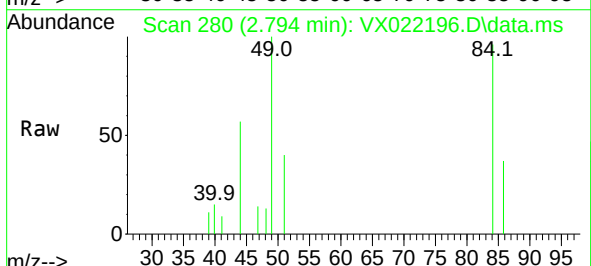
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525

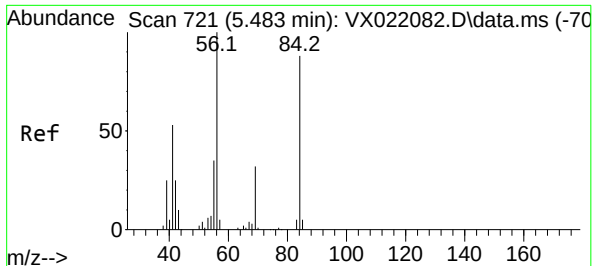
Tgt Ion: 43 Resp: 440
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.79 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

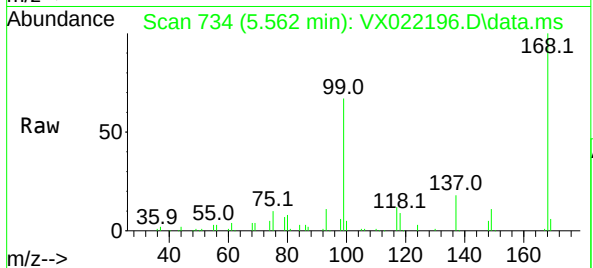
Tgt Ion: 84 Resp: 754
Ion Ratio Lower Upper
84 100
49 104.1 88.6 132.8
51 41.7 27.0 40.6#
86 38.3 50.3 75.5#



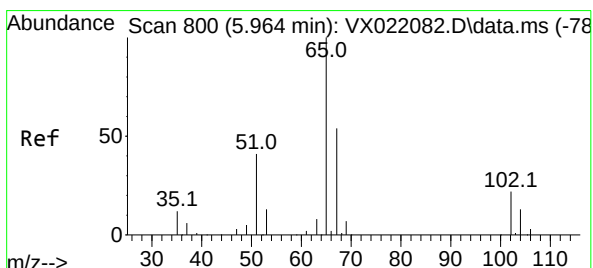
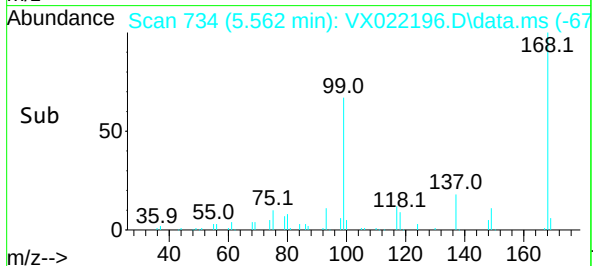
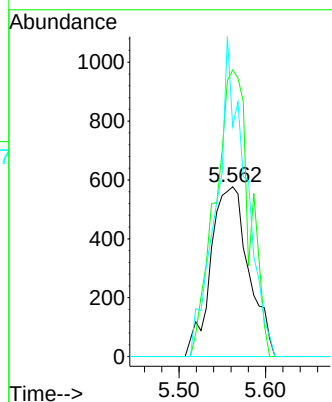


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525

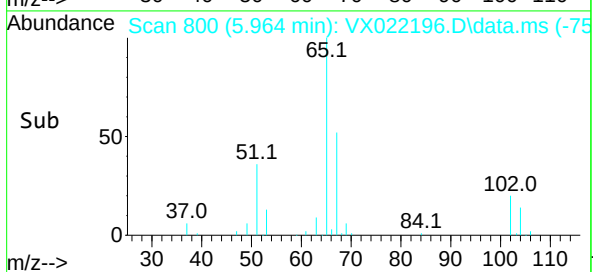
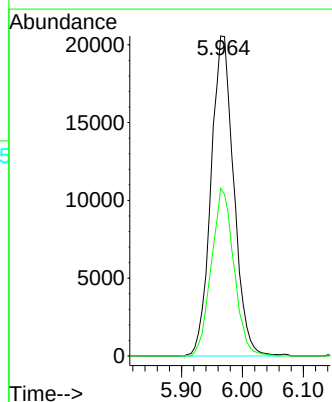
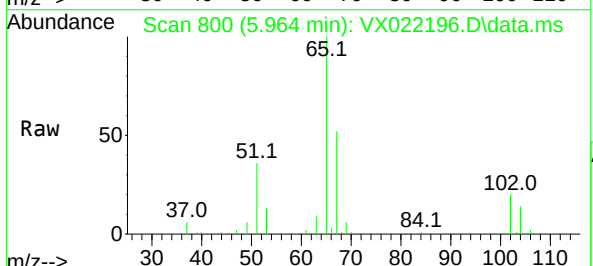


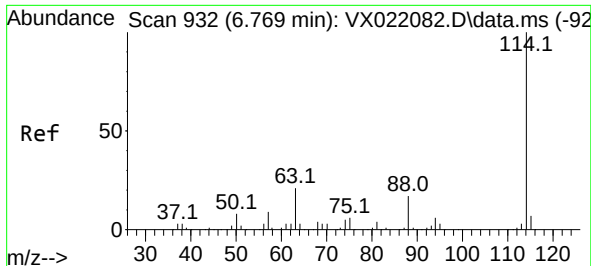
Tgt Ion: 56 Resp: 1757
Ion Ratio Lower Upper
56 100
69 168.8 25.3 37.9#
84 135.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.85 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Tgt Ion: 65 Resp: 53347
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

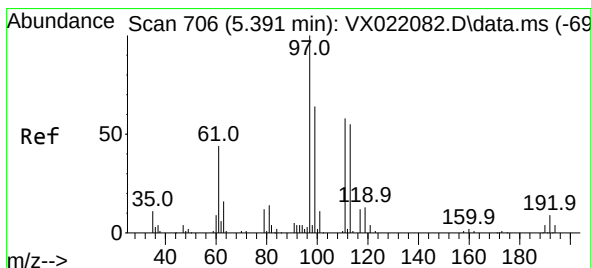
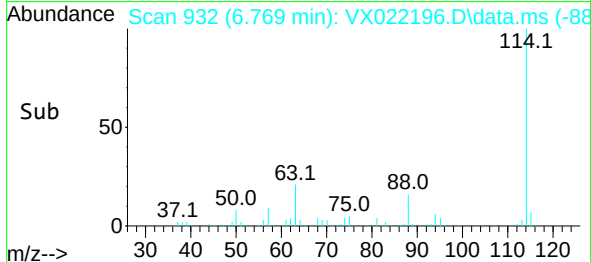
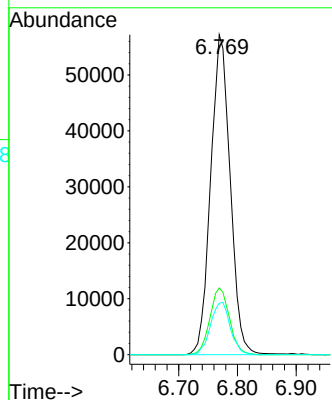
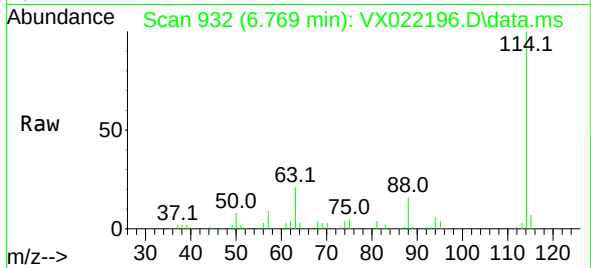




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

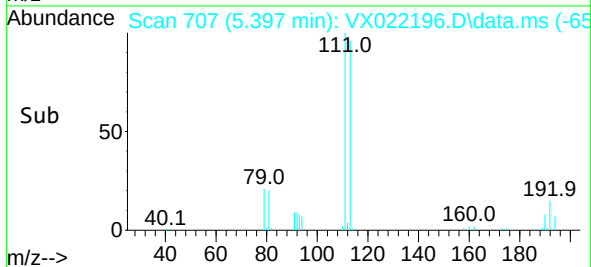
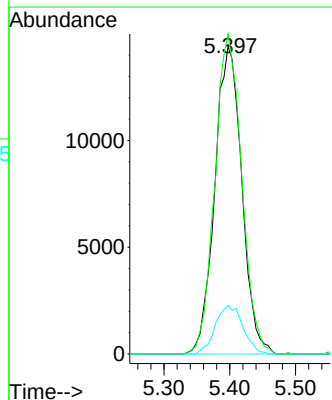
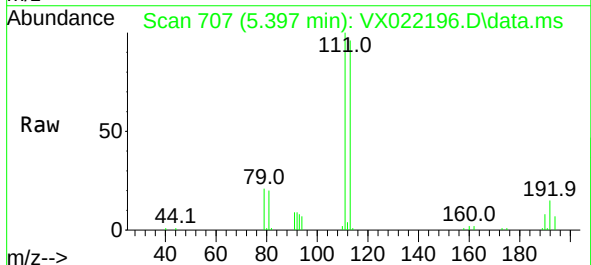
Instrument :
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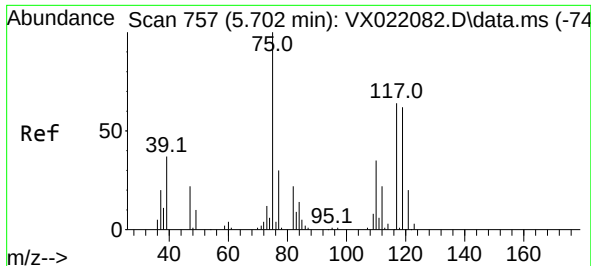
Tgt Ion:114 Resp: 131811
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.29 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

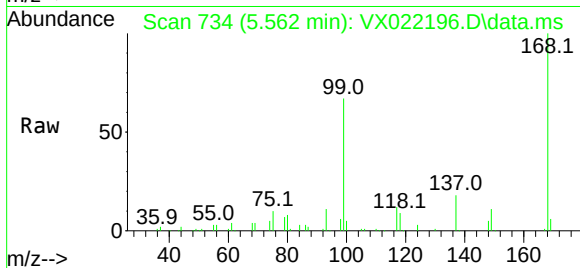
Tgt Ion:113 Resp: 41200
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 16.0 16.7 25.1#



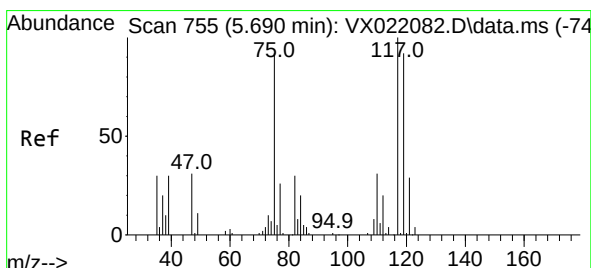
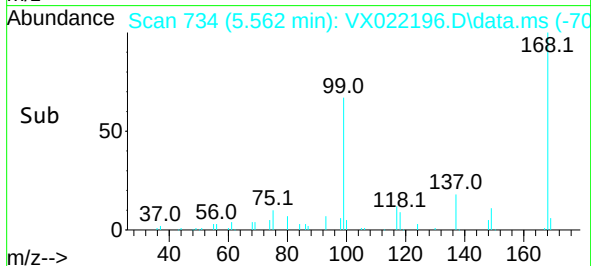
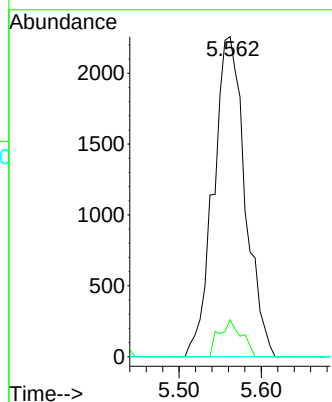


#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525

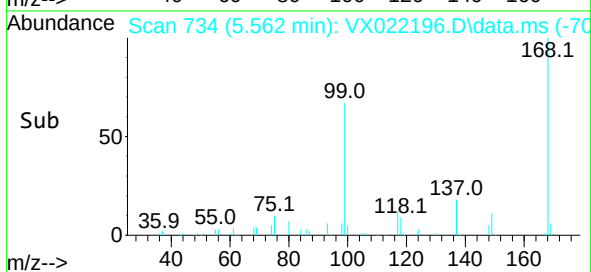
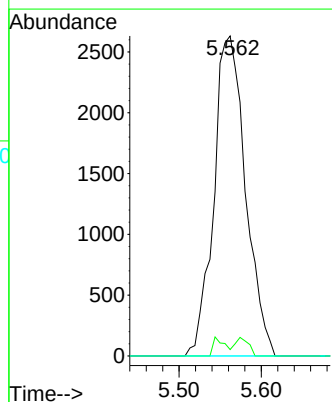
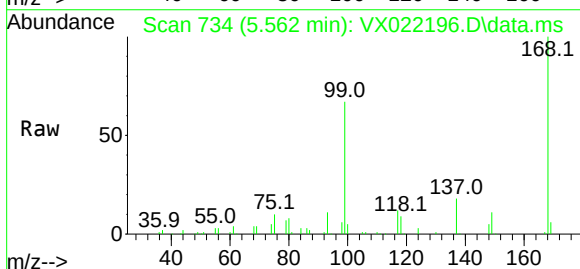


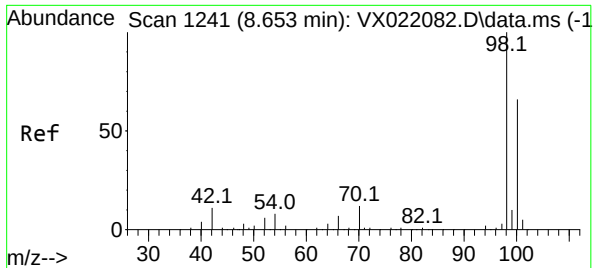
Tgt Ion: 75 Resp: 6045
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Tgt Ion: 117 Resp: 7063
Ion Ratio Lower Upper
117 100
119 2.0 76.2 114.2#
121 0.0 24.8 37.2#

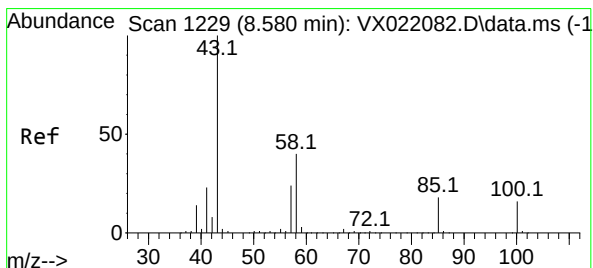
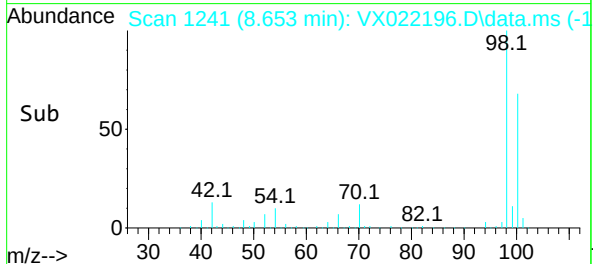
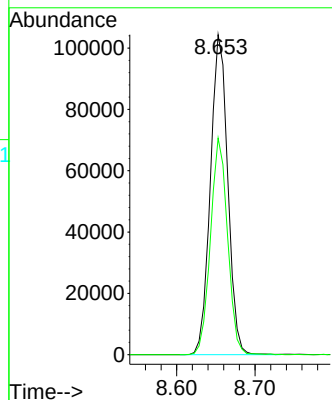
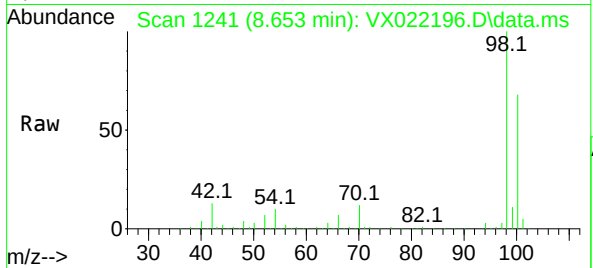




#50
Toluene-d8
Concen: 49.77 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

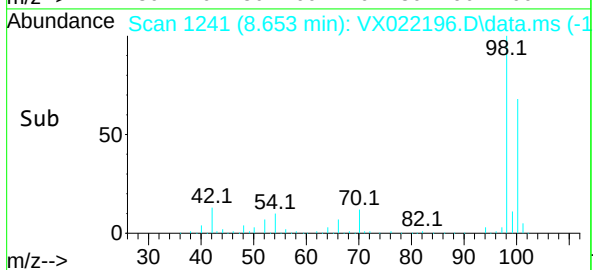
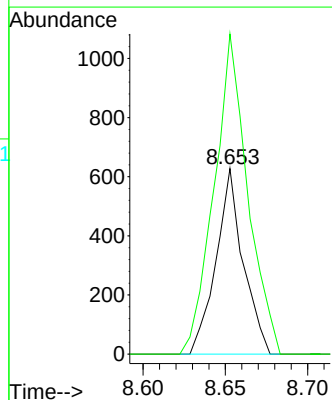
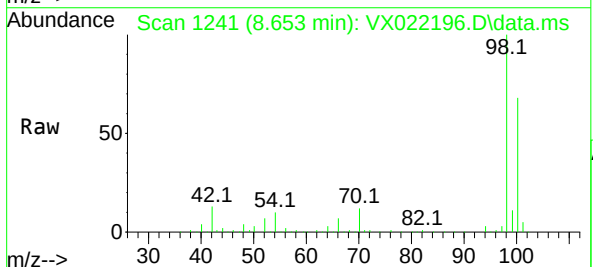
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525

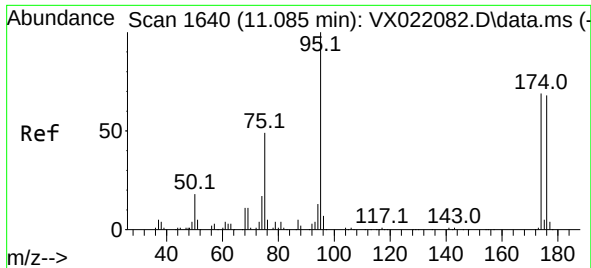
Tgt Ion: 98 Resp: 160256
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
58 213.5 35.4 53.0#

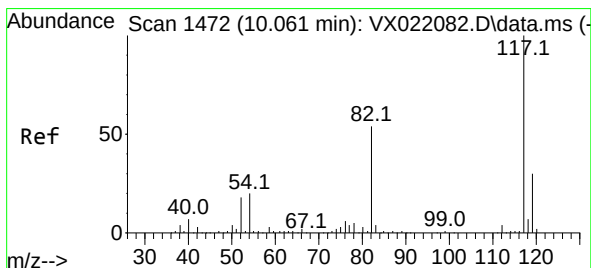
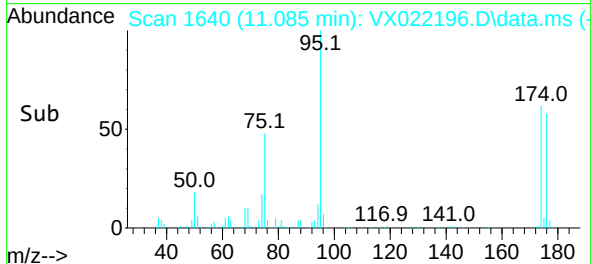
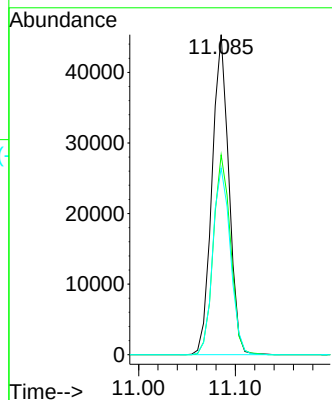
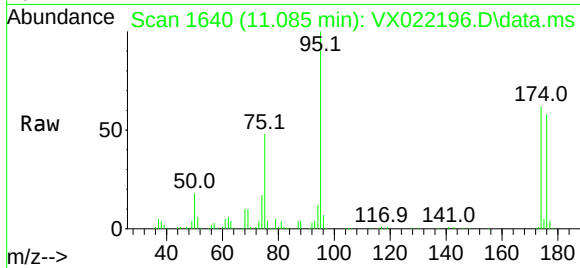




#62
4-Bromofluorobenzene
Concen: 46.03 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

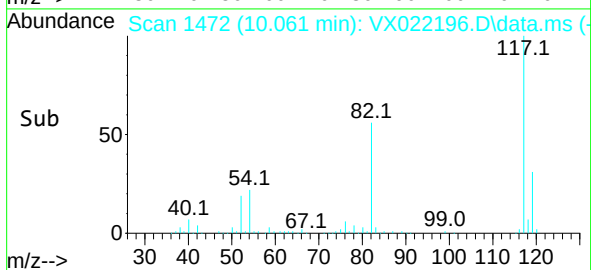
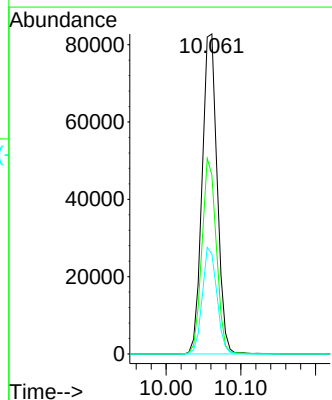
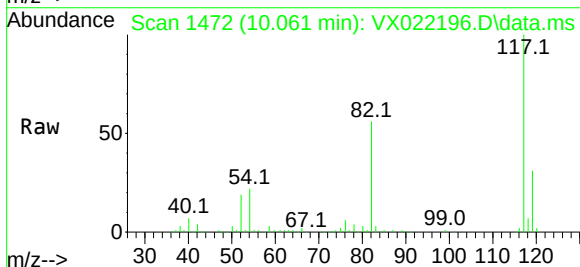
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525

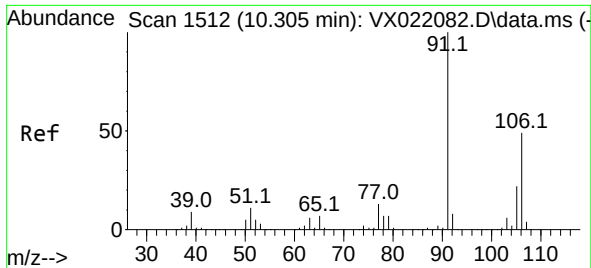
Tgt Ion: 95 Resp: 54785
Ion Ratio Lower Upper
95 100
174 63.7 0.0 154.6
176 61.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Tgt Ion: 117 Resp: 115701
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 31.3 26.6 39.8

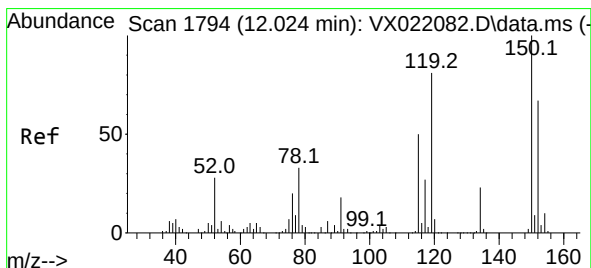
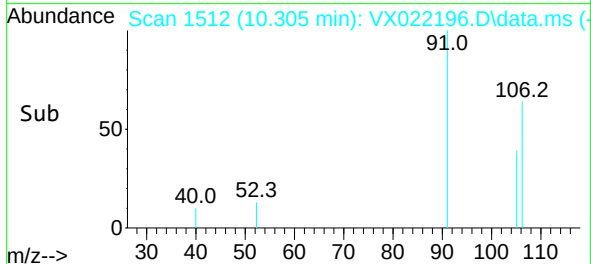
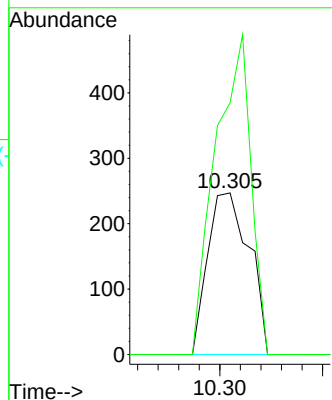
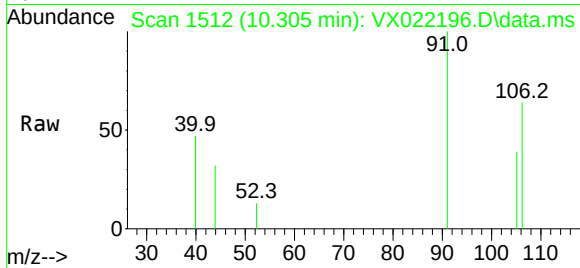




#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

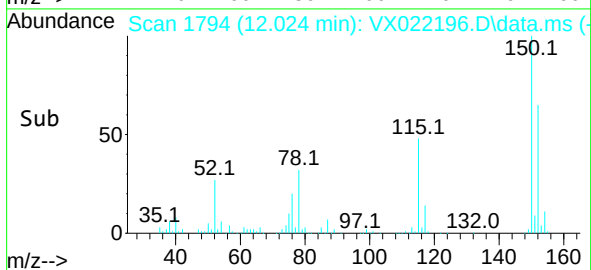
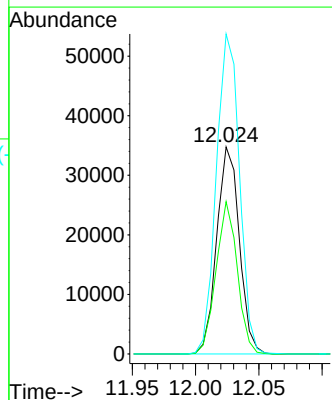
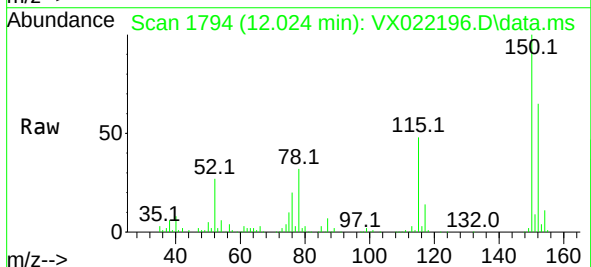
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525

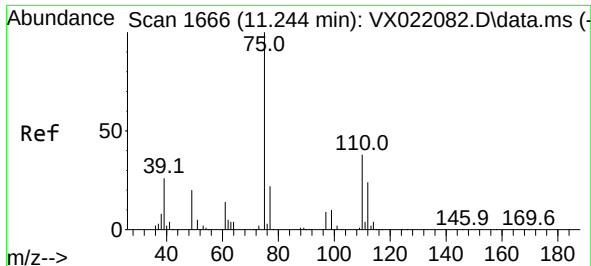
Tgt Ion:106 Resp: 346
Ion Ratio Lower Upper
106 100
91 169.7 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Tgt Ion:152 Resp: 43153
Ion Ratio Lower Upper
152 100
115 69.0 41.1 123.3
150 158.1 0.0 349.0

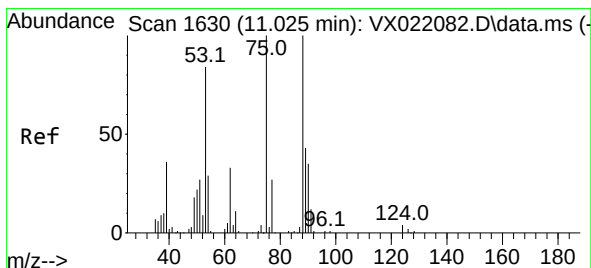
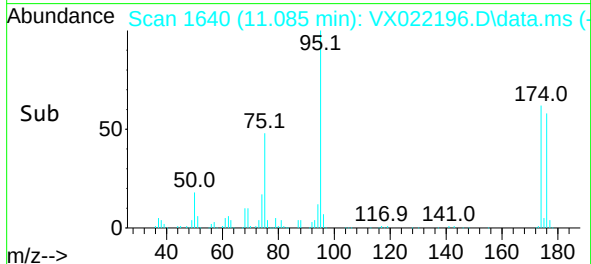
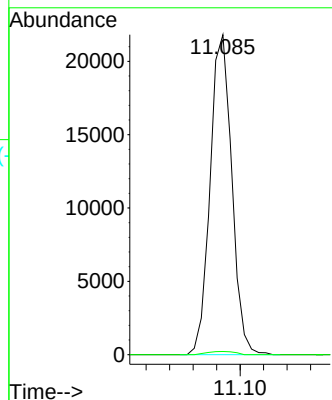
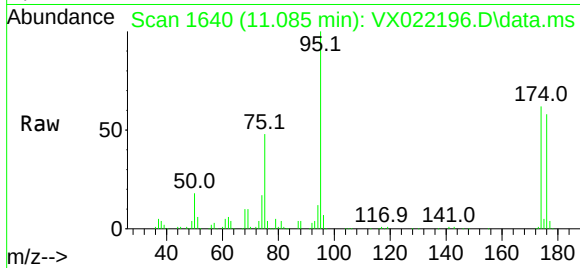




#76
1,2,3-Trichloropropane
Concen: 26.19 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

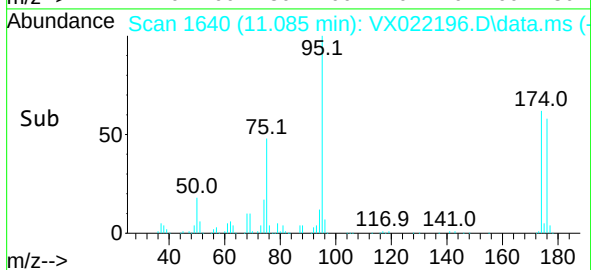
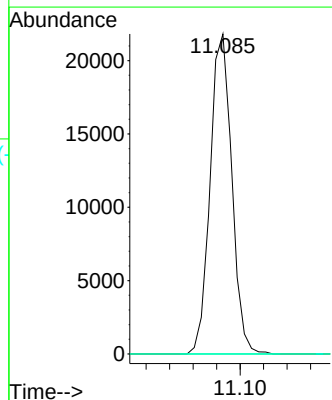
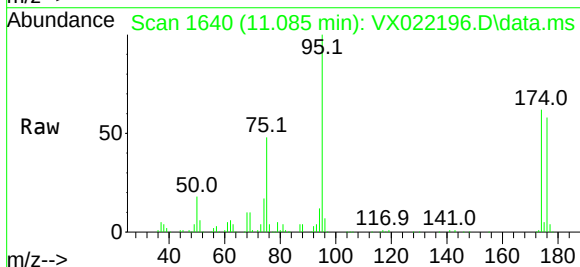
Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525

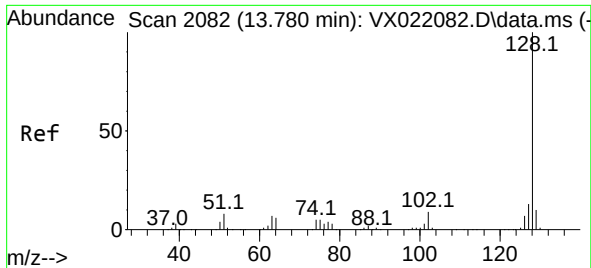
Tgt Ion: 75 Resp: 27882
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.05 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

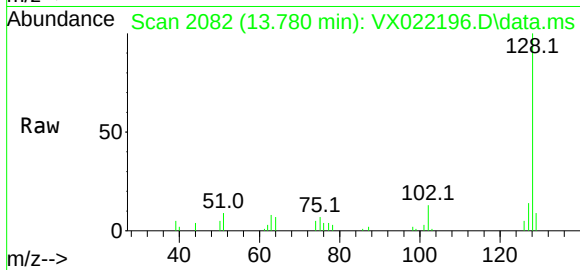
Tgt Ion: 75 Resp: 27882
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.20 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022196.D
Acq: 26 May 2021 14:43

Instrument :
MSVOA_X
ClientSampleId :
TB01-20210525



Tgt Ion:	128	Resp:	7429
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	11.8	8.8	13.2

