

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071005.D
 Acq On : 18 Feb 2022 17:03
 Operator : JC\MD
 Sample : N1581-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ROOF-DRAIN-20220215

Quant Time: Feb 19 04:09:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

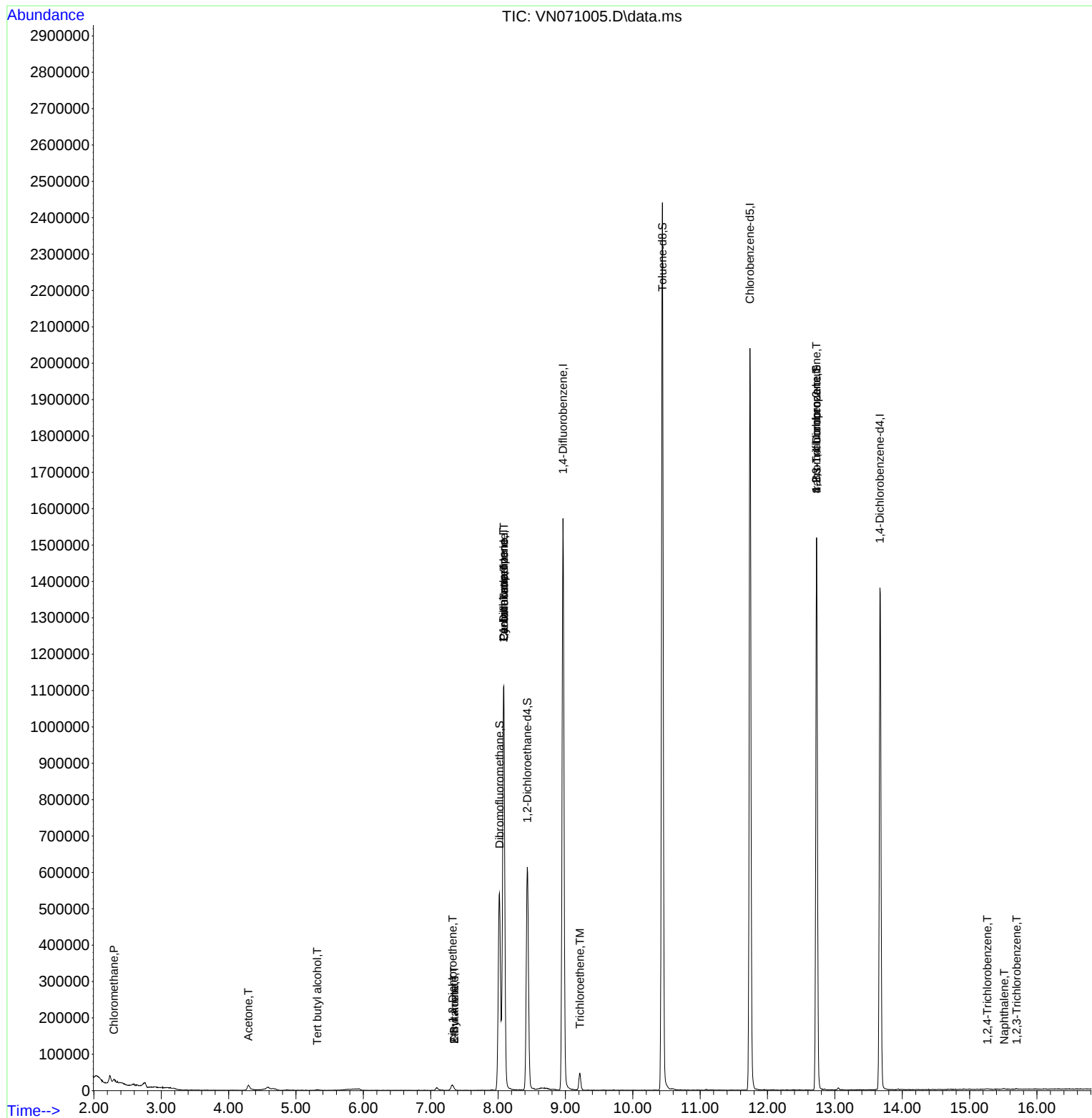
Internal Standards						
1) Pentafluorobenzene	8.087	168	881445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1380592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1211019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	405792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	513870	51.035	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 102.080%		
35) Dibromofluoromethane	8.022	113	404102	49.210	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.420%		
50) Toluene-d8	10.439	98	1667145	50.554	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 101.100%		
62) 4-Bromofluorobenzene	12.727	95	529655	44.933	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 89.860%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2699	0.235	ug/l	96
11) Tert butyl alcohol	5.316	59	1862	1.015	ug/l #	71
16) Acetone	4.293	43	22259	4.014	ug/l	97
18) Methyl Acetate	4.863	43	3256	Below Cal	#	59
25) 2-Butanone	7.351	43	3321	0.450	ug/l	95
27) cis-1,2-Dichloroethene	7.328	96	7261	0.682	ug/l	94
31) Cyclohexane	8.087	56	17658	1.014	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	65978	4.904	ug/l #	49
37) Ethyl Acetate	7.351	43	3321	0.230	ug/l #	68
38) Carbon Tetrachloride	8.087	117	85811	6.473	ug/l #	16
44) Trichloroethene	9.216	130	18034	1.721	ug/l	97
76) 1,2,3-Trichloropropane	12.727	75	268002	28.050	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	268002	90.895	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	1031	2.131	ug/l #	59
95) Naphthalene	15.516	128	2842	5.131	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.698	180	841	2.632	ug/l #	79

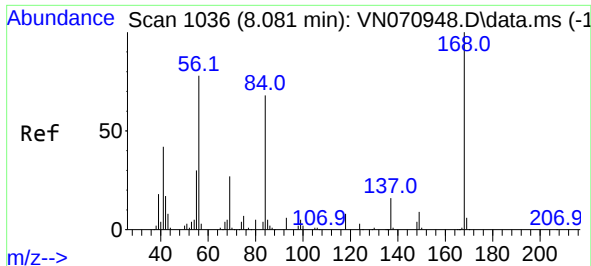
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
Data File : VN071005.D
Acq On : 18 Feb 2022 17:03
Operator : JC\MD
Sample : N1581-21
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

Quant Time: Feb 19 04:09:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
Response via : Initial Calibration

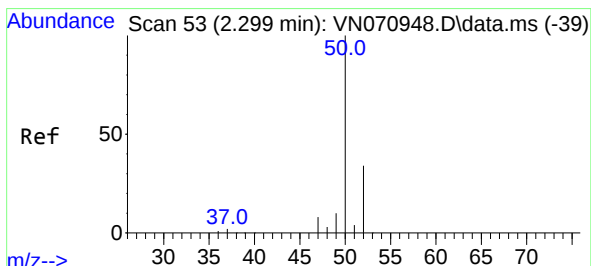
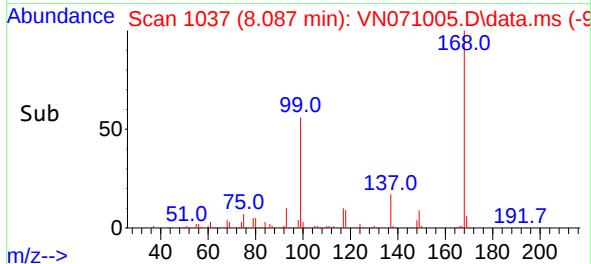
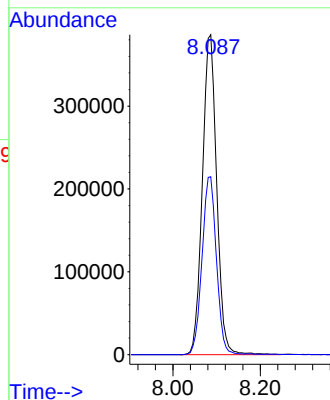
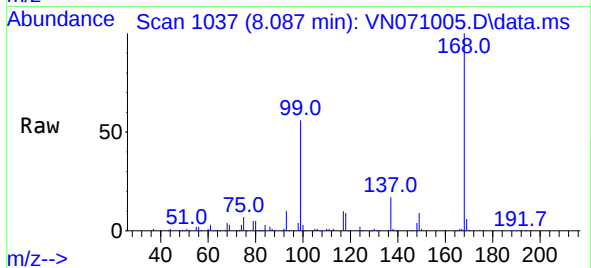




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

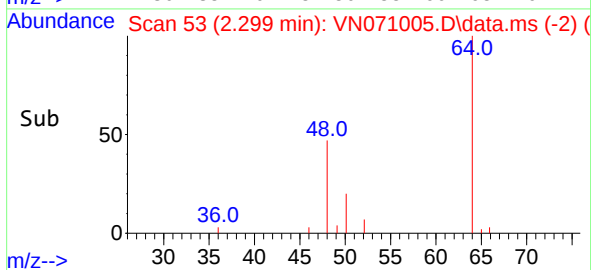
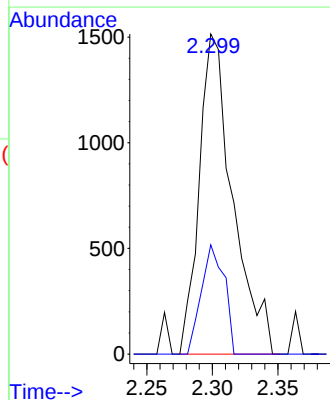
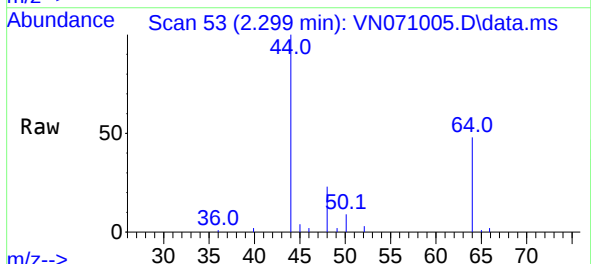
Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

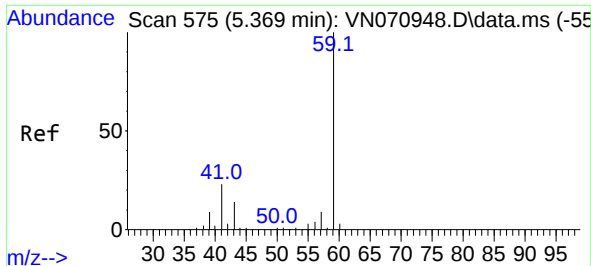
Tgt Ion:168 Resp: 881445
Ion Ratio Lower Upper
168 100
99 55.6 41.3 61.9



#3
Chloromethane
Concen: 0.235 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 50 Resp: 2699
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.0

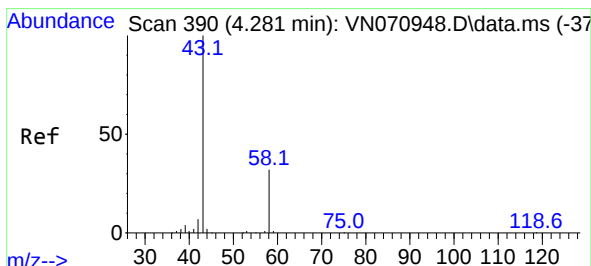
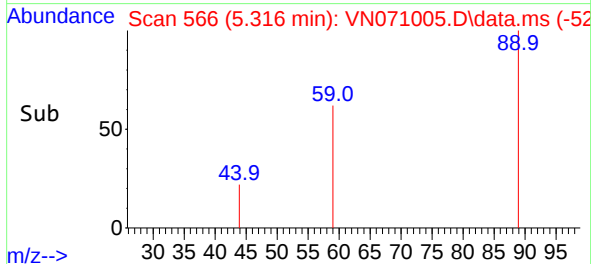
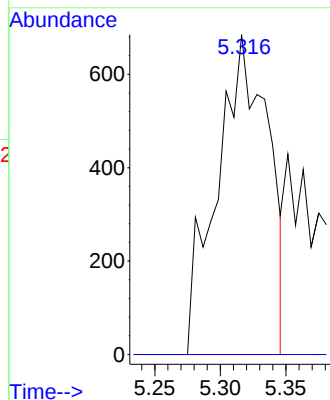
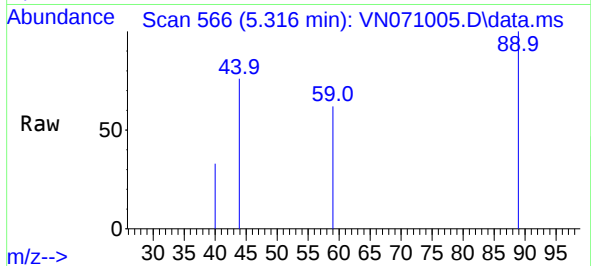




#11
Tert butyl alcohol
Concen: 1.015 ug/l
RT: 5.316 min Scan# 50
Delta R.T. -0.053 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

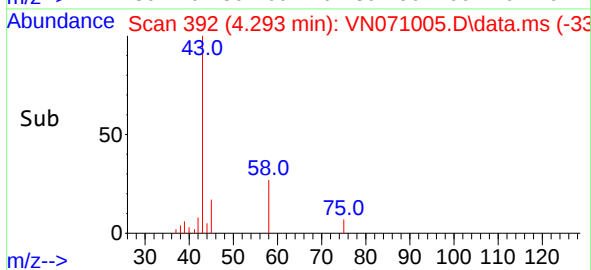
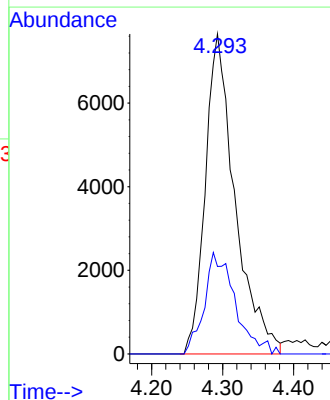
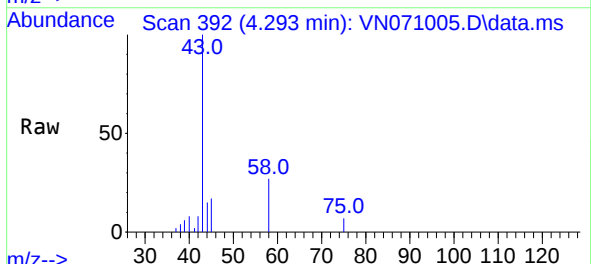
Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

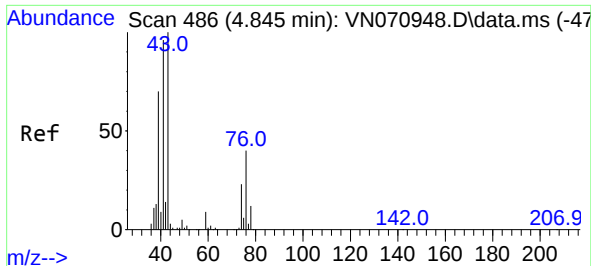
Tgt Ion: 59 Resp: 1862
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 4.014 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 43 Resp: 22259
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7

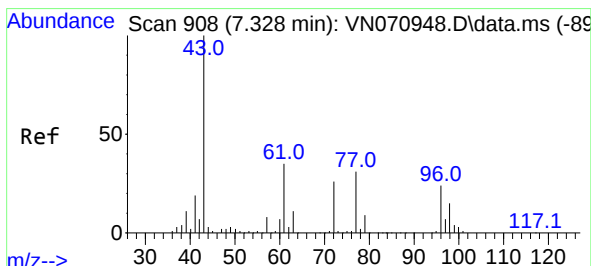
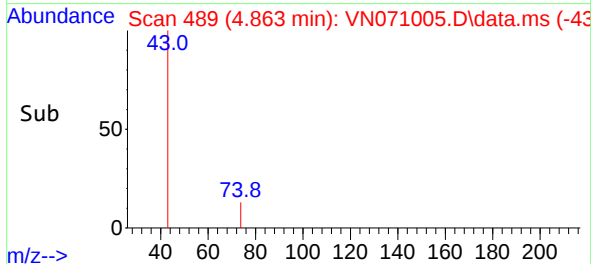
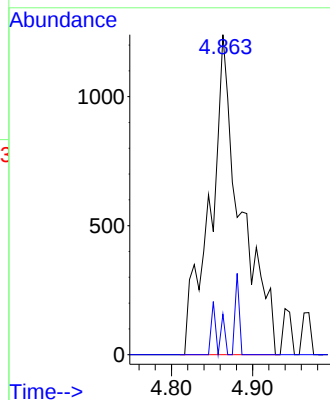
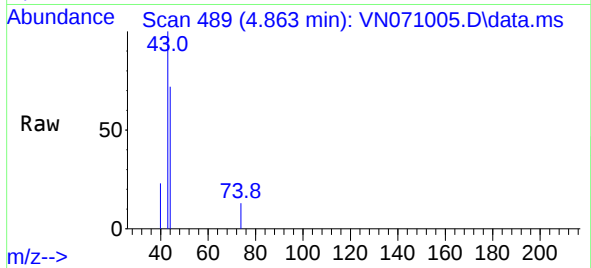




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

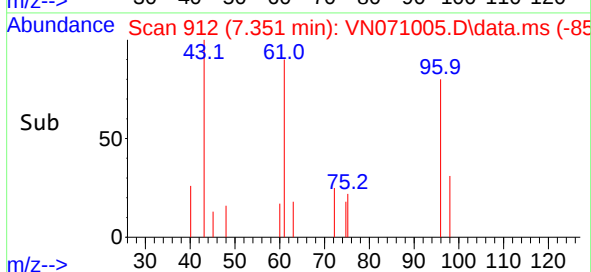
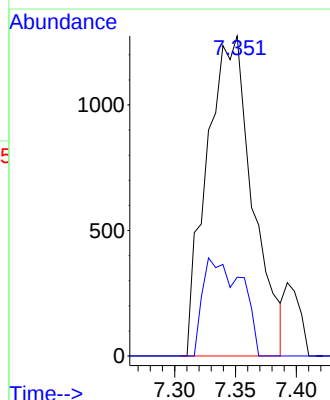
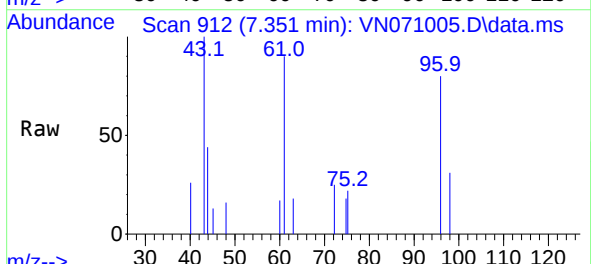
Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

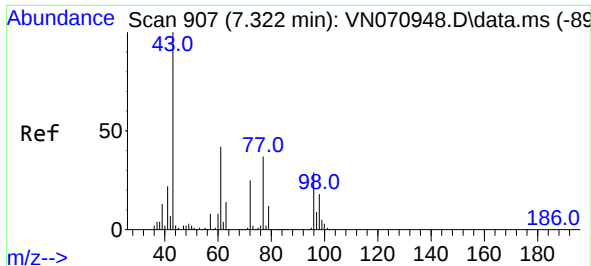
Tgt Ion: 43 Resp: 3256
Ion Ratio Lower Upper
43 100
74 3.9 19.4 29.2#



#25
2-Butanone
Concen: 0.450 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.024 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

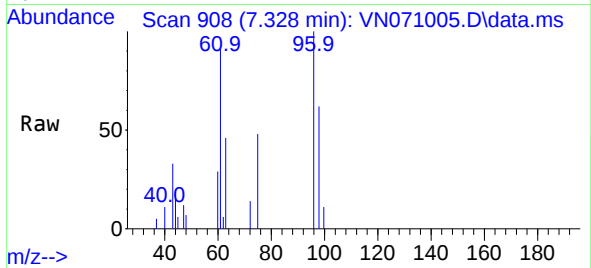
Tgt Ion: 43 Resp: 3321
Ion Ratio Lower Upper
43 100
72 24.6 21.7 32.5



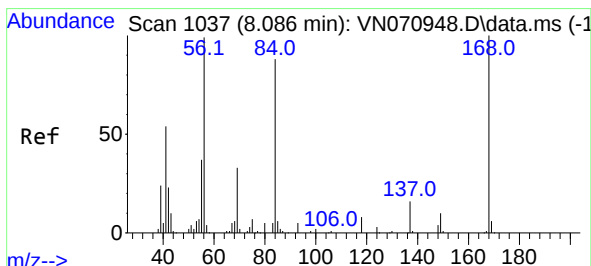
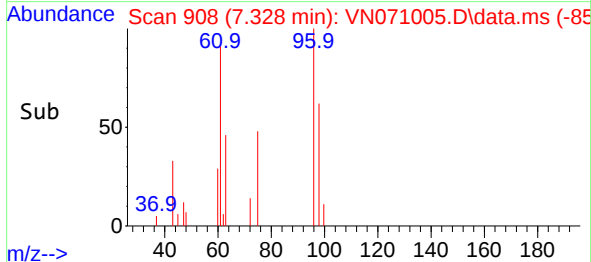
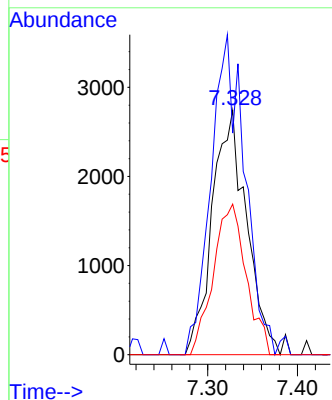


#27
 cis-1,2-Dichloroethene
 Concen: 0.682 ug/l
 RT: 7.328 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VN071005.D
 Acq: 18 Feb 2022 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 ROOF-DRAIN-20220215

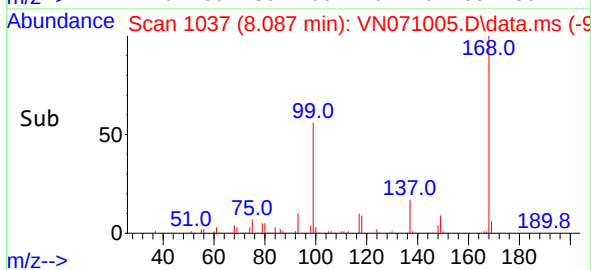
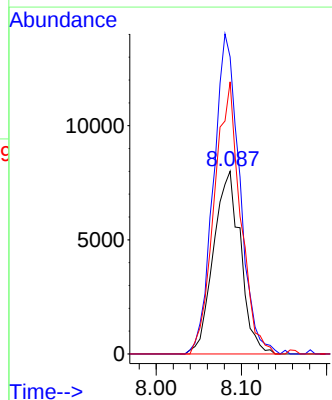
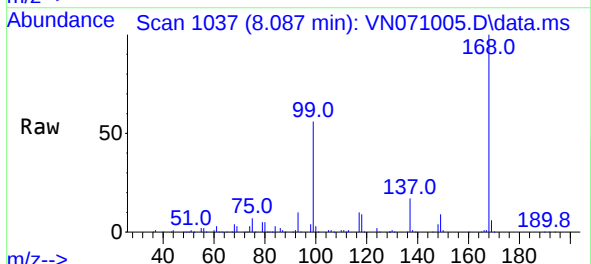


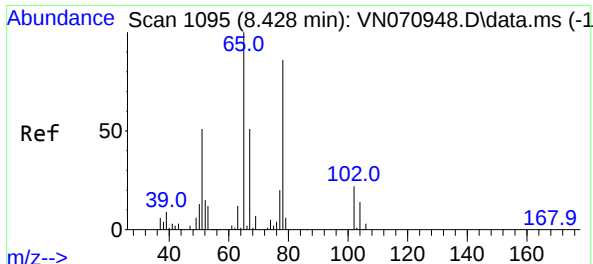
Tgt Ion: 96 Resp: 7261
 Ion Ratio Lower Upper
 96 100
 61 131.2 0.0 275.0
 98 59.2 0.0 129.6



#31
 Cyclohexane
 Concen: 1.014 ug/l
 RT: 8.087 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VN071005.D
 Acq: 18 Feb 2022 17:03

Tgt Ion: 56 Resp: 17658
 Ion Ratio Lower Upper
 56 100
 69 162.6 27.1 40.7#
 84 149.0 73.4 110.0#

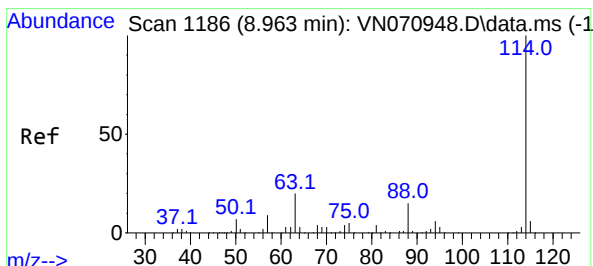
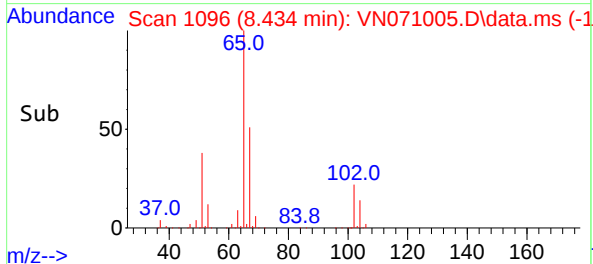
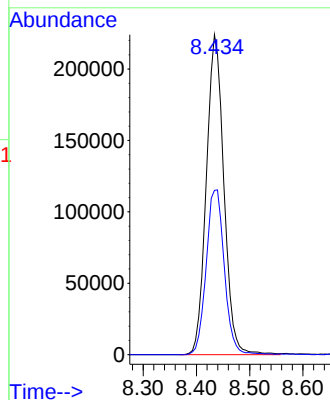
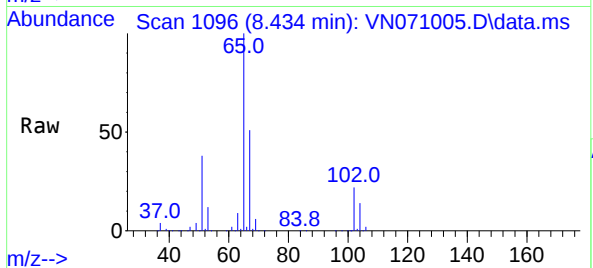




#33
1,2-Dichloroethane-d4
Concen: 51.035 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

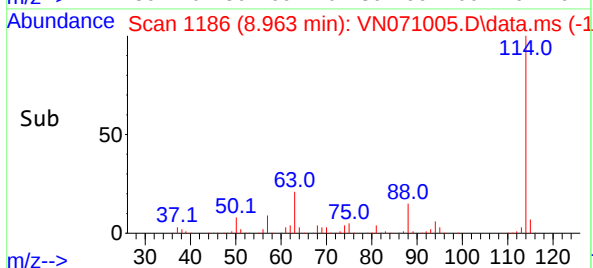
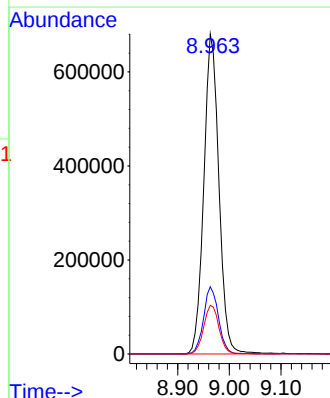
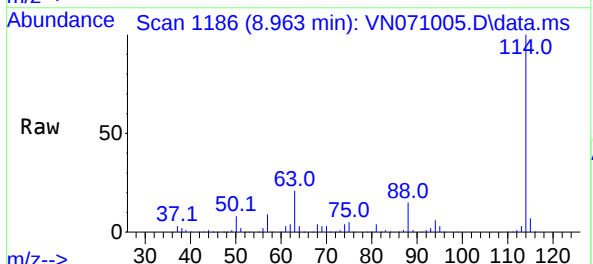
Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

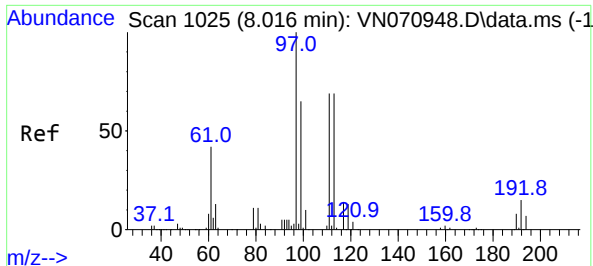
Tgt Ion: 65 Resp: 513870
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 114 Resp: 1380592
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.8
88 15.2 0.0 27.4

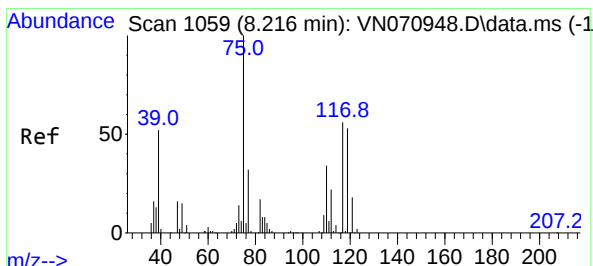
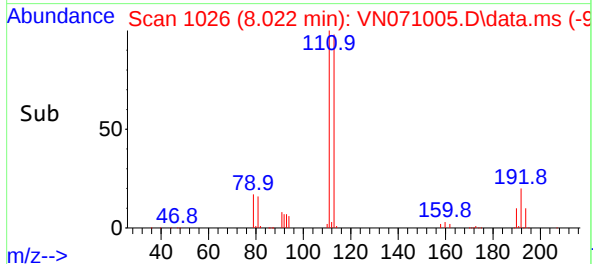
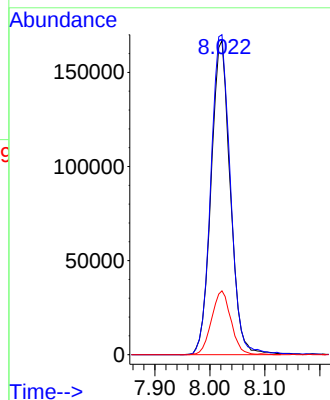
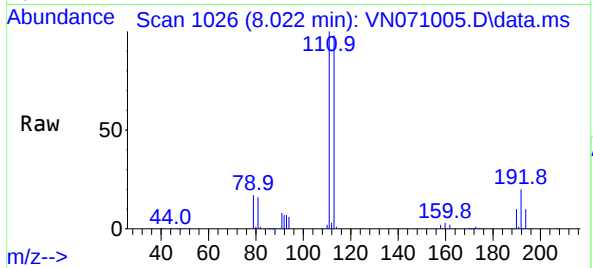




#35
Dibromofluoromethane
Concen: 49.210 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

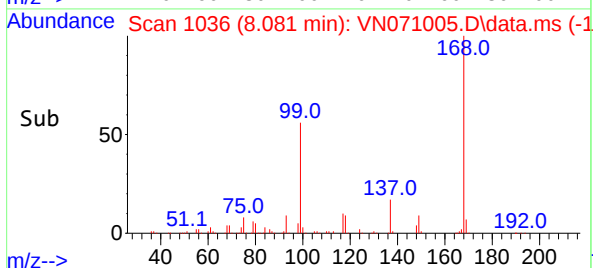
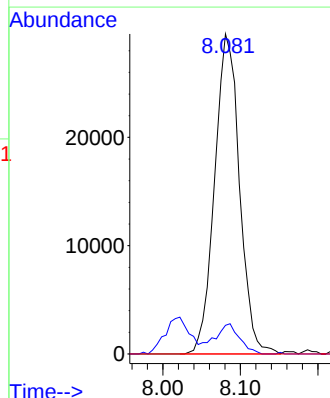
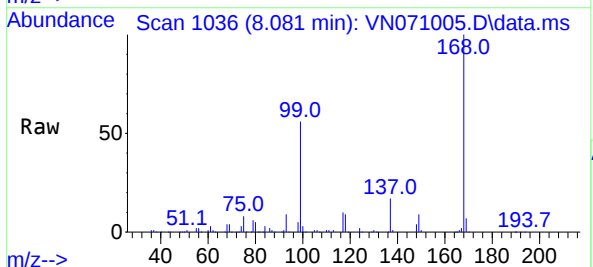
Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

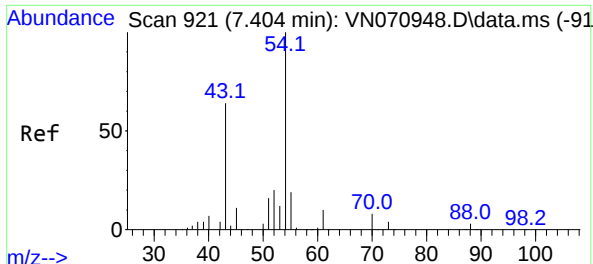
Tgt Ion:113 Resp: 404102
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.904 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

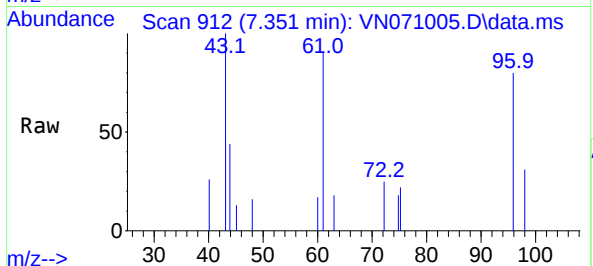
Tgt Ion: 75 Resp: 65978
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.4 36.6#



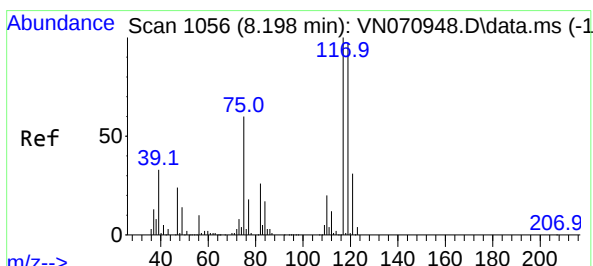
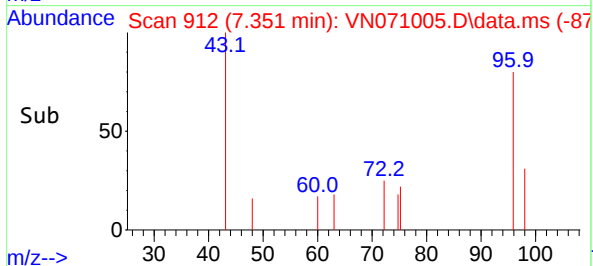
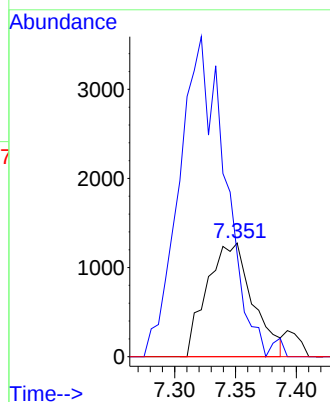


#37
Ethyl Acetate
Concen: 0.230 ug/l
RT: 7.351 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

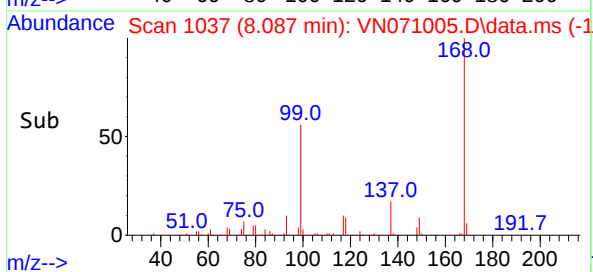
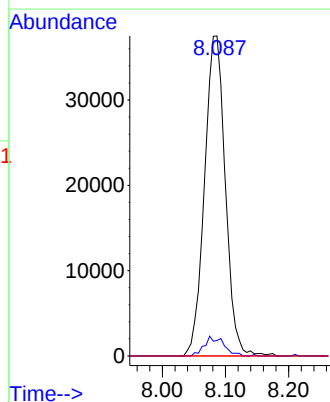
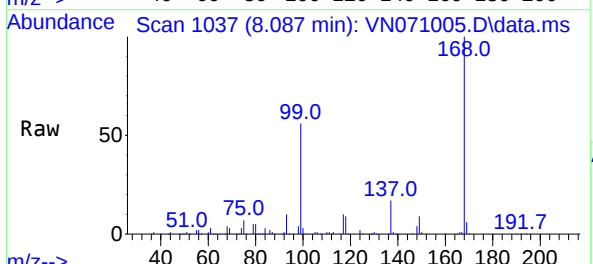


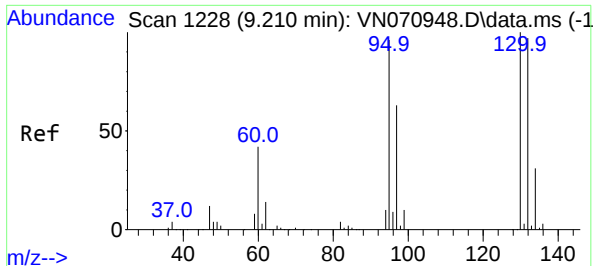
Tgt Ion: 43 Resp: 3321
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.473 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.112 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 117 Resp: 85811
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#

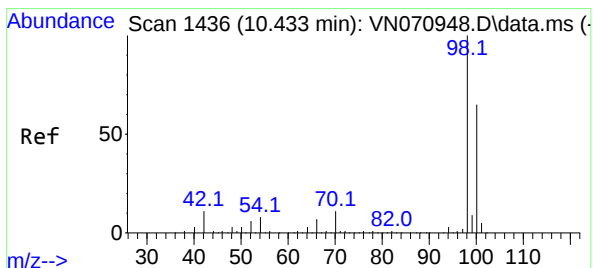
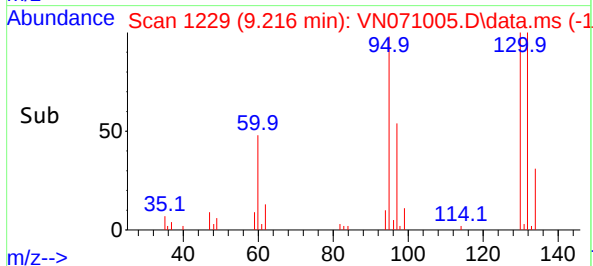
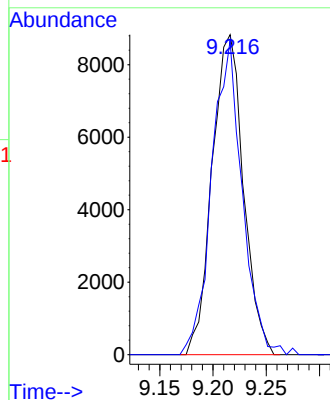
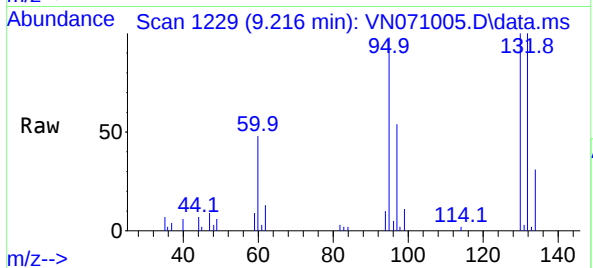




#44
Trichloroethene
Concen: 1.721 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

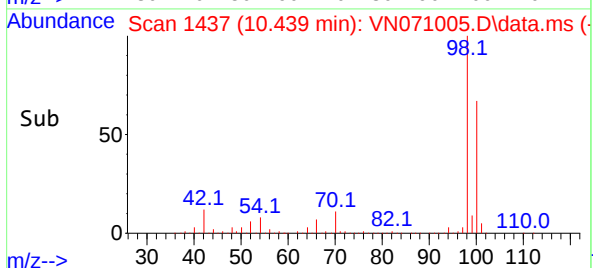
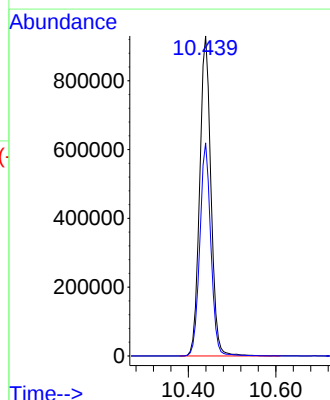
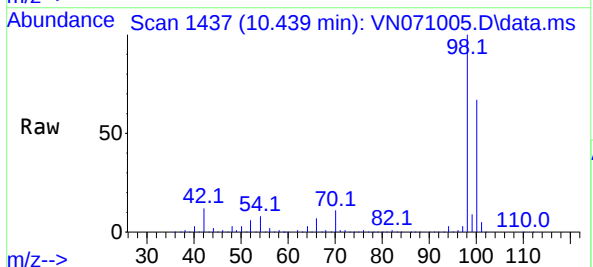
Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

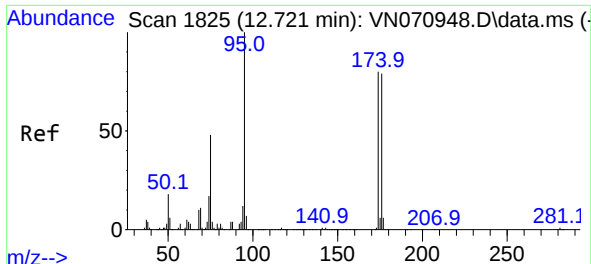
Tgt Ion:130 Resp: 18034
Ion Ratio Lower Upper
130 100
95 98.2 0.0 191.2



#50
Toluene-d8
Concen: 50.554 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 98 Resp: 1667145
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6

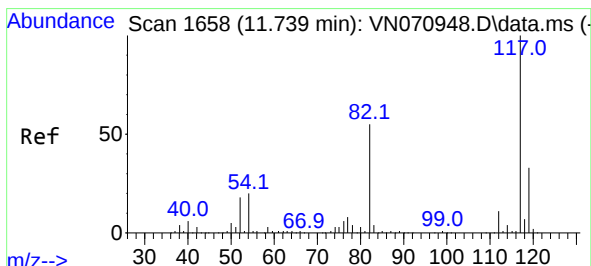
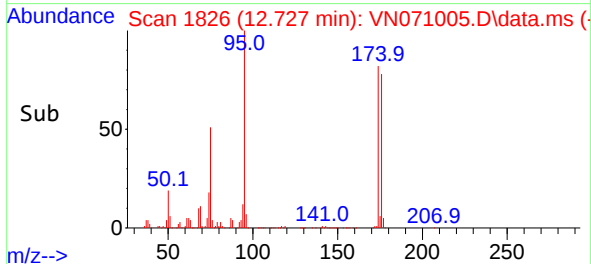
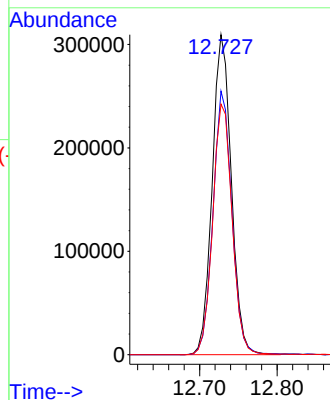
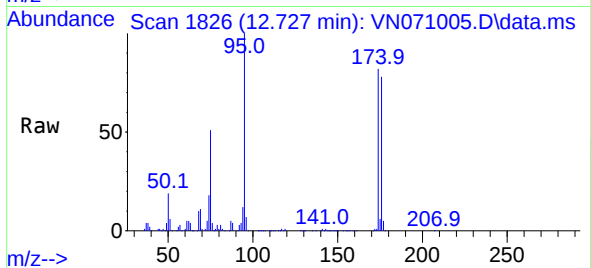




#62
4-Bromofluorobenzene
Concen: 44.933 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

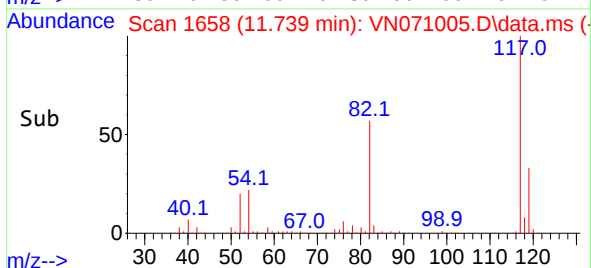
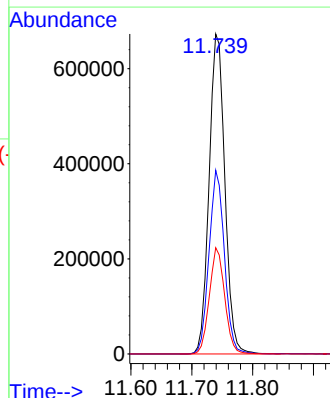
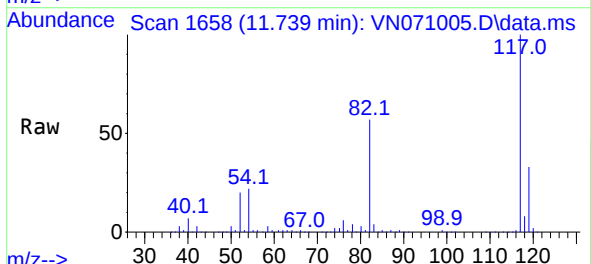
Instrument : MSVOA_N
ClientSampleId : ROOF-DRAIN-20220215

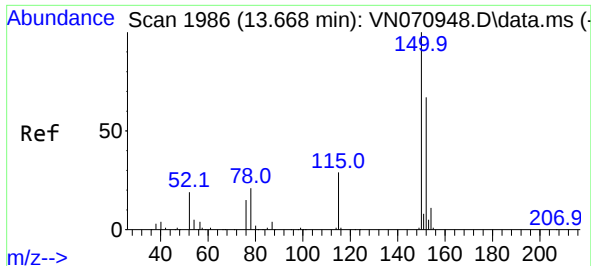
Tgt Ion: 95 Resp: 529655
Ion Ratio Lower Upper
95 100
174 81.7 0.0 187.2
176 80.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 117 Resp: 1211019
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 33.2 25.4 38.2

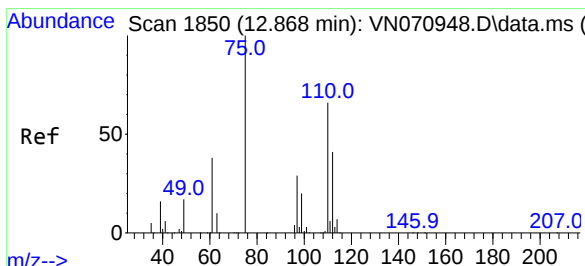
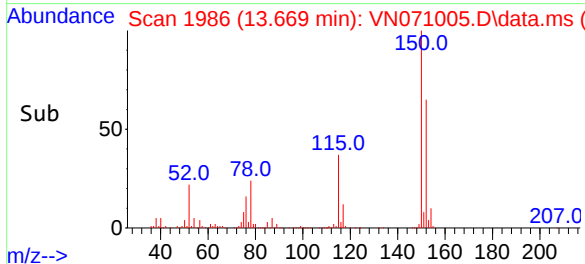
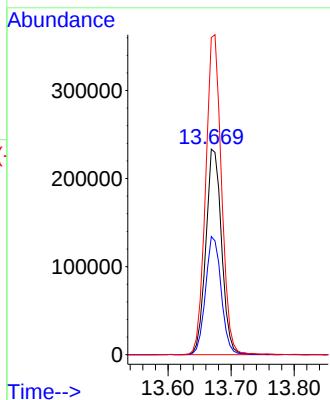
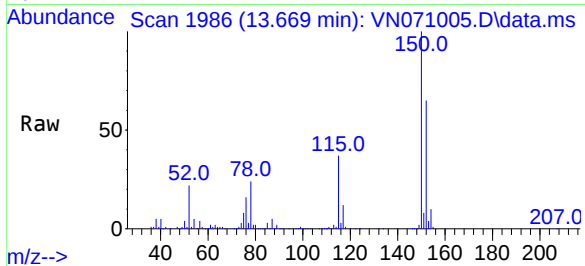




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

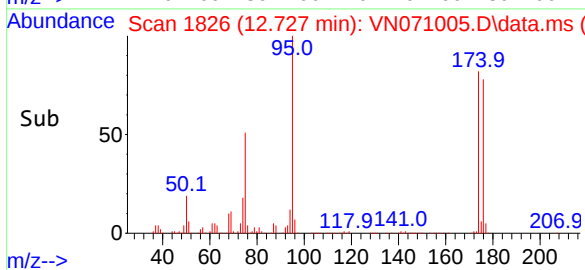
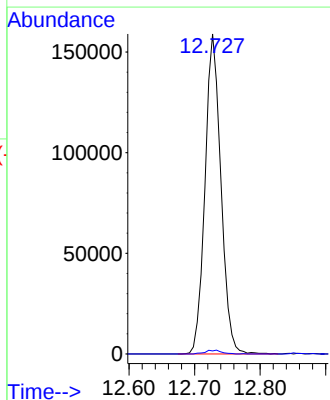
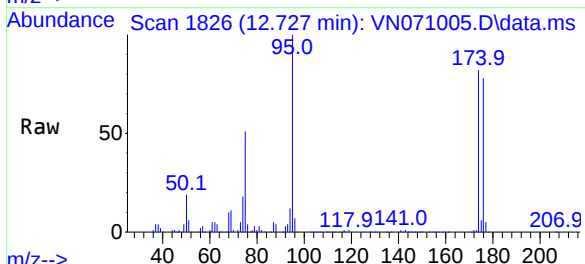
Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

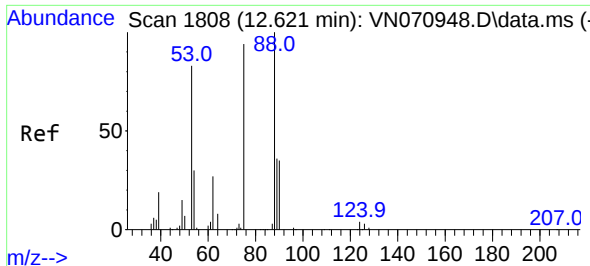
Tgt Ion:152 Resp: 405792
Ion Ratio Lower Upper
152 100
115 57.2 27.5 82.5
150 156.2 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 28.050 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 75 Resp: 268002
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

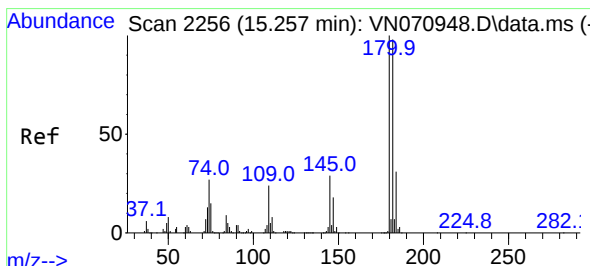
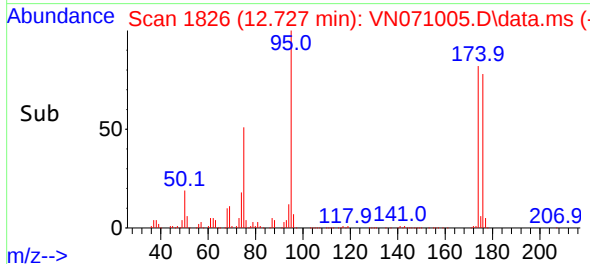
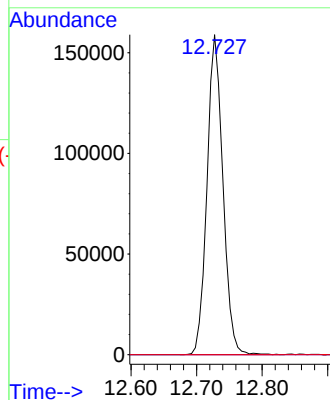
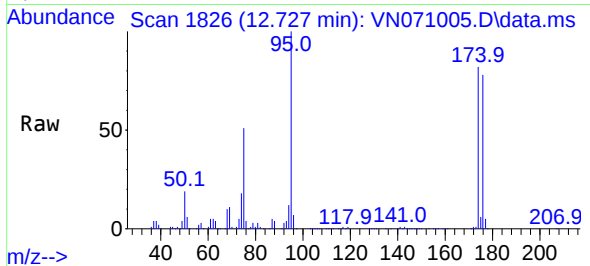




#81
trans-1,4-Dichloro-2-butene
Concen: 90.895 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

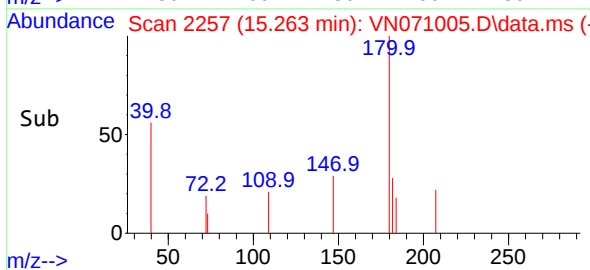
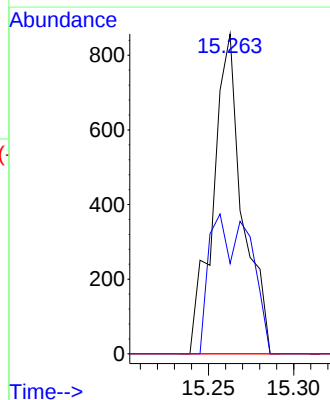
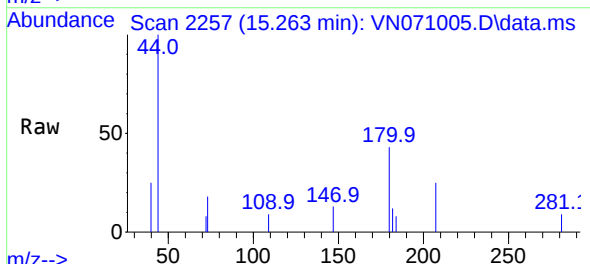
Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

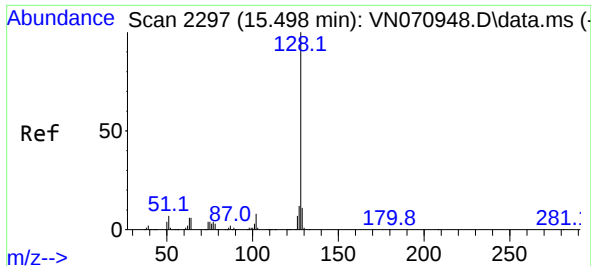
Tgt Ion: 75 Resp: 268002
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.131 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.006 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Tgt Ion: 180 Resp: 1031
Ion Ratio Lower Upper
180 100
182 60.7 48.3 144.9
145 0.0 14.5 43.5#

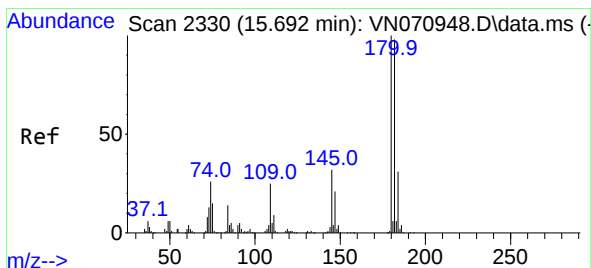
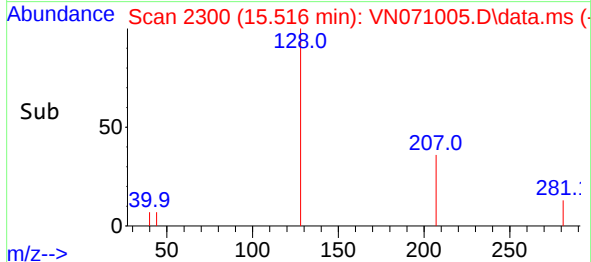
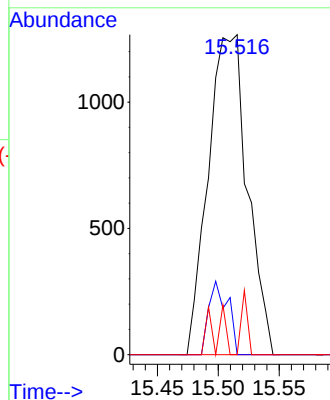
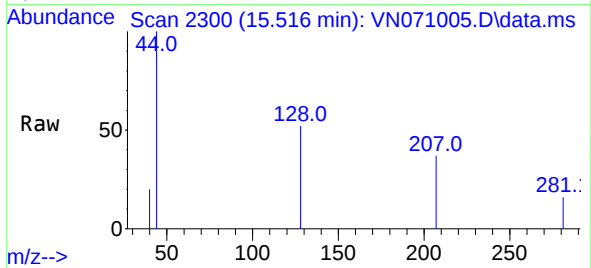




#95
Naphthalene
Concen: 5.131 ug/l
RT: 15.516 min Scan# 21
Delta R.T. 0.018 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Instrument :
MSVOA_N
ClientSampleId :
ROOF-DRAIN-20220215

Tgt Ion:128 Resp: 2842
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 3.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.632 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071005.D
Acq: 18 Feb 2022 17:03

Tgt Ion:180 Resp: 841
Ion Ratio Lower Upper
180 100
182 104.8 47.4 142.2
145 0.0 15.0 45.1#

