

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021117.D
 Acq On : 09 Mar 2021 18:20
 Operator : JC/MD
 Sample : M1596-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROOF-DRAIN-20210305

Quant Time: Mar 10 00:34:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

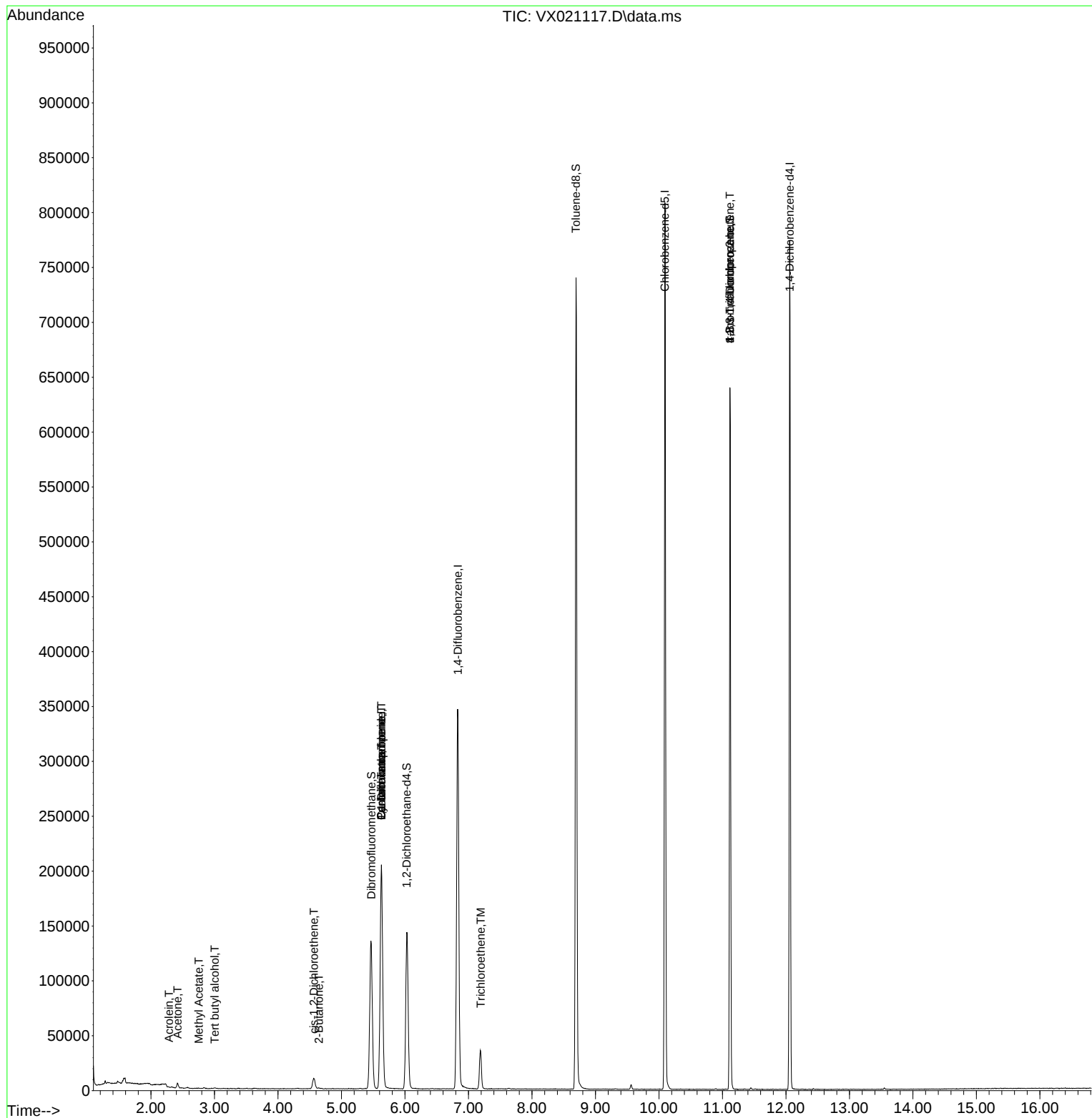
Internal Standards						
1) Pentafluorobenzene	5.629	168	193078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	367786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	368114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	166066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	136184	52.22	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.44%			
35) Dibromofluoromethane	5.470	113	117879	52.75	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.50%			
50) Toluene-d8	8.694	98	463107	53.15	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.30%			
62) 4-Bromofluorobenzene	11.118	95	179292	55.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.30%			
Target Compounds						
5) Bromomethane	1.634	94	227	Below Cal	#	53
11) Tert butyl alcohol	3.005	59	572	0.98 ug/l	#	73
13) Acrolein	2.281	56	368	1.02 ug/l		96
16) Acetone	2.416	43	4273	3.98 ug/l		97
18) Methyl Acetate	2.752	43	657	0.26 ug/l	#	47
25) 2-Butanone	4.646	43	1545	0.95 ug/l		92
27) cis-1,2-Dichloroethene	4.564	96	6289	2.25 ug/l		94
31) Cyclohexane	5.629	56	3926	1.04 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	15161	4.34 ug/l	#	48
38) Carbon Tetrachloride	5.629	117	18853	5.57 ug/l	#	15
44) Trichloroethene	7.194	130	14207	5.16 ug/l		91
76) 1,2,3-Trichloropropane	11.118	75	84030	23.52 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	84030	52.08 ug/l	#	12

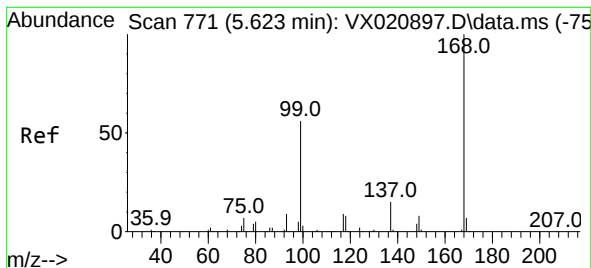
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 10 00:34:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.006 min

Lab File: VX021117.D

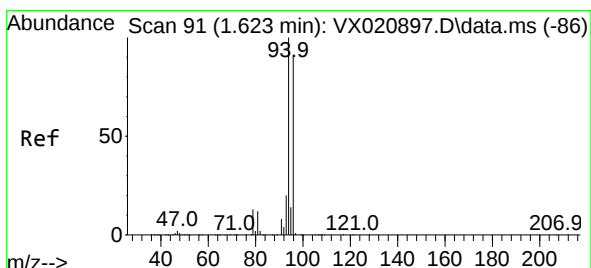
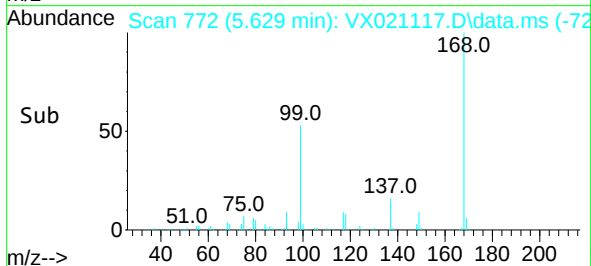
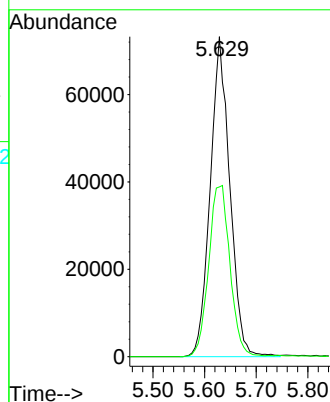
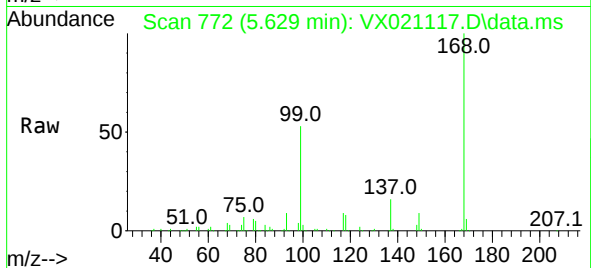
Acq: 09 Mar 2021 18:20

Tgt Ion:168 Resp: 193078

Ion Ratio Lower Upper

168 100

99 53.0 45.8 68.6



#5

Bromomethane

Concen: Below Cal

RT: 1.634 min Scan# 93

Delta R.T. 0.011 min

Lab File: VX021117.D

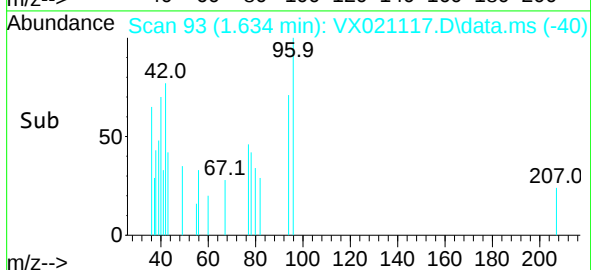
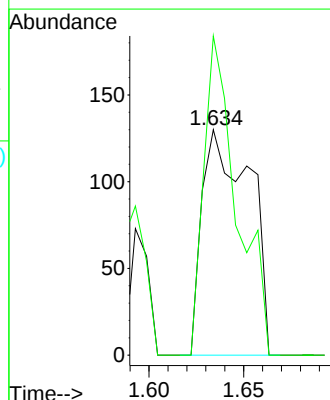
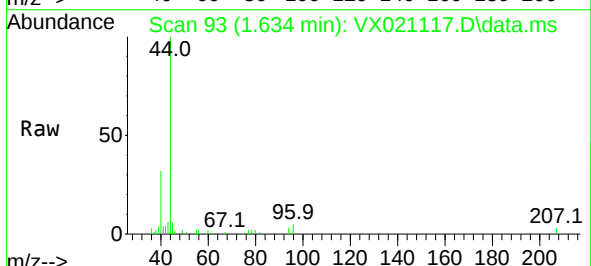
Acq: 09 Mar 2021 18:20

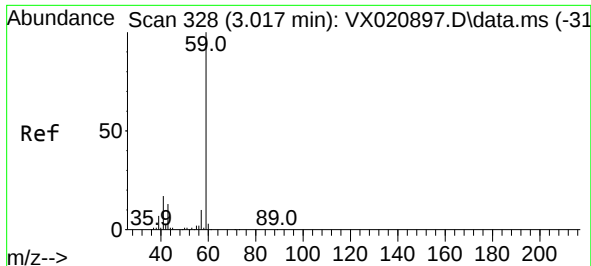
Tgt Ion: 94 Resp: 227

Ion Ratio Lower Upper

94 100

96 141.5 76.4 114.6#

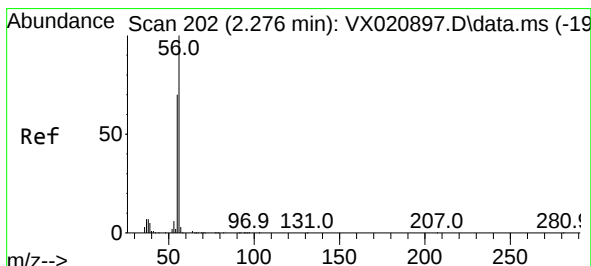
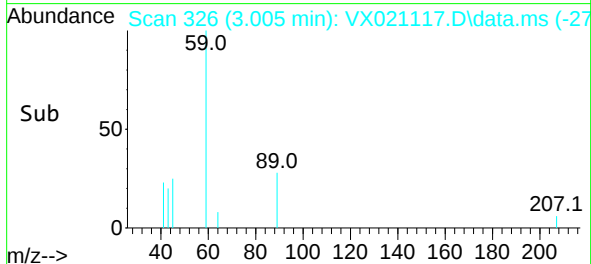
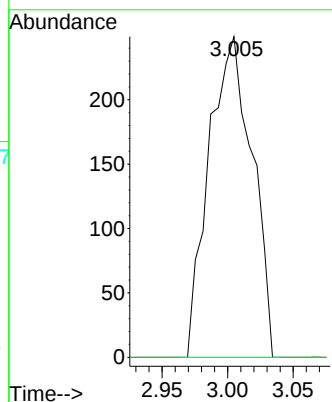
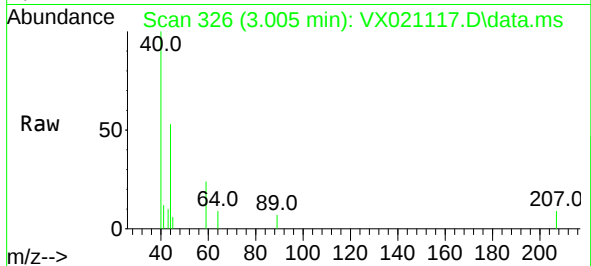




#11
Tert butyl alcohol
Concen: 0.98 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

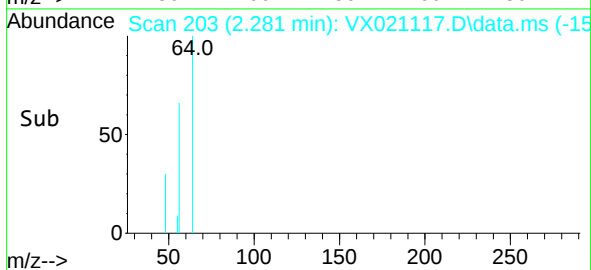
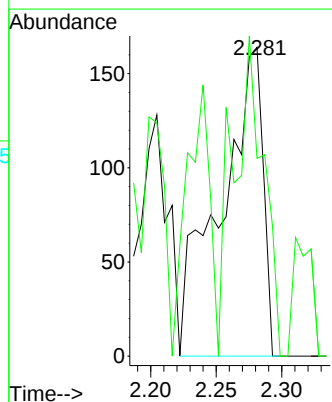
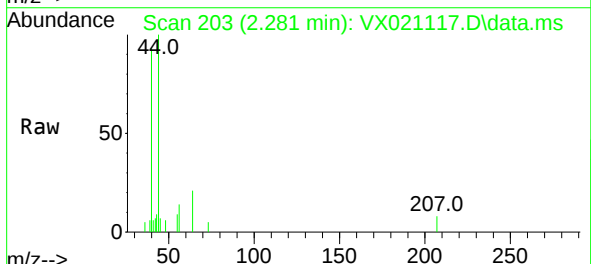
Instrument :
MSVOA_X
ClientSampleId :
ROOF-DRAIN-20210305

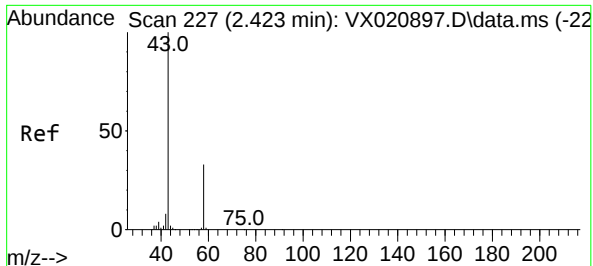
Tgt Ion: 59 Resp: 572
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 1.02 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

Tgt Ion: 56 Resp: 368
Ion Ratio Lower Upper
56 100
55 73.9 56.4 84.6

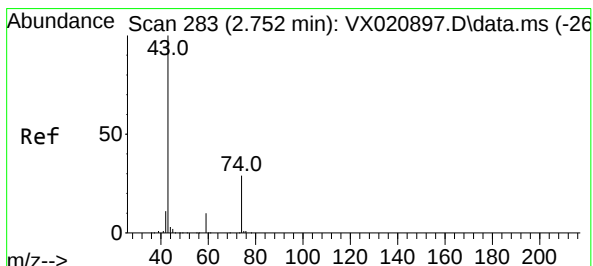
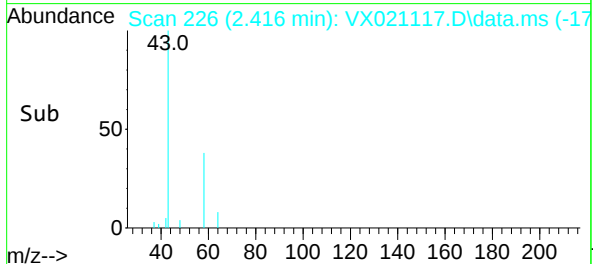
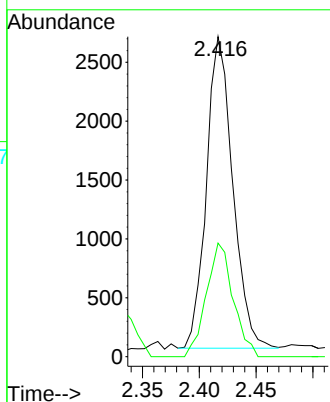
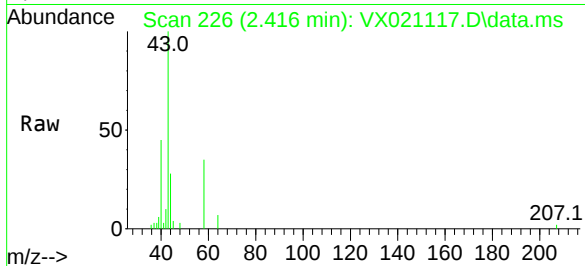




#16
Acetone
Concen: 3.98 ug/l
RT: 2.416 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

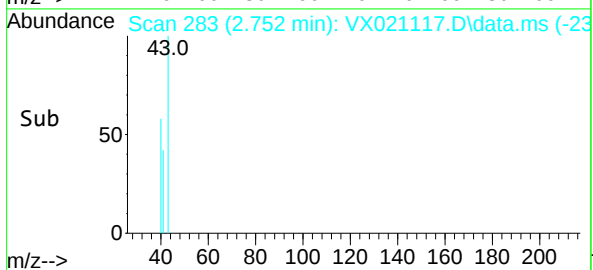
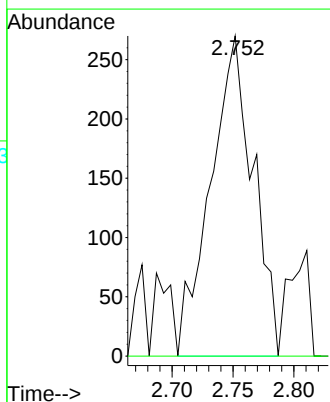
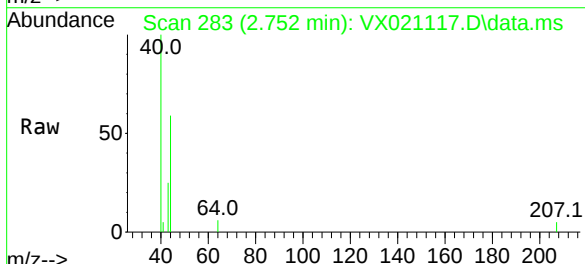
Instrument :
MSVOA_X
ClientSampleId :
ROOF-DRAIN-20210305

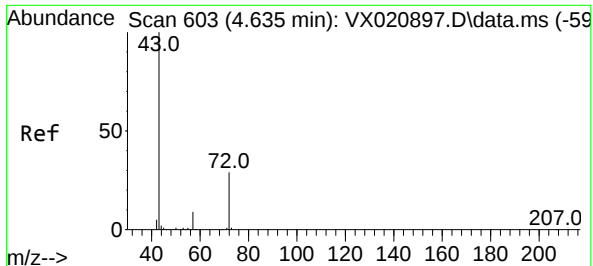
Tgt Ion: 43 Resp: 4273
Ion Ratio Lower Upper
43 100
58 36.4 27.8 41.8



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

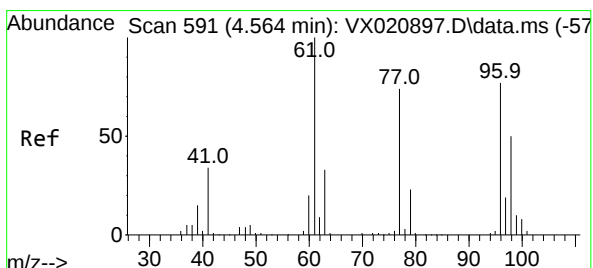
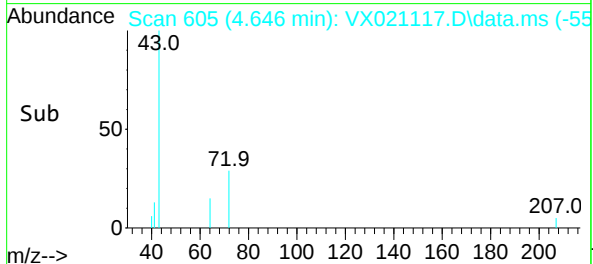
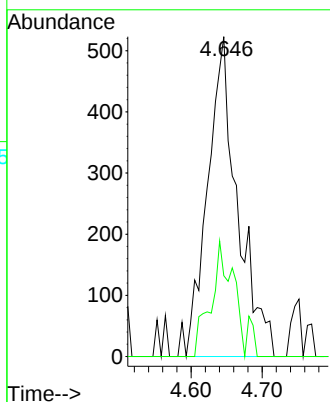
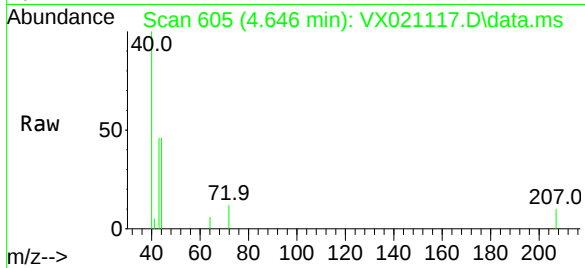




#25
2-Butanone
Concen: 0.95 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.011 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

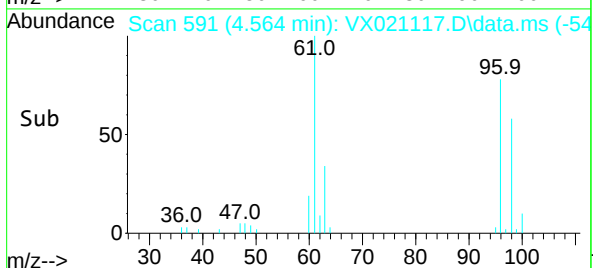
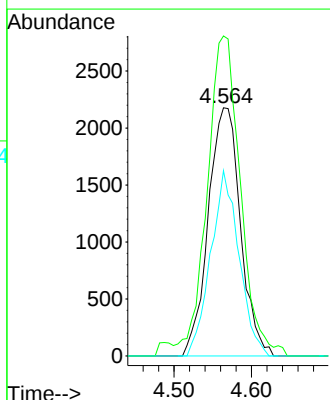
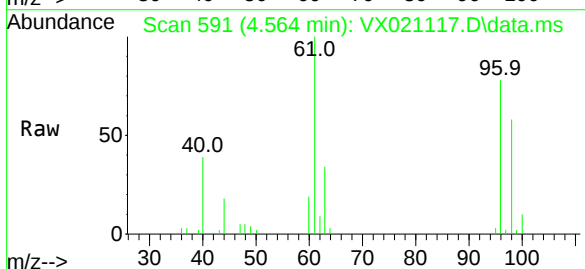
Instrument :
MSVOA_X
ClientSampleId :
ROOF-DRAIN-20210305

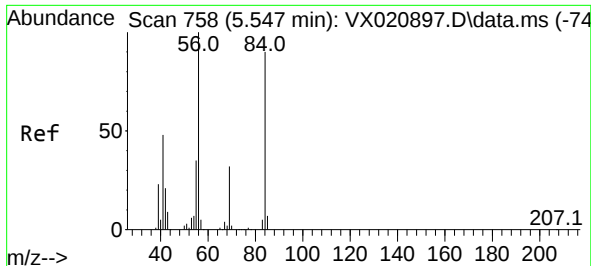
Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
72 25.2 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 2.25 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

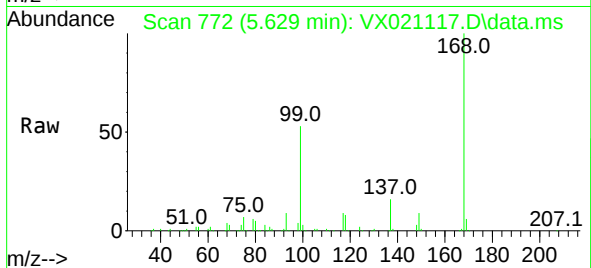
Tgt Ion: 96 Resp: 6289
Ion Ratio Lower Upper
96 100
61 133.0 0.0 285.6
98 65.7 0.0 129.6



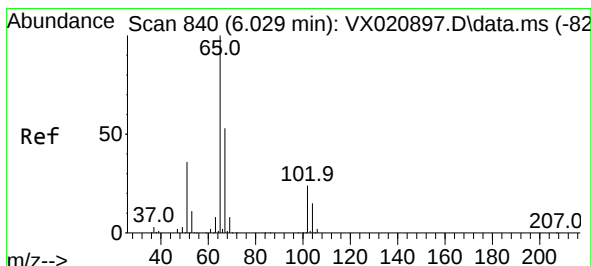
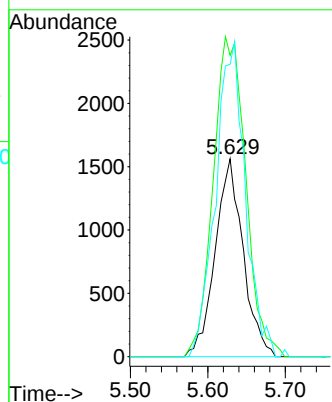
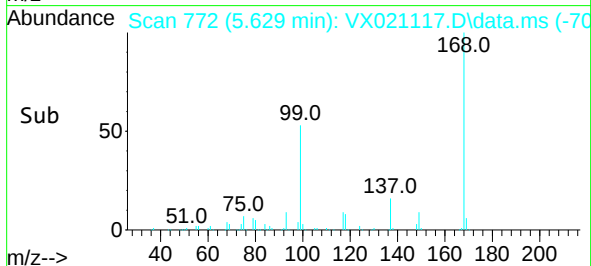


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

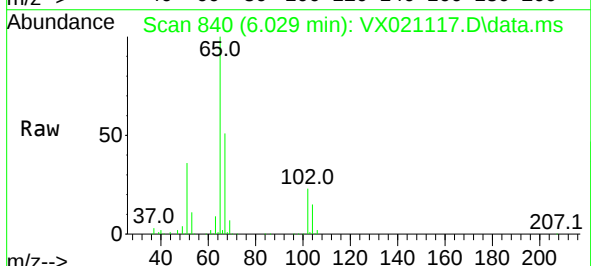
Instrument :
MSVOA_X
ClientSampleId :
ROOF-DRAIN-20210305



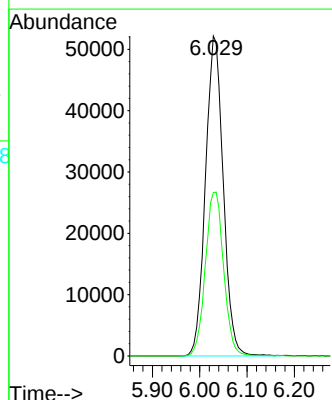
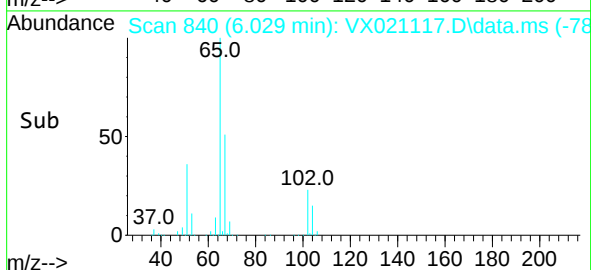
Tgt Ion: 56 Resp: 3926
Ion Ratio Lower Upper
56 100
69 152.2 25.3 37.9#
84 147.8 71.4 107.0#

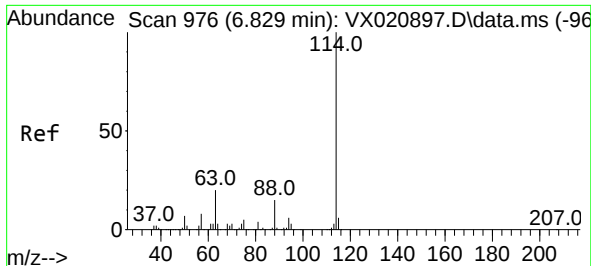


#33
1,2-Dichloroethane-d4
Concen: 52.22 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20



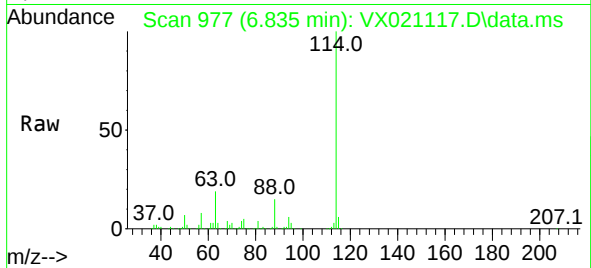
Tgt Ion: 65 Resp: 136184
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



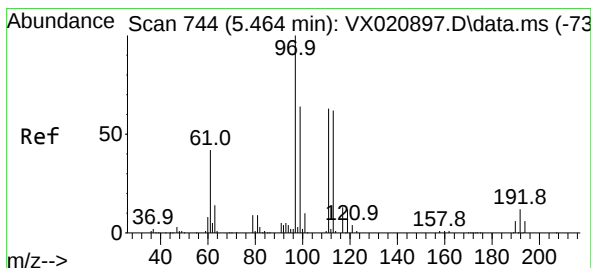
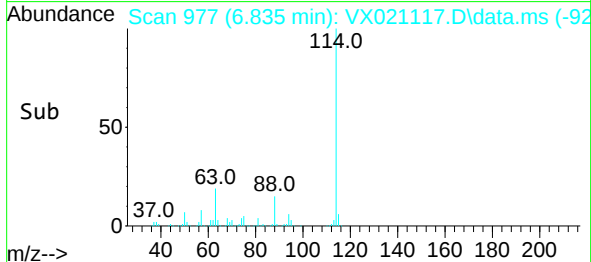
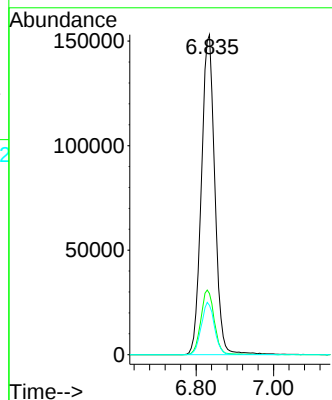


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.005 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

Instrument :
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ClientSampleId :
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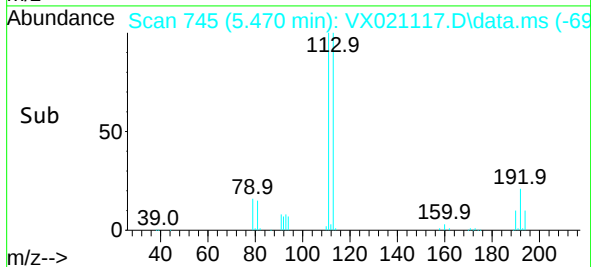
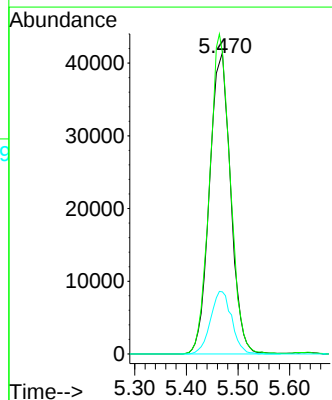
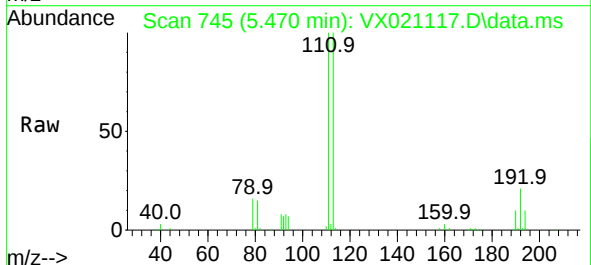


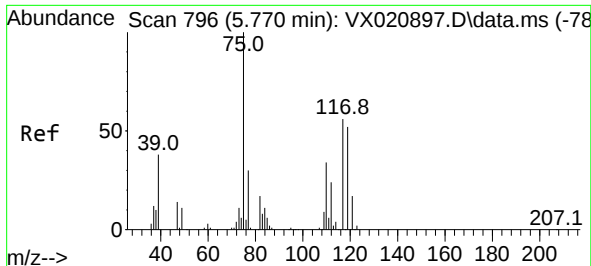
Tgt Ion:114 Resp: 367786
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.75 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.005 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

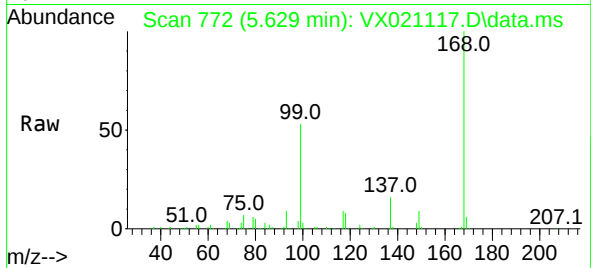
Tgt Ion:113 Resp: 117879
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 20.7 16.7 25.1



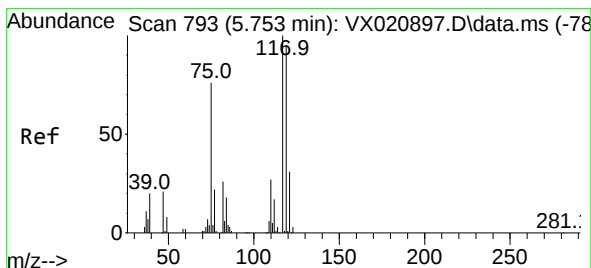
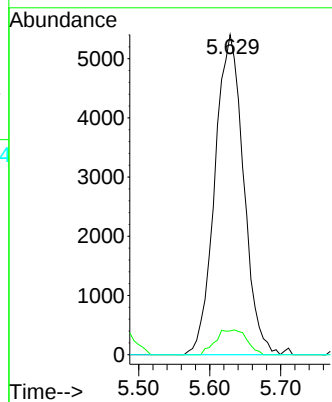
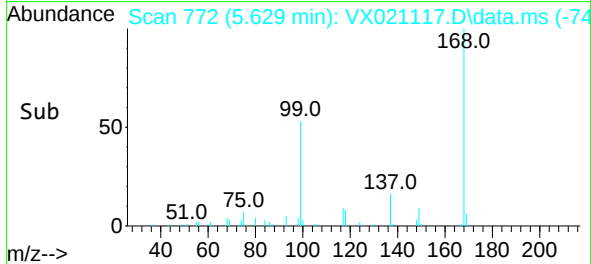


#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.142 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

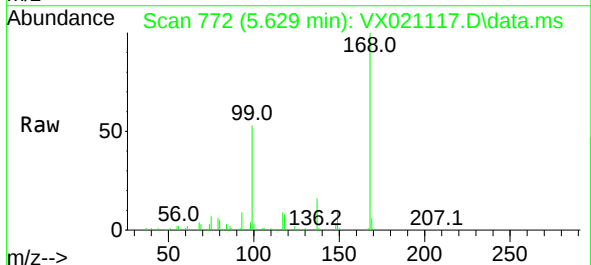
Instrument :
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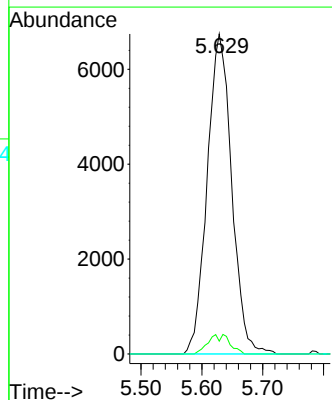
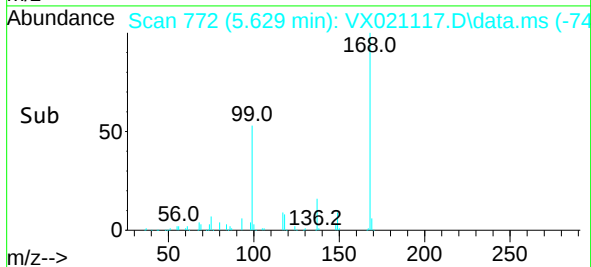
Tgt Ion: 75 Resp: 15161
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#

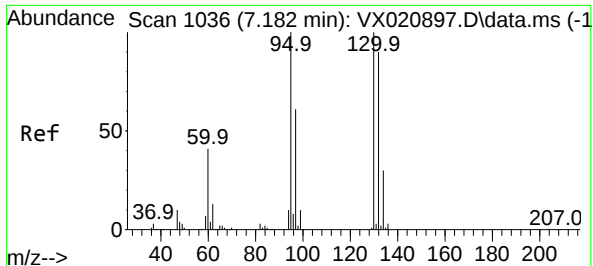


#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20



Tgt Ion: 117 Resp: 18853
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#

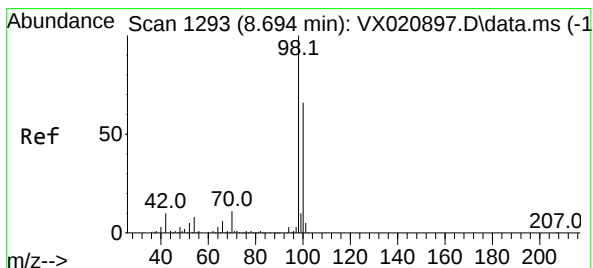
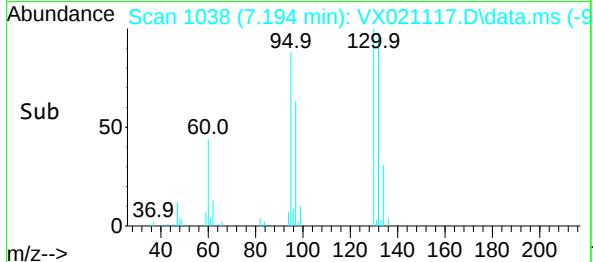
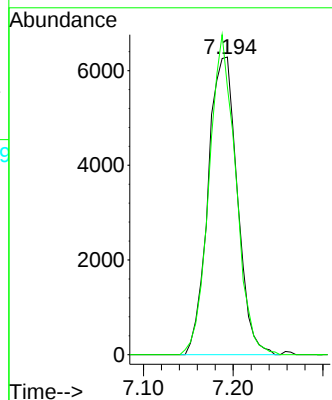
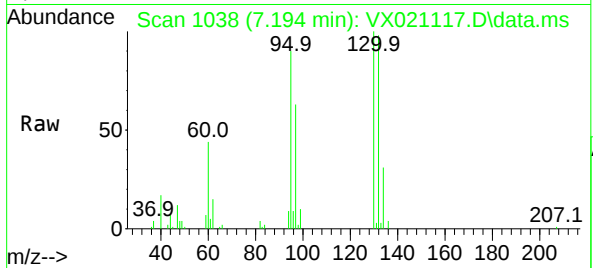




#44
Trichloroethene
Concen: 5.16 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. 0.011 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

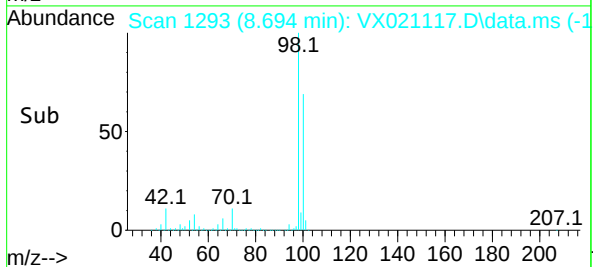
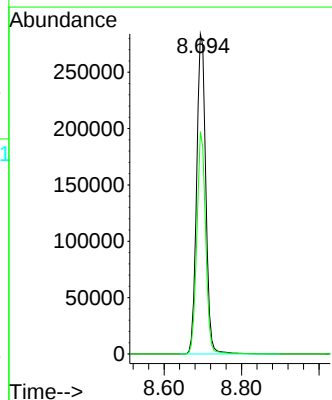
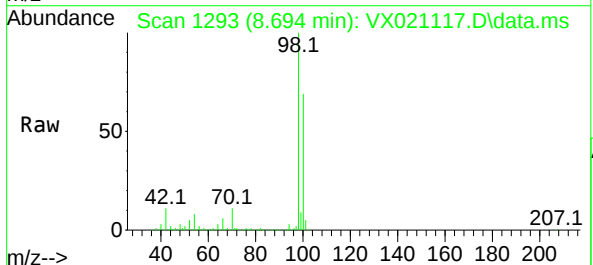
Instrument :
MSVOA_X
ClientSampleId :
ROOF-DRAIN-20210305

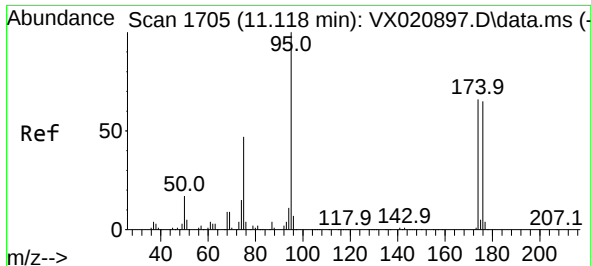
Tgt Ion:130 Resp: 14207
Ion Ratio Lower Upper
130 100
95 89.9 0.0 198.0



#50
Toluene-d8
Concen: 53.15 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

Tgt Ion: 98 Resp: 463107
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9

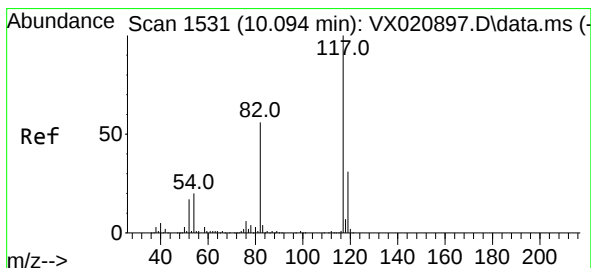
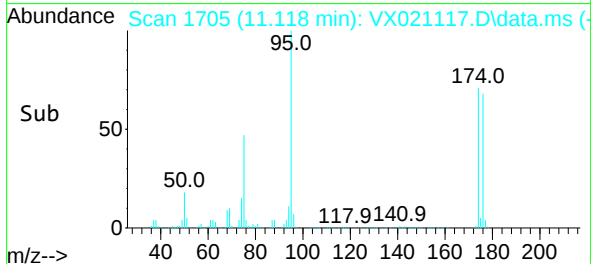
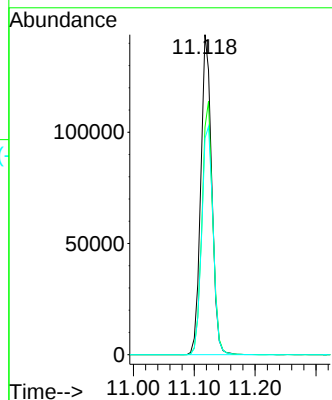
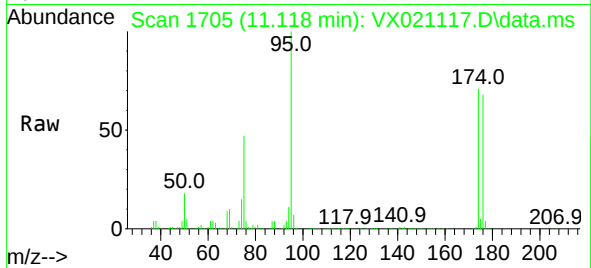




#62
4-Bromofluorobenzene
Concen: 55.65 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

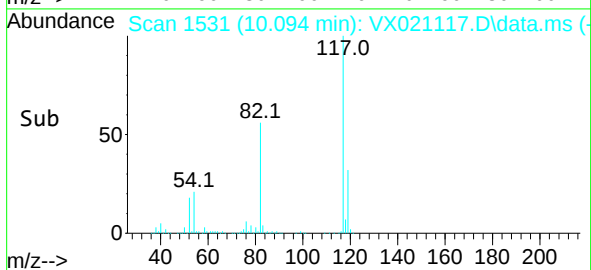
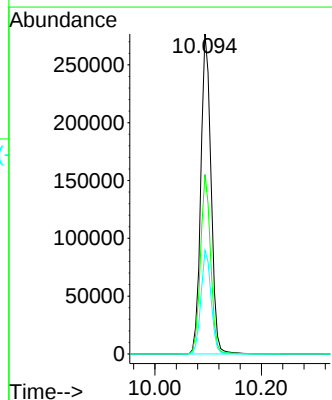
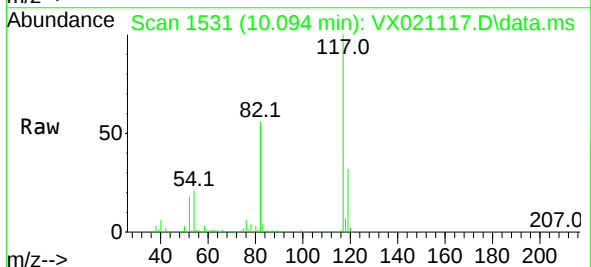
Instrument :
MSVOA_X
ClientSampleId :
ROOF-DRAIN-20210305

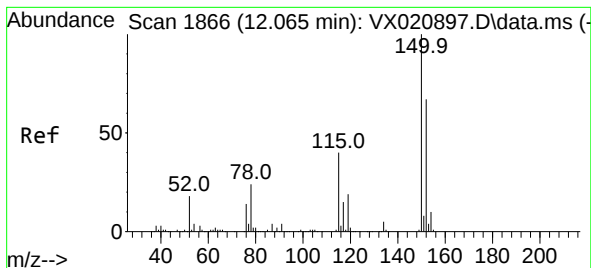
Tgt Ion: 95 Resp: 179292
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.6
176 74.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021117.D
Acq: 09 Mar 2021 18:20

Tgt Ion: 117 Resp: 368114
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.3 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.059 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VX021117.D

Acq: 09 Mar 2021 18:20

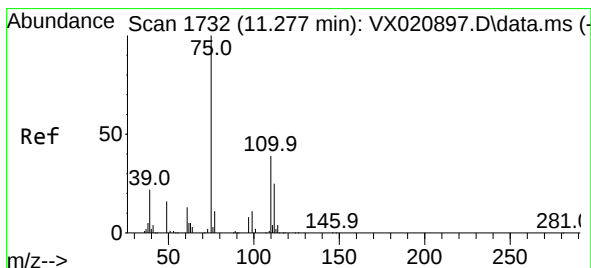
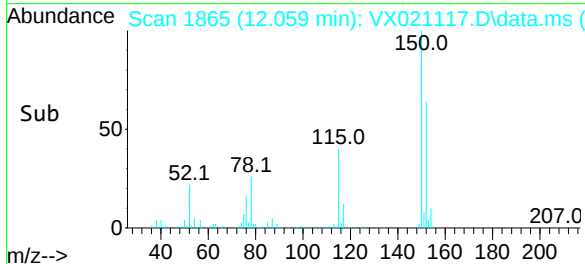
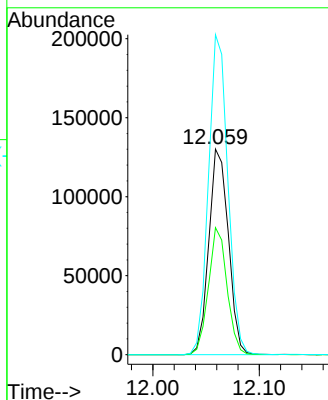
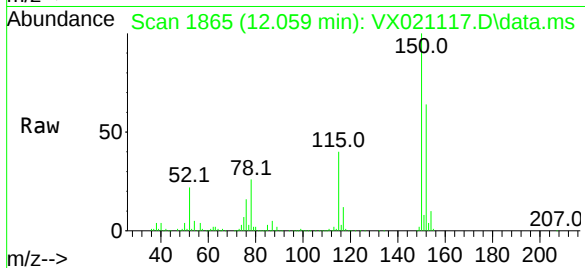
Tgt Ion:152 Resp: 166066

Ion Ratio Lower Upper

152 100

115 58.9 41.1 123.3

150 154.0 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 23.52 ug/l

RT: 11.118 min Scan# 1705

Delta R.T. -0.159 min

Lab File: VX021117.D

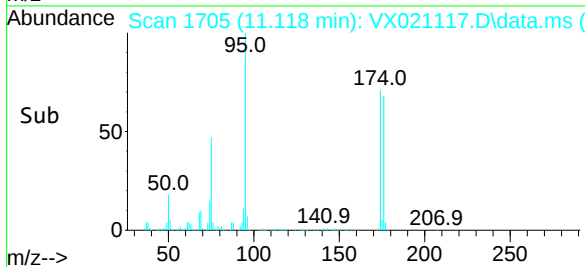
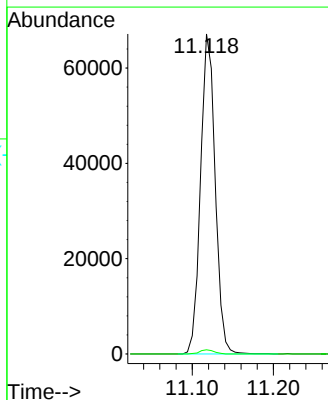
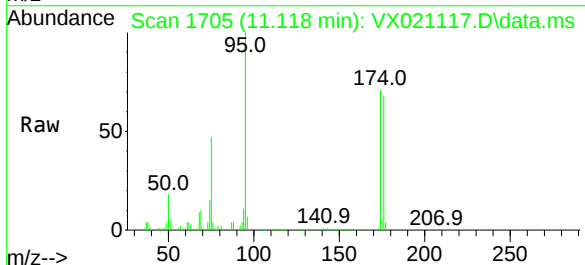
Acq: 09 Mar 2021 18:20

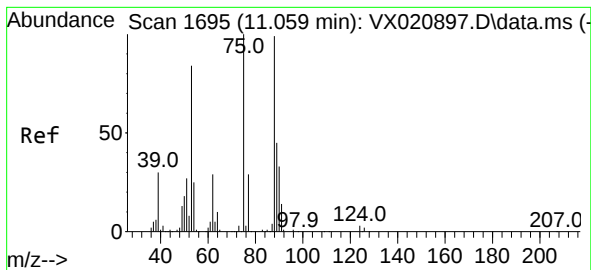
Tgt Ion: 75 Resp: 84030

Ion Ratio Lower Upper

75 100

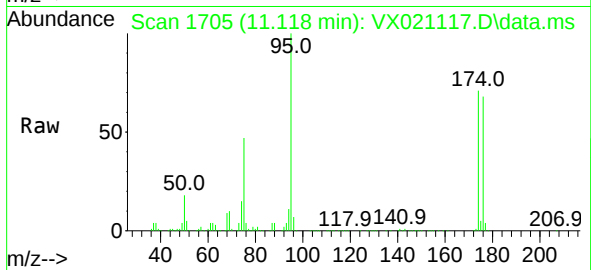
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.08 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.058 min
 Lab File: VX021117.D
 Acq: 09 Mar 2021 18:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ROOF-DRAIN-20210305



Tgt Ion: 75 Resp: 84030
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

