

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022206.D
 Acq On : 26 May 2021 18:40
 Operator : JC/MD
 Sample : M2526-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-DITCH-IN-20210525

Quant Time: May 27 04:08:42 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)

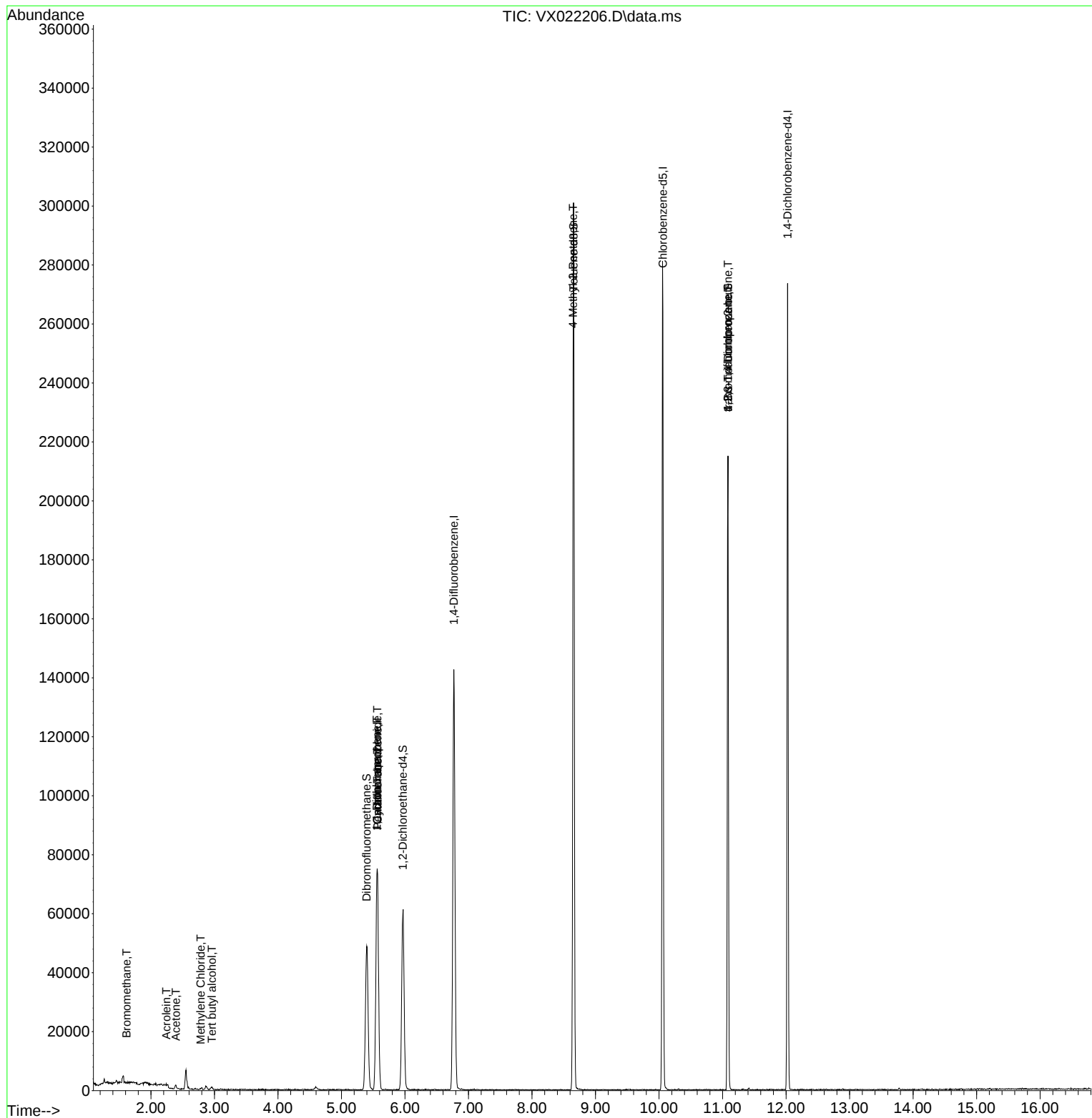
Internal Standards						
1) Pentafluorobenzene	5.568	168	67124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	141298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	123762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55915	54.00	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.00%			
35) Dibromofluoromethane	5.397	113	43218	48.23	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.46%			
50) Toluene-d8	8.653	98	171808	49.78	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.56%			
62) 4-Bromofluorobenzene	11.085	95	58863	46.14	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.28%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	163	0.30	ug/l #	40
11) Tert butyl alcohol	2.959	59	456	1.93	ug/l #	73
13) Acrolein	2.239	56	48	0.31	ug/l #	1
16) Acetone	2.392	43	1571	3.48	ug/l	96
20) Methylene Chloride	2.782	84	225	0.22	ug/l #	59
31) Cyclohexane	5.562	56	1987	1.53	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	6589	5.04	ug/l #	49
38) Carbon Tetrachloride	5.562	117	7581	5.93	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	875	0.56	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	30726	25.55	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30726	60.55	ug/l #	12

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

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WEST-DITCH-IN-20210525

Quant Time: May 27 04:08:42 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

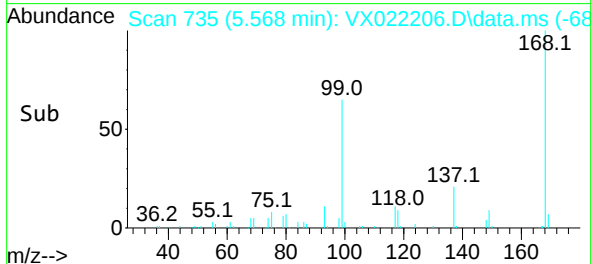
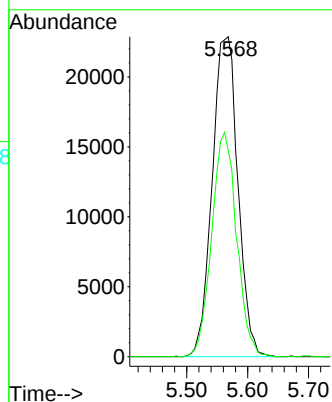
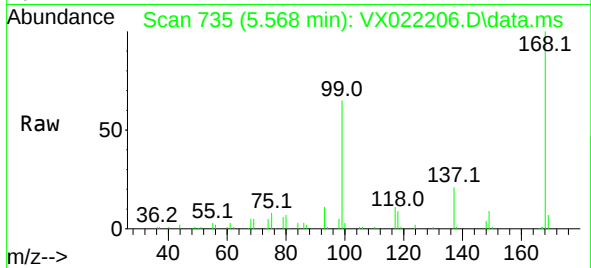




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

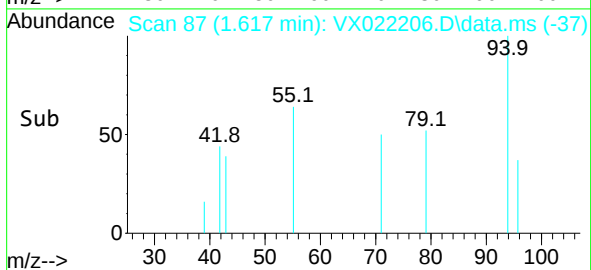
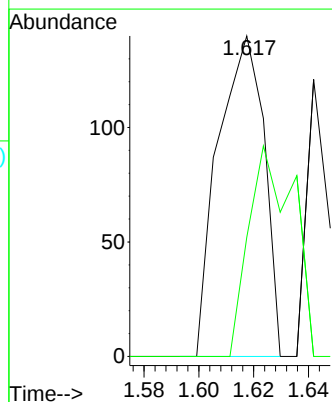
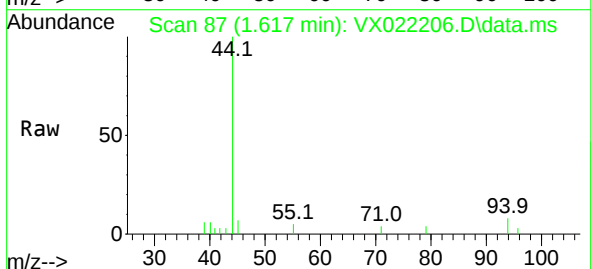
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210525

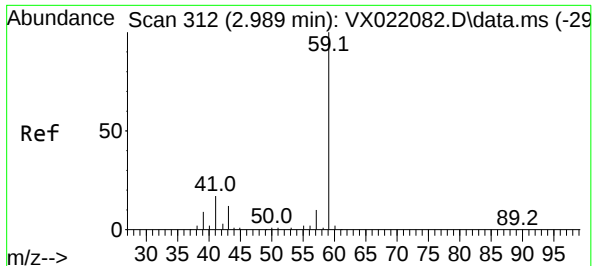
Tgt Ion:168 Resp: 67124
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 37.1 76.4 114.6#



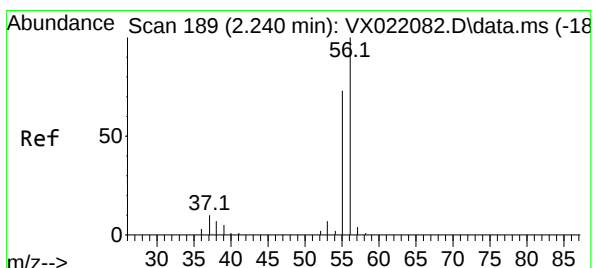
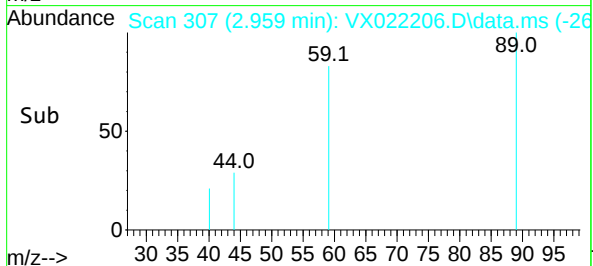
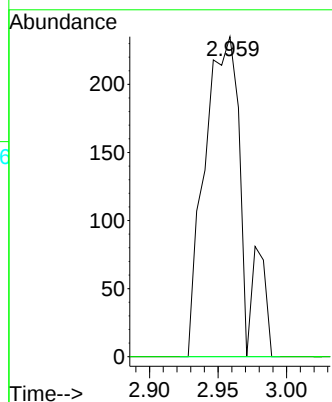
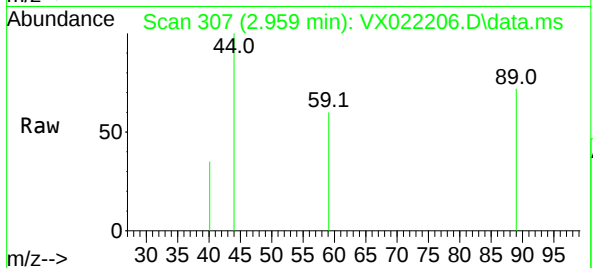


#11

Tert butyl alcohol
Concen: 1.93 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210525

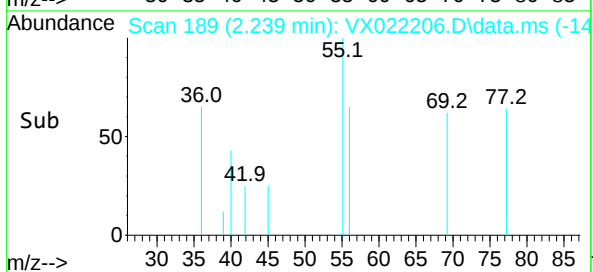
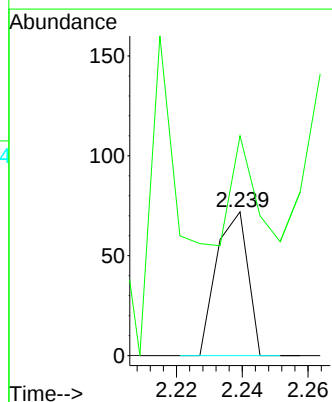
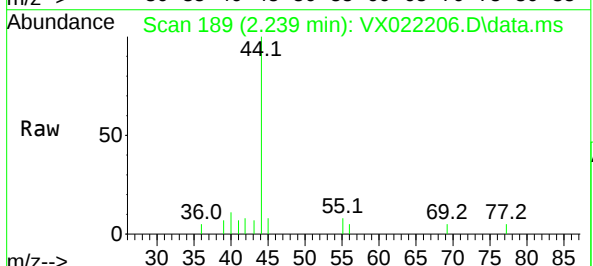
Tgt Ion: 59 Resp: 456
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

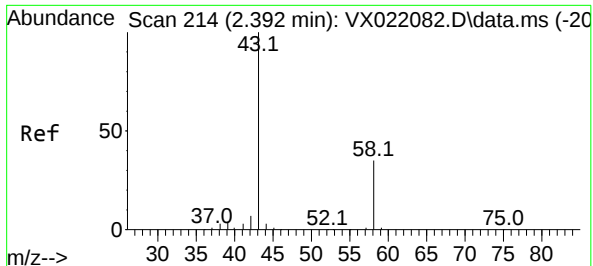


#13

Acrolein
Concen: 0.31 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 181.3 56.4 84.6#

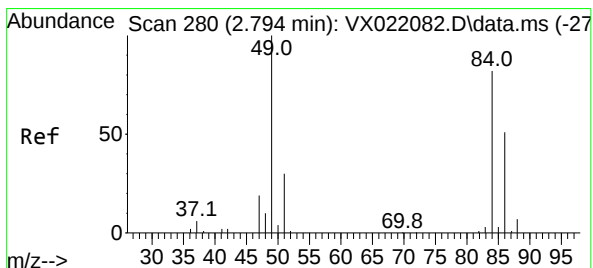
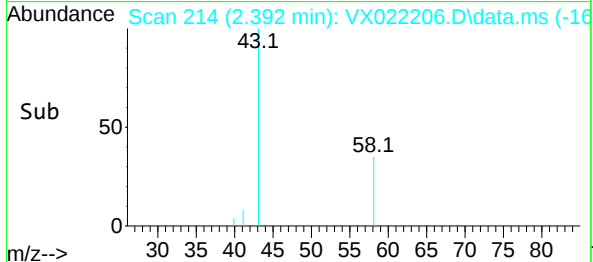
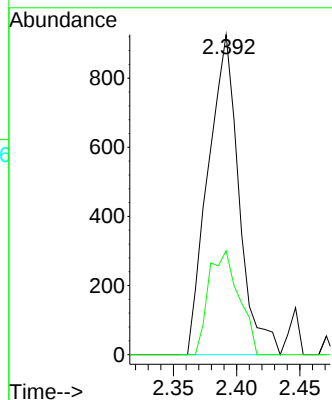
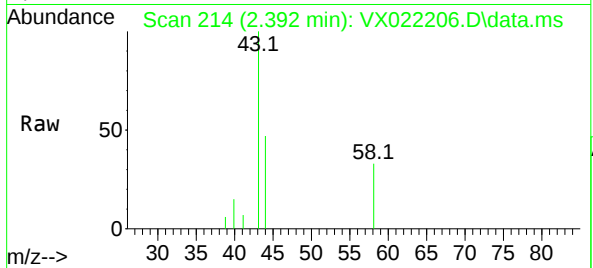




#16
Acetone
Concen: 3.48 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

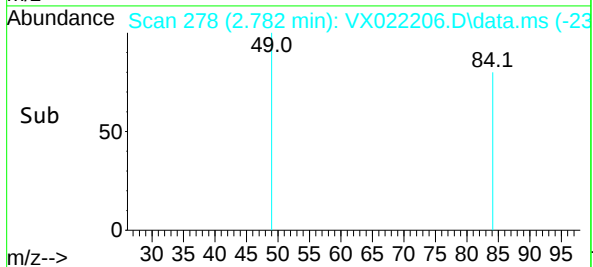
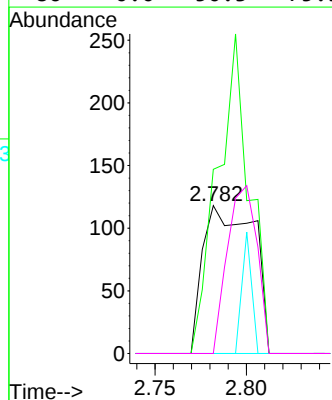
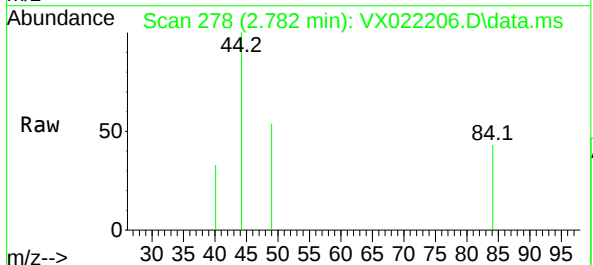
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210525

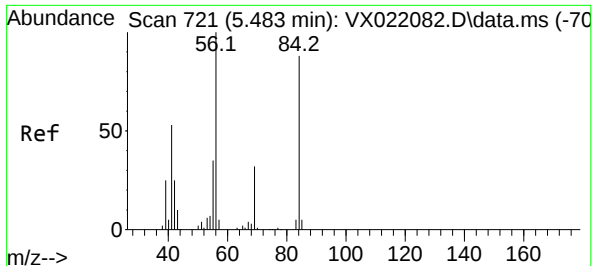
Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
58 32.5 27.8 41.8



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

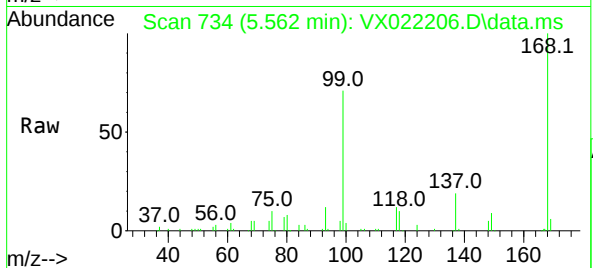
Tgt Ion: 84 Resp: 225
Ion Ratio Lower Upper
84 100
49 124.6 88.6 132.8
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#



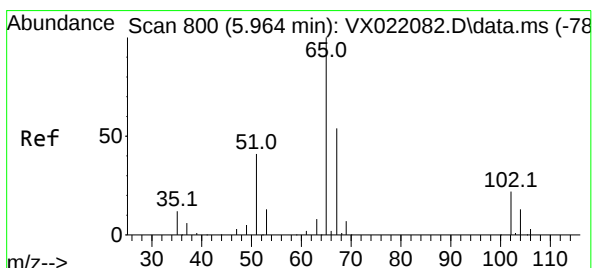
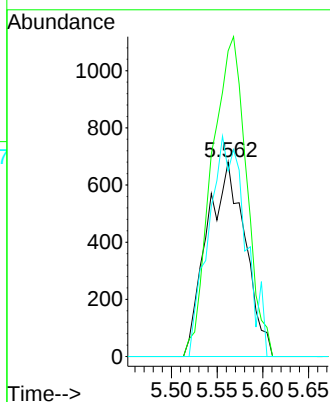
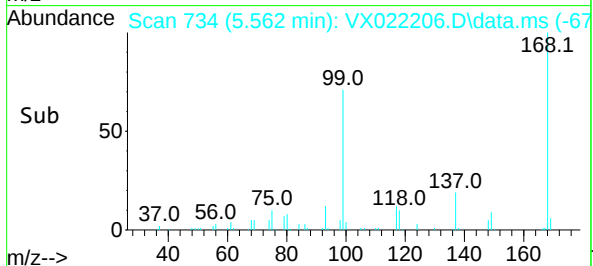


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

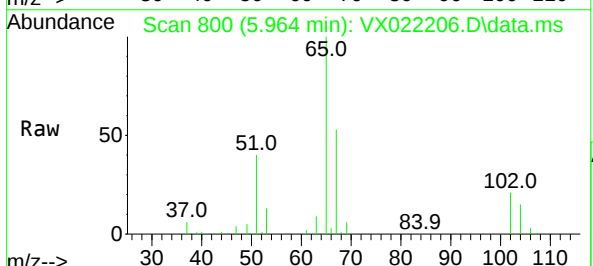
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210525



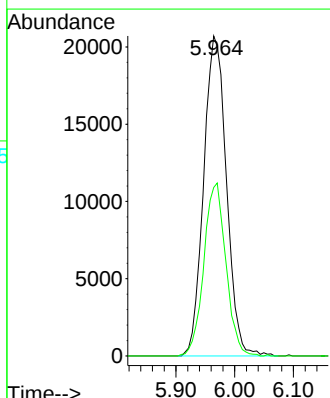
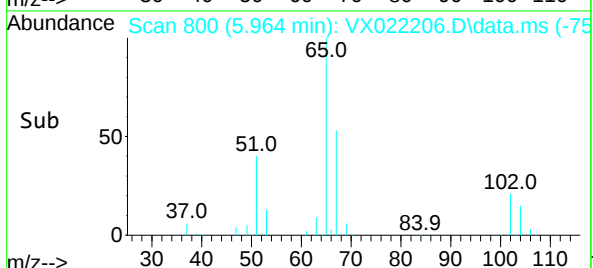
Tgt Ion: 56 Resp: 1987
Ion Ratio Lower Upper
56 100
69 157.0 25.3 37.9#
84 95.4 71.4 107.0

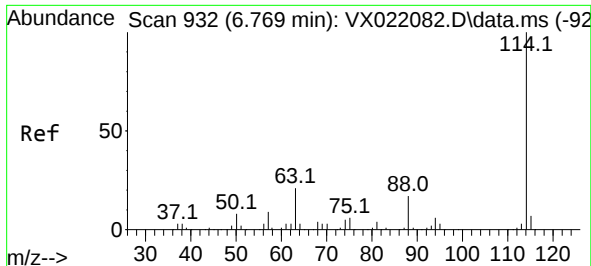


#33
1,2-Dichloroethane-d4
Concen: 54.00 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40



Tgt Ion: 65 Resp: 55915
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

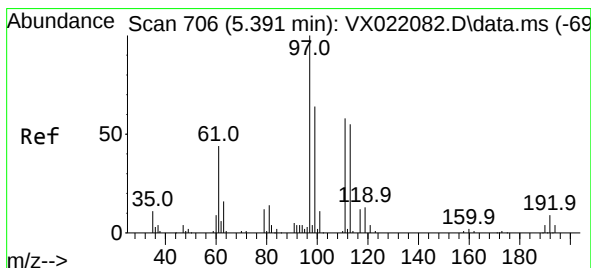
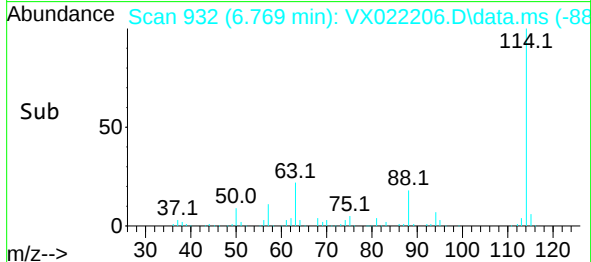
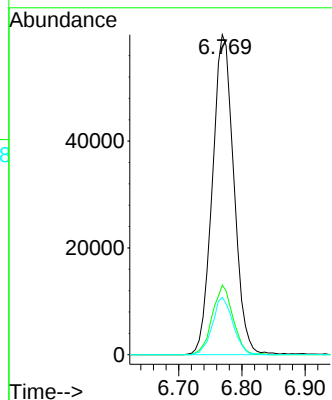
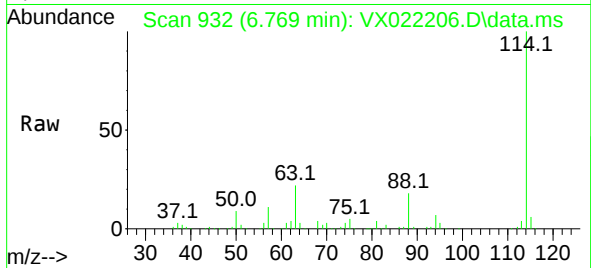




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

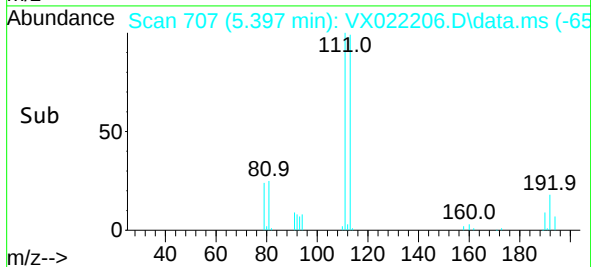
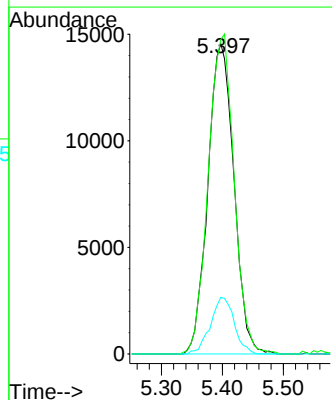
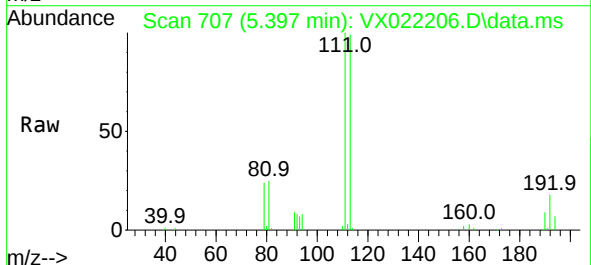
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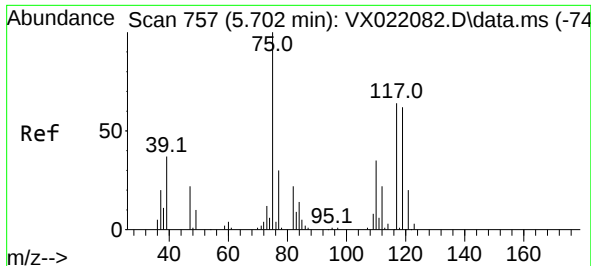
Tgt Ion:114 Resp: 141298
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 17.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.23 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

Tgt Ion:113 Resp: 43218
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 16.6 16.7 25.1#

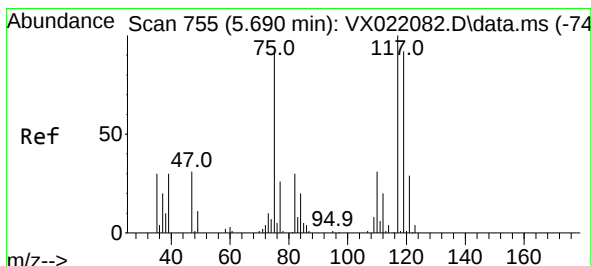
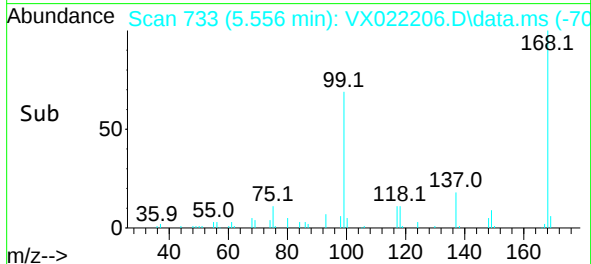
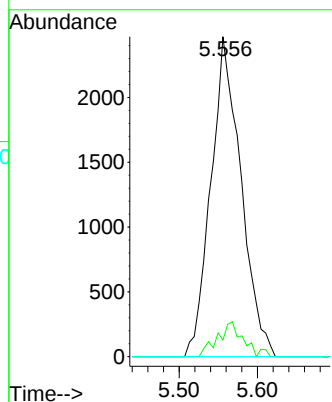
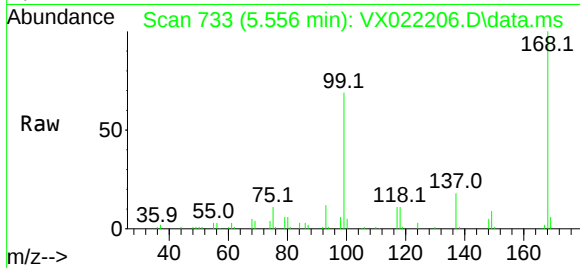




#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

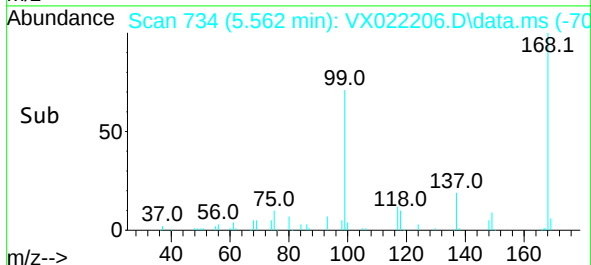
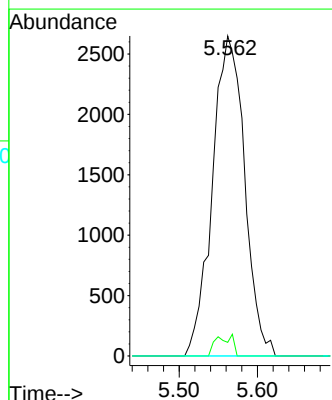
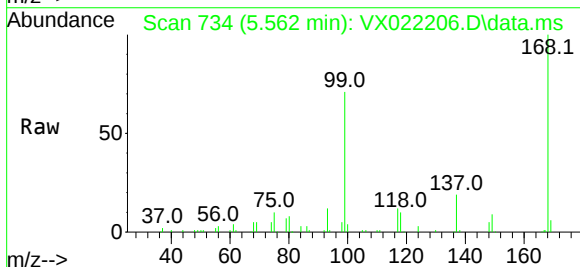
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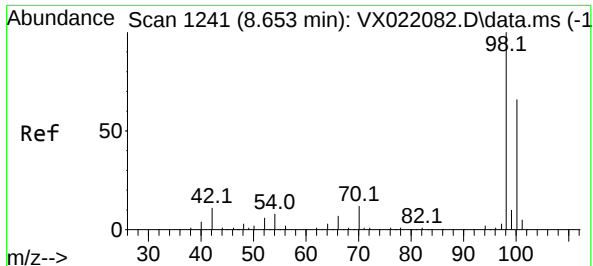
Tgt Ion: 75 Resp: 6589
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.93 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

Tgt Ion: 117 Resp: 7581
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

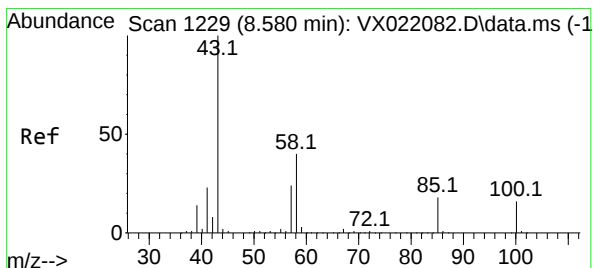
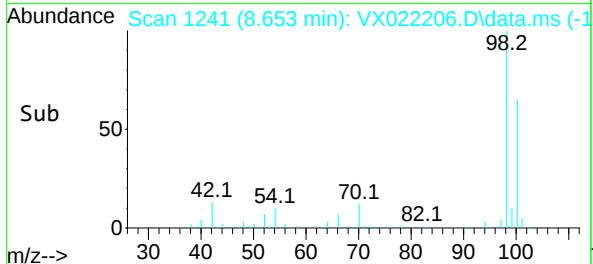
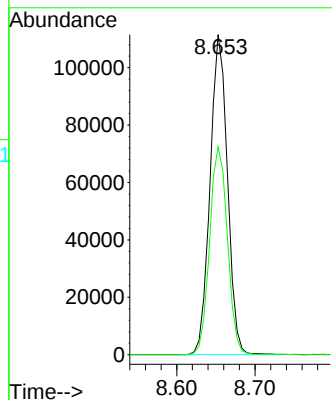
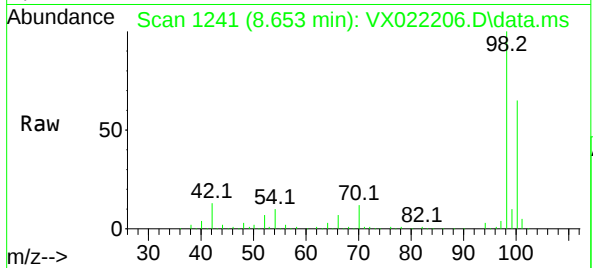




#50
Toluene-d8
Concen: 49.78 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

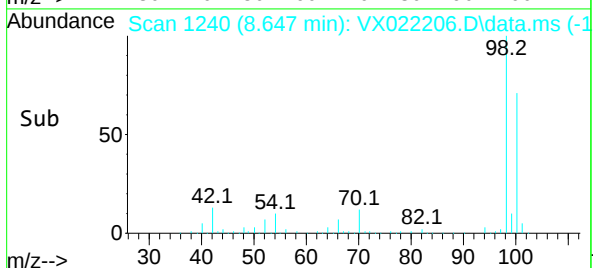
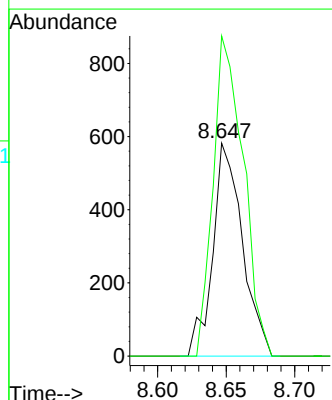
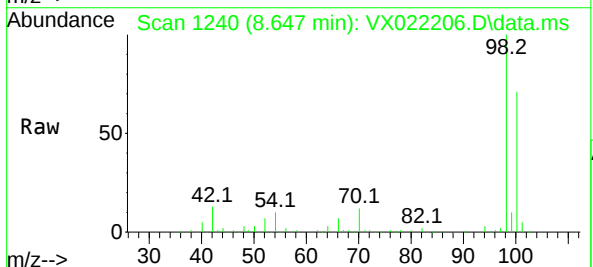
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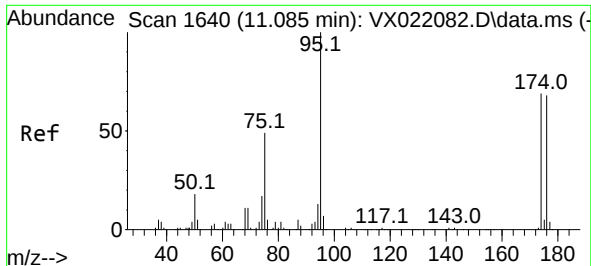
Tgt Ion: 98 Resp: 171808
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 153.5 35.4 53.0#

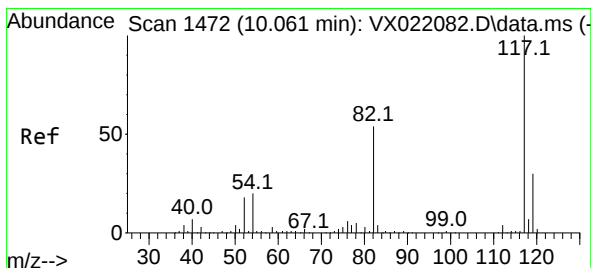
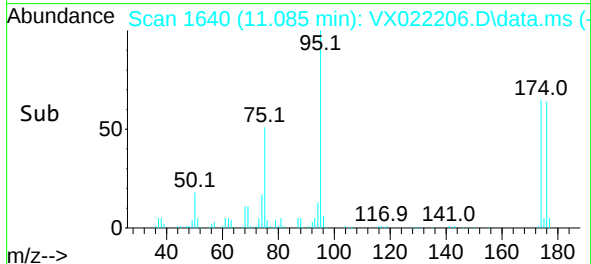
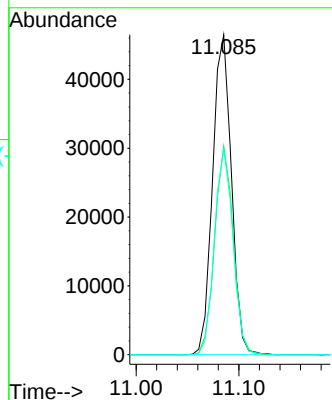
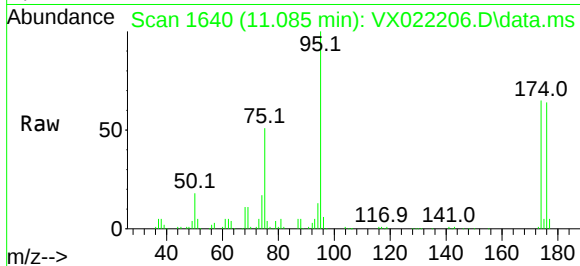




#62
4-Bromofluorobenzene
Concen: 46.14 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

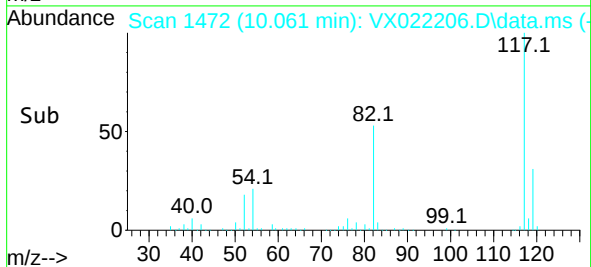
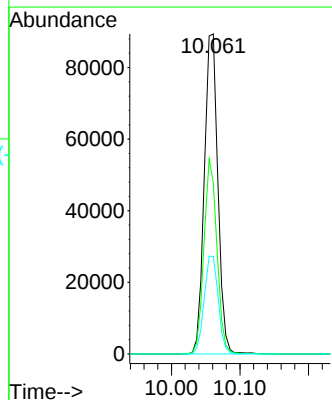
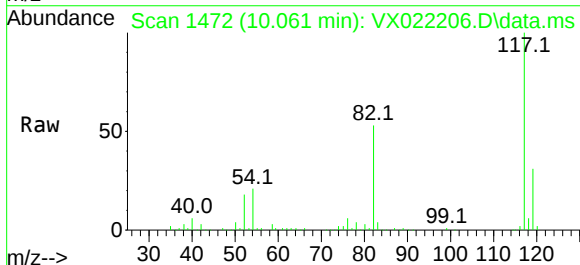
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210525

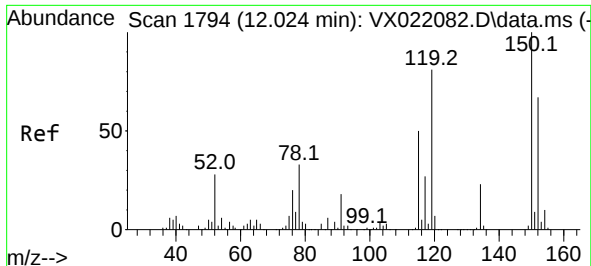
Tgt Ion: 95 Resp: 58863
Ion Ratio Lower Upper
95 100
174 64.6 0.0 154.6
176 63.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

Tgt Ion: 117 Resp: 123762
Ion Ratio Lower Upper
117 100
82 53.4 47.4 71.2
119 30.5 26.6 39.8

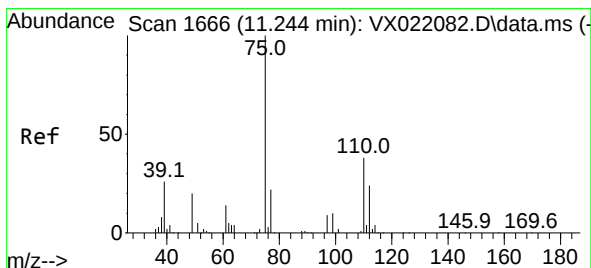
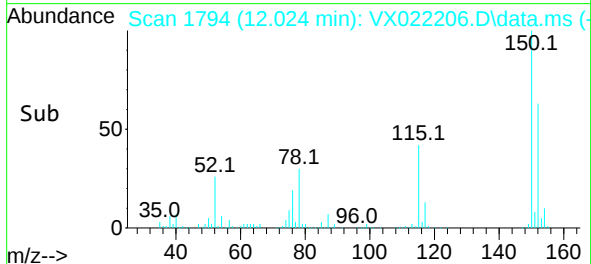
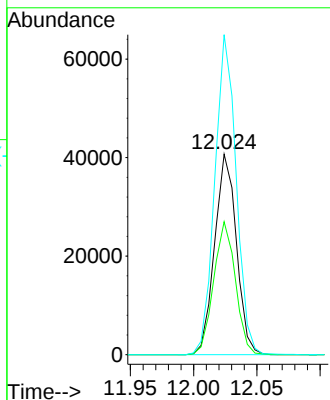
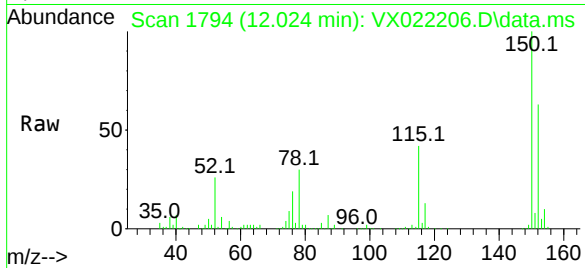




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

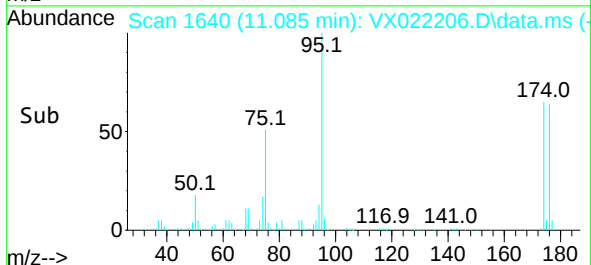
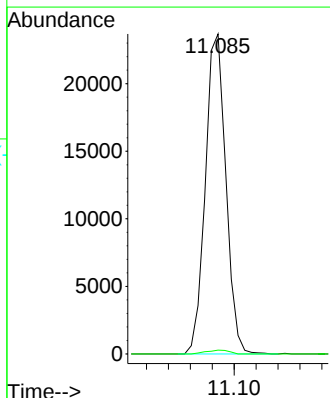
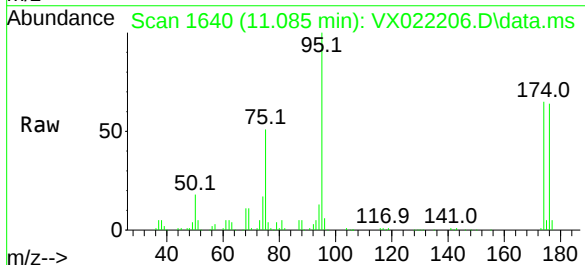
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210525

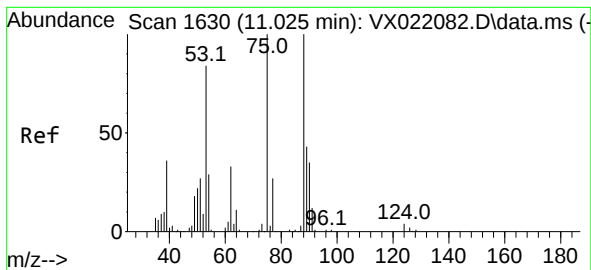
Tgt Ion:152 Resp: 48737
Ion Ratio Lower Upper
152 100
115 66.2 41.1 123.3
150 156.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.55 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022206.D
Acq: 26 May 2021 18:40

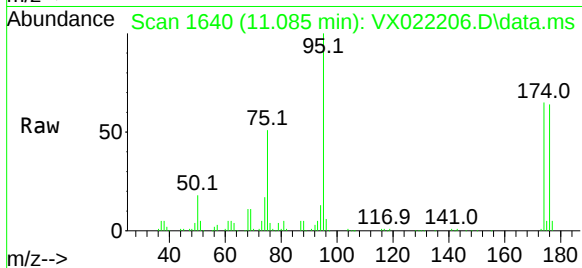
Tgt Ion: 75 Resp: 30726
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.55 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022206.D
 Acq: 26 May 2021 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-DITCH-IN-20210525



Tgt Ion: 75 Resp: 30726
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.4 37.9 56.9#

