

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075180.D
 Acq On : 04 Nov 2022 17:41
 Operator : JC\MD
 Sample : N5482-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FLOOR-DRAIN-WATER

Quant Time: Nov 05 07:01:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

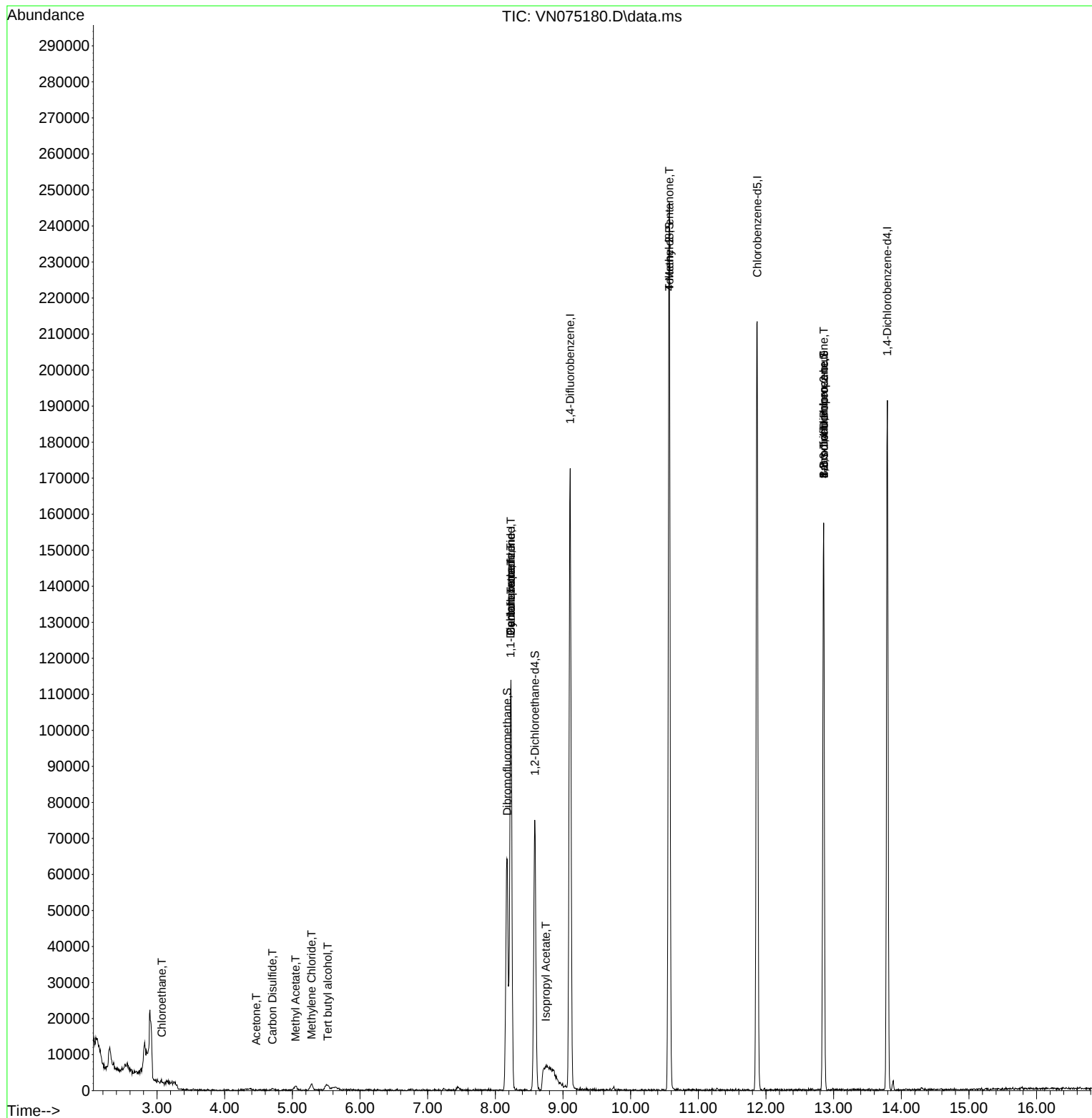
Internal Standards						
1) Pentafluorobenzene	8.230	168	78586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	149030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	125789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	50503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	62020	58.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.140%	
35) Dibromofluoromethane	8.177	113	46728	53.411	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.820%	
50) Toluene-d8	10.571	98	170888	50.346	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.853	95	52561	44.082	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.930	94	190	Below Cal	#	5
6) Chloroethane	3.071	64	505	0.455	ug/l #	45
11) Tert butyl alcohol	5.524	59	1418	5.743	ug/l #	72
16) Acetone	4.465	43	278	0.620	ug/l #	43
17) Carbon Disulfide	4.706	76	1093	0.522	ug/l #	74
18) Methyl Acetate	5.048	43	2583	1.764	ug/l #	85
20) Methylene Chloride	5.283	84	1350	1.350	ug/l #	73
31) Cyclohexane	8.230	56	2173	1.380	ug/l #	59
36) 1,1-Dichloropropene	8.224	75	7425	5.482	ug/l #	48
38) Carbon Tetrachloride	8.230	117	8786	5.897	ug/l #	16
43) Isopropyl Acetate	8.747	43	9834	4.268	ug/l #	53
51) 4-Methyl-2-Pentanone	10.571	43	874	0.588	ug/l #	1
71) Bromoform	12.853	173	575	0.771	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	29249	27.277	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	29249	70.019	ug/l #	10

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

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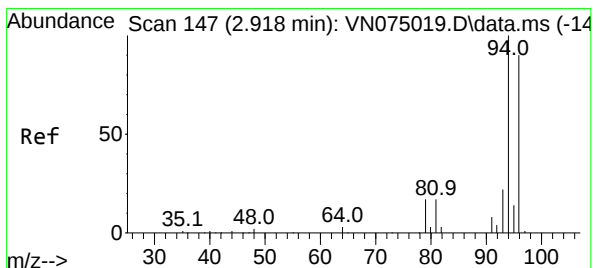
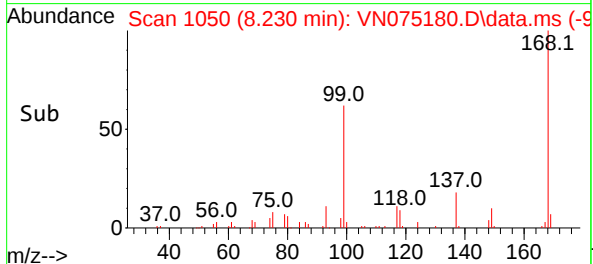
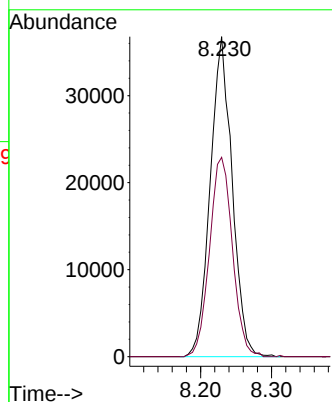
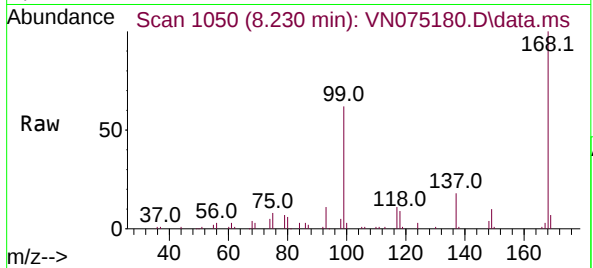




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

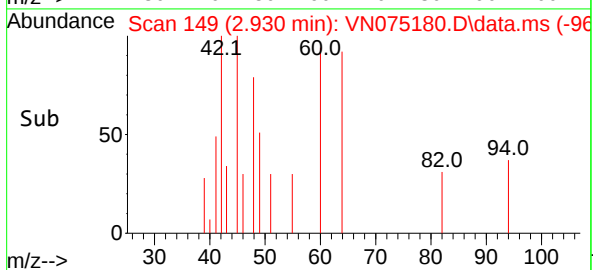
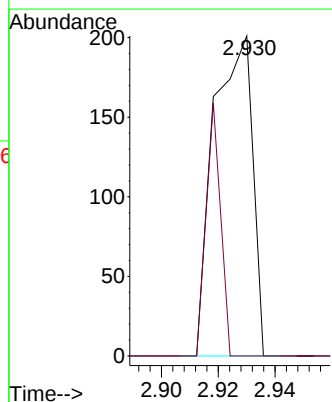
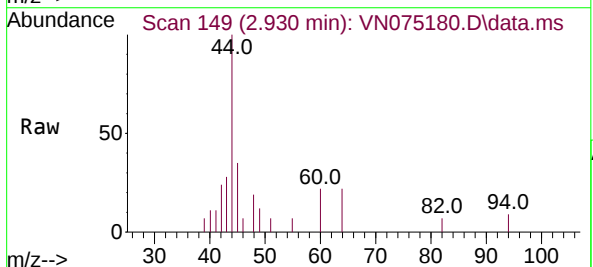
Instrument :
MSVOA_N
ClientSampleId :
FLOOR-DRAIN-WATER

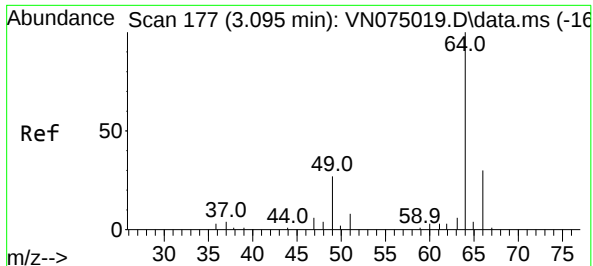
Tgt Ion:168 Resp: 78586
Ion Ratio Lower Upper
168 100
99 62.3 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.930 min Scan# 149
Delta R.T. 0.012 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

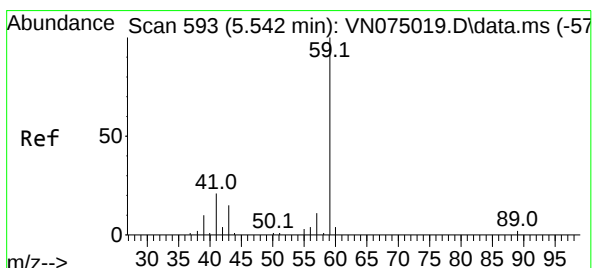
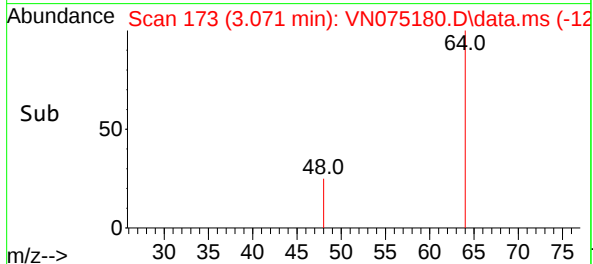
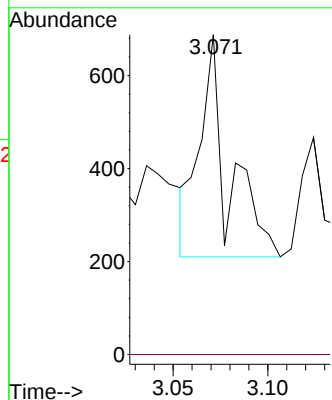
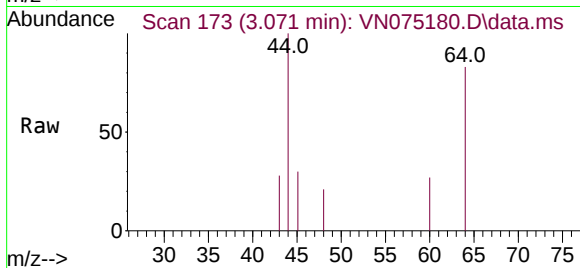




#6
Chloroethane
Concen: 0.455 ug/l
RT: 3.071 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

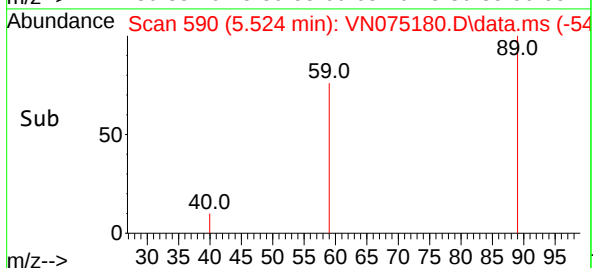
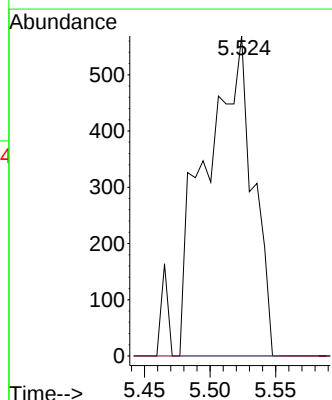
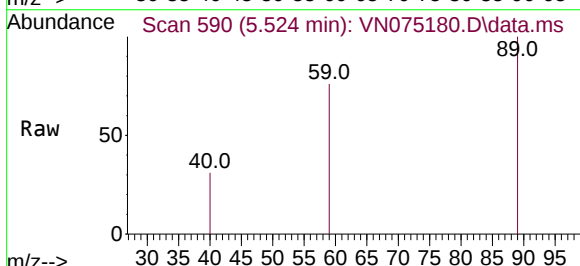
Instrument :
MSVOA_N
ClientSampleId :
FLOOR-DRAIN-WATER

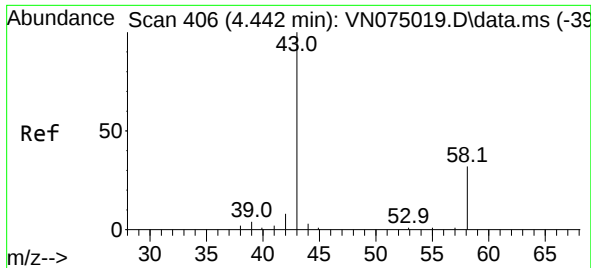
Tgt Ion: 64 Resp: 505
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 5.743 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.018 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

Tgt Ion: 59 Resp: 1418
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

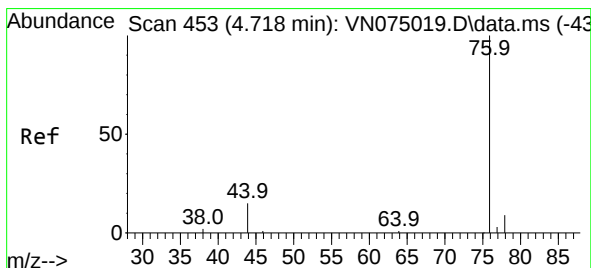
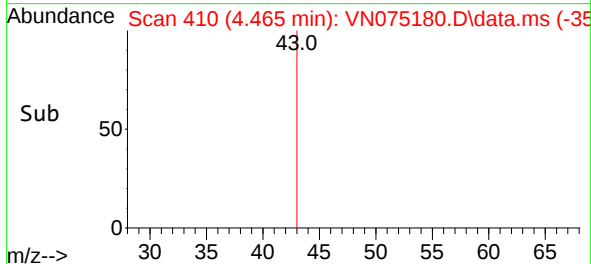
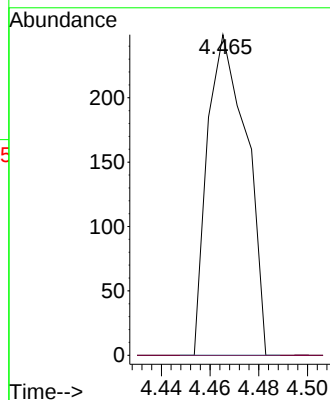
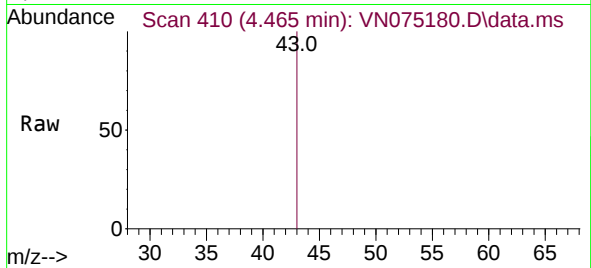




#16
Acetone
Concen: 0.620 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

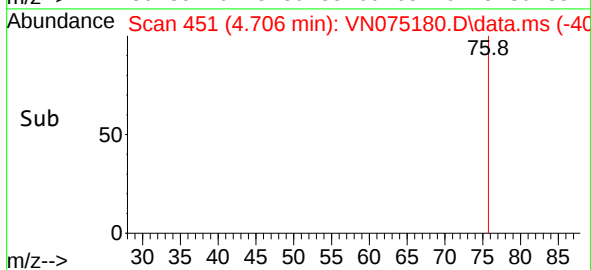
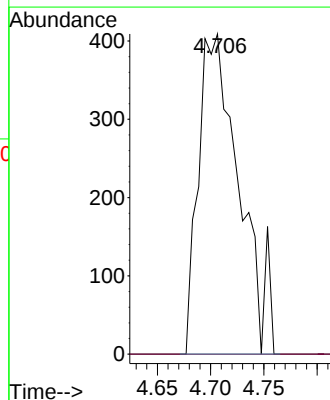
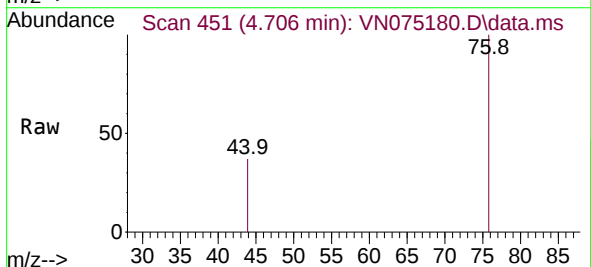
Instrument :
MSVOA_N
ClientSampleId :
FLOOR-DRAIN-WATER

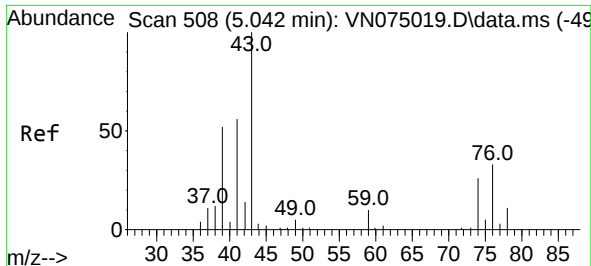
Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#17
Carbon Disulfide
Concen: 0.522 ug/l
RT: 4.706 min Scan# 451
Delta R.T. -0.012 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

Tgt Ion: 76 Resp: 1093
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#

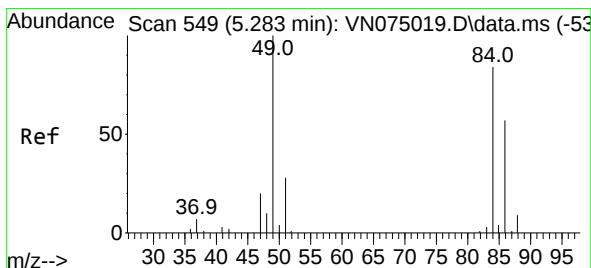
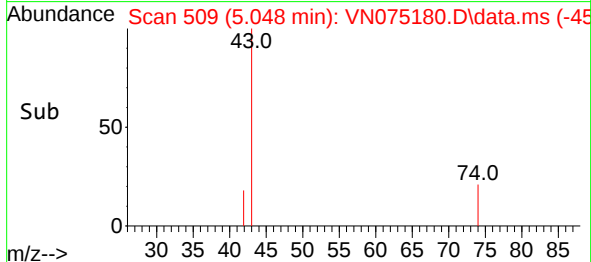
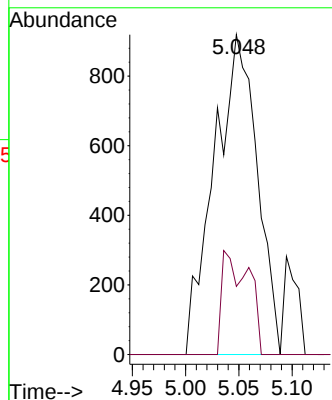
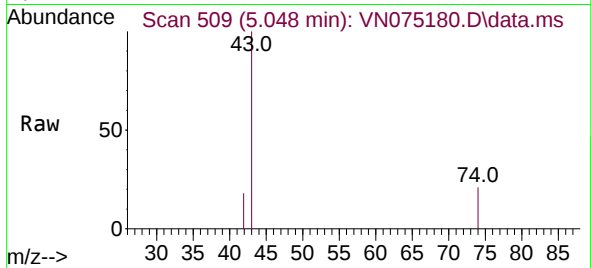




#18
Methyl Acetate
Concen: 1.764 ug/l
RT: 5.048 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

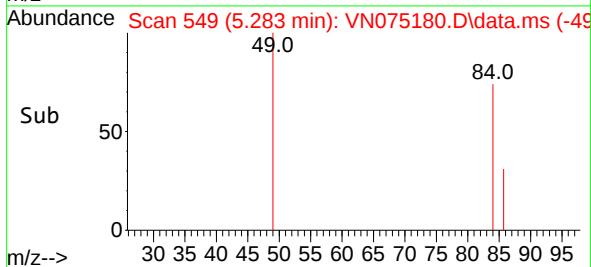
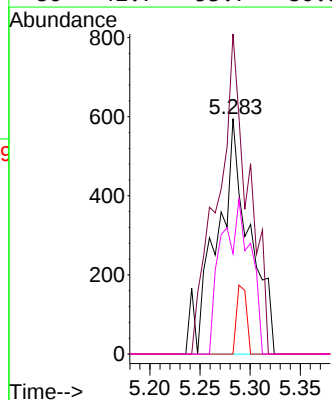
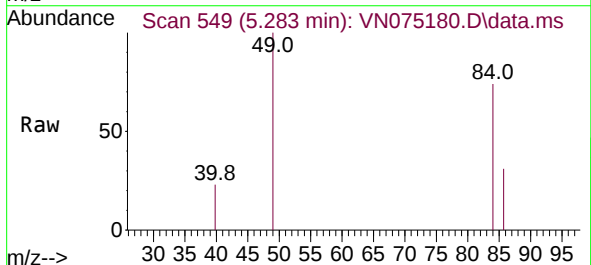
Instrument :
MSVOA_N
ClientSampleId :
FLOOR-DRAIN-WATER

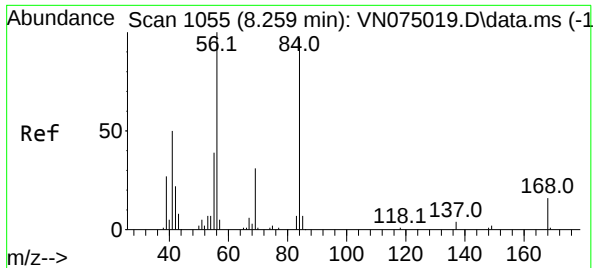
Tgt Ion: 43 Resp: 2583
Ion Ratio Lower Upper
43 100
74 19.9 22.0 33.0#



#20
Methylene Chloride
Concen: 1.350 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

Tgt Ion: 84 Resp: 1350
Ion Ratio Lower Upper
84 100
49 136.0 94.9 142.3
51 0.0 26.8 40.2#
86 42.7 53.7 80.5#

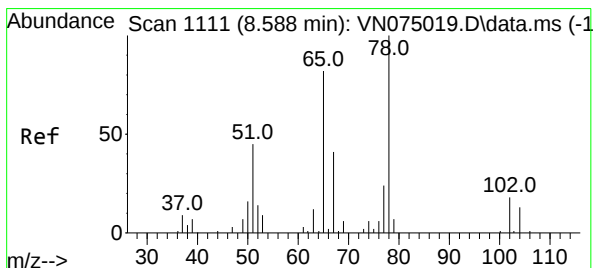
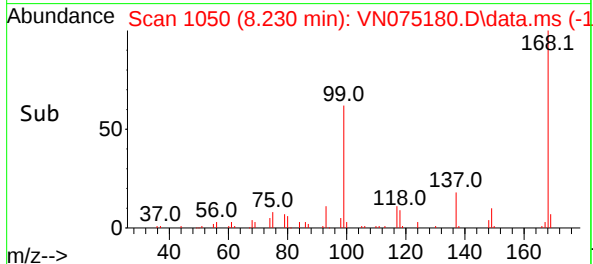
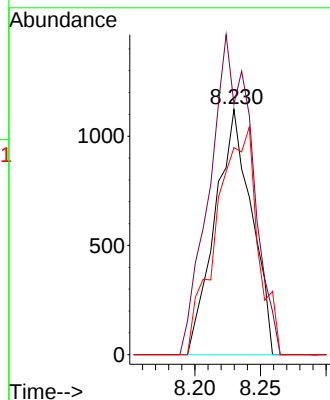
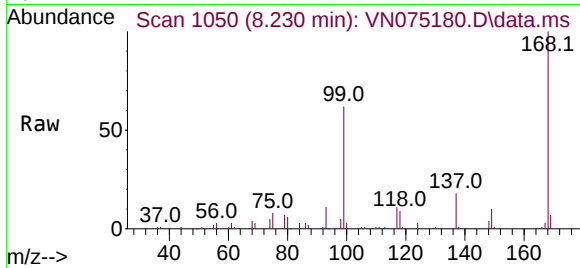




#31
Cyclohexane
Concen: 1.380 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.029 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

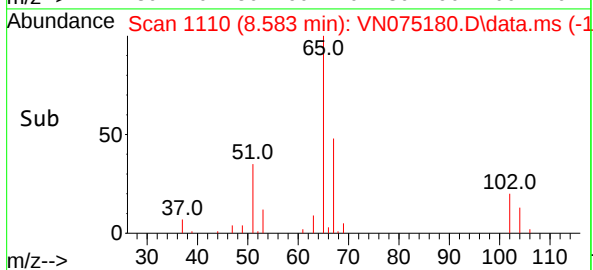
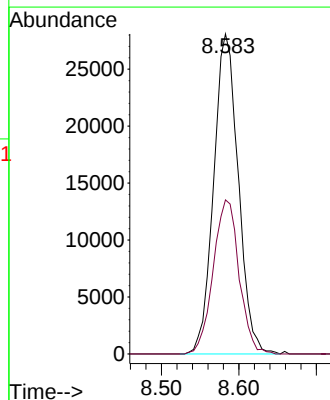
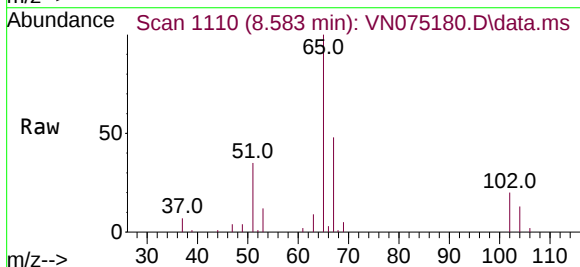
Instrument :
MSVOA_N
ClientSampleId :
FLOOR-DRAIN-WATER

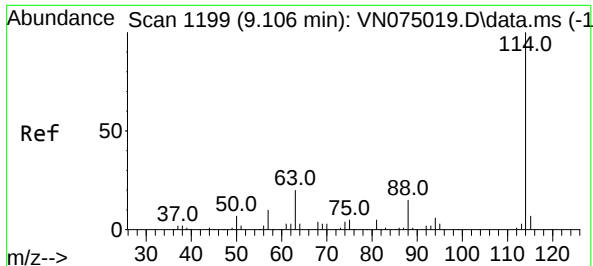
Tgt Ion: 56 Resp: 2173
Ion Ratio Lower Upper
56 100
69 102.1 25.2 37.8#
84 84.4 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 58.573 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

Tgt Ion: 65 Resp: 62020
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075180.D

Acq: 04 Nov 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

FLOOR-DRAIN-WATER

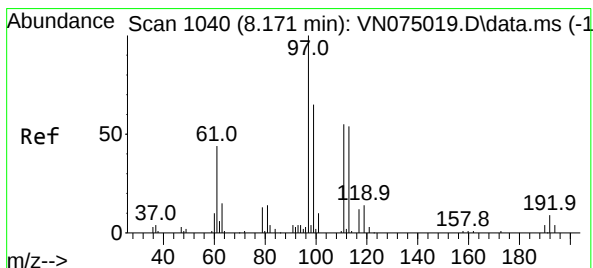
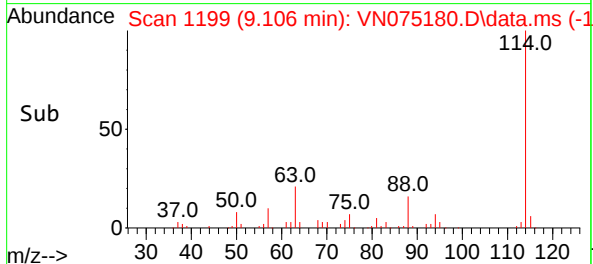
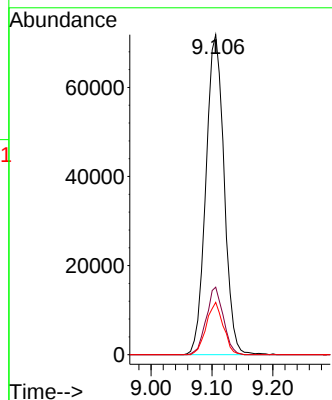
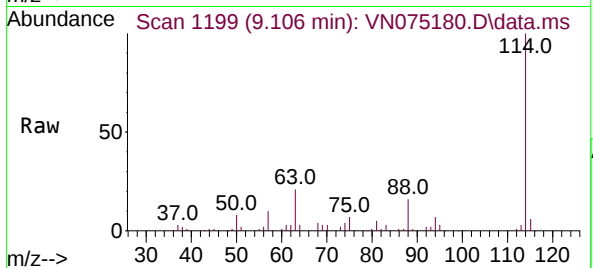
Tgt Ion:114 Resp: 149030

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.6

88 16.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.411 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075180.D

Acq: 04 Nov 2022 17:41

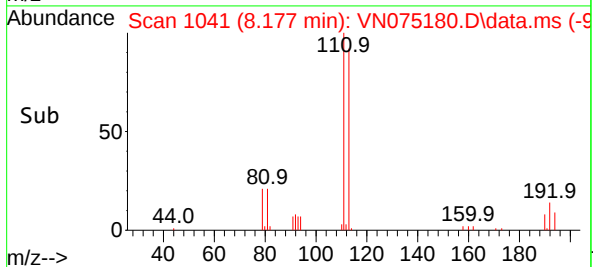
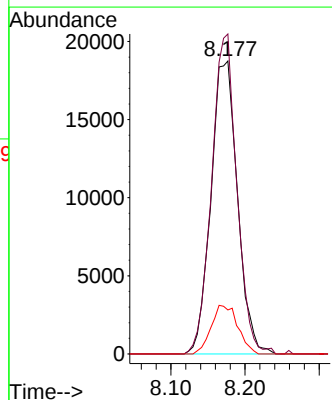
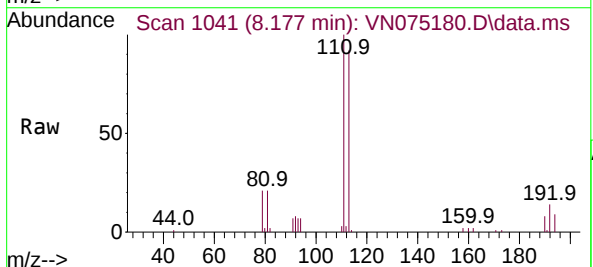
Tgt Ion:113 Resp: 46728

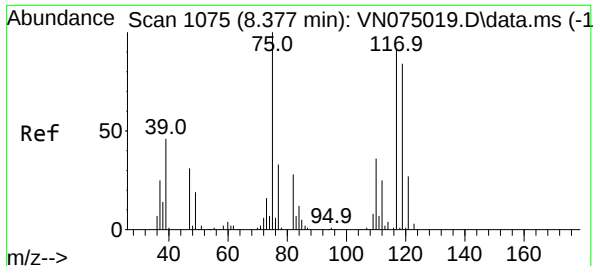
Ion Ratio Lower Upper

113 100

111 103.4 80.5 120.7

192 16.6 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.482 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075180.D

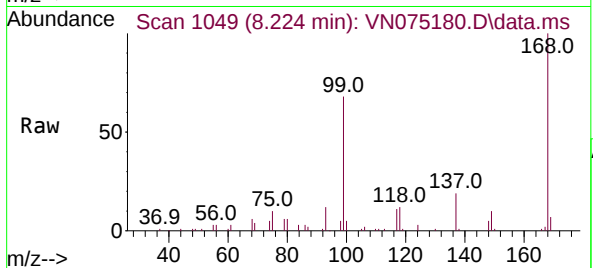
Acq: 04 Nov 2022 17:41

Instrument :

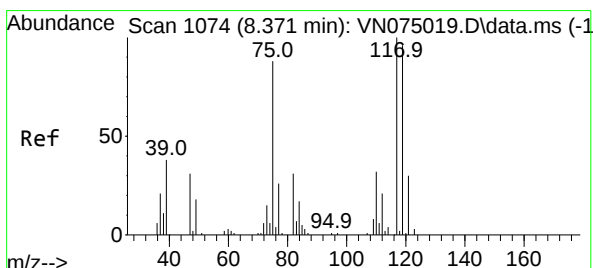
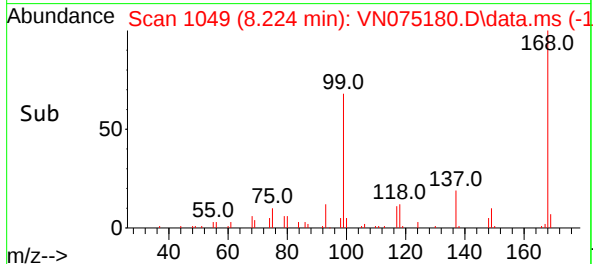
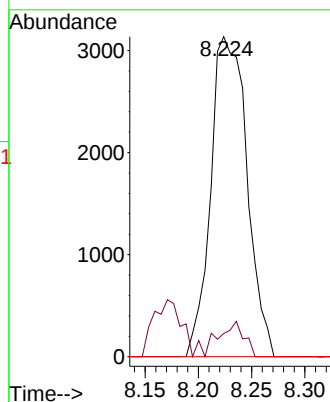
MSVOA_N

ClientSampleId :

FLOOR-DRAIN-WATER



Tgt Ion: 75	Resp: 7425
Ion Ratio	Lower Upper
75	100
110	7.6 17.8 53.3#
77	0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.897 ug/l

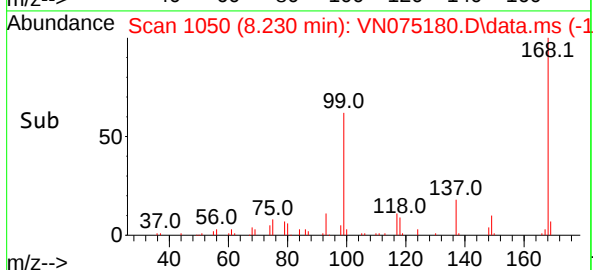
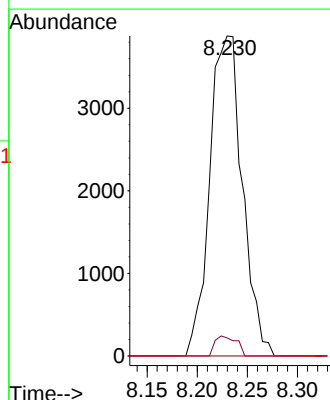
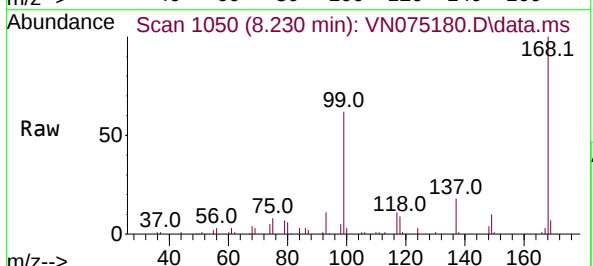
RT: 8.230 min Scan# 1050

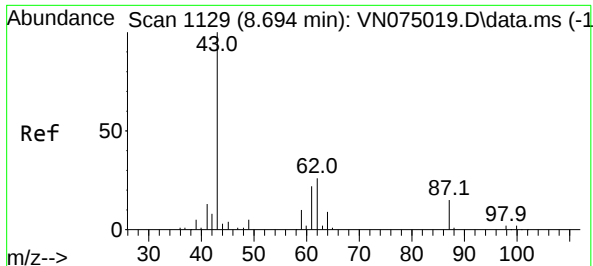
Delta R.T. -0.141 min

Lab File: VN075180.D

Acq: 04 Nov 2022 17:41

Tgt Ion: 117	Resp: 8786
Ion Ratio	Lower Upper
117	100
119	5.7 76.7 115.1#
121	0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 4.268 ug/l

RT: 8.747 min Scan# 1129

Delta R.T. 0.053 min

Lab File: VN075180.D

Acq: 04 Nov 2022 17:41

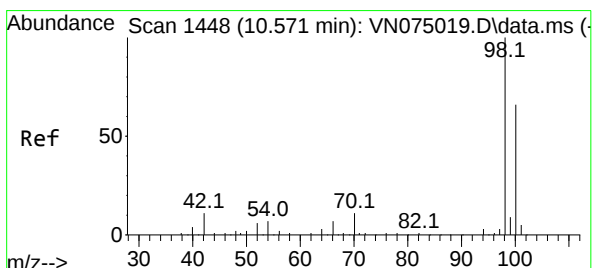
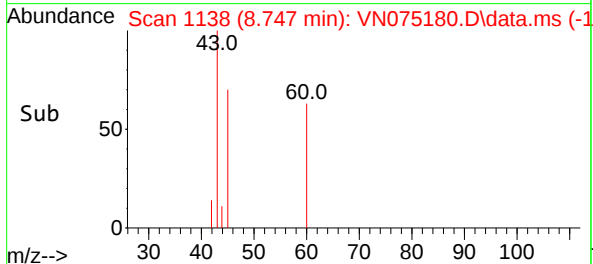
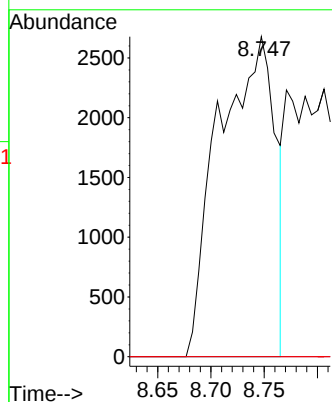
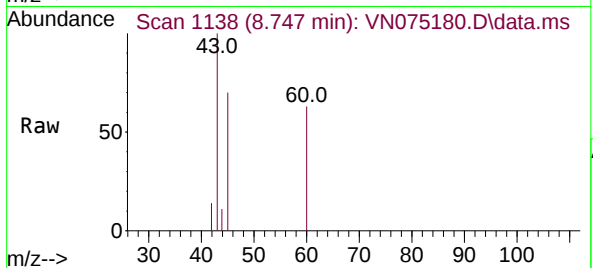
Instrument :

MSVOA_N

ClientSampleId :

FLOOR-DRAIN-WATER

Tgt Ion: 43	Resp: 9834
Ion Ratio	Lower Upper
43	100
61	0.0 22.4 33.6#
87	0.0 12.5 18.7#



#50

Toluene-d8

Concen: 50.346 ug/l

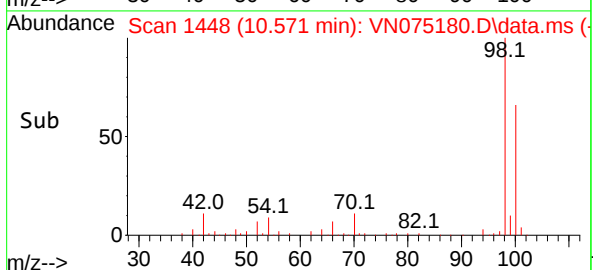
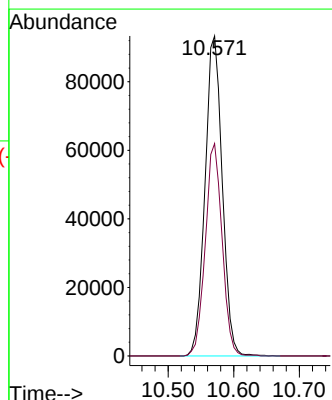
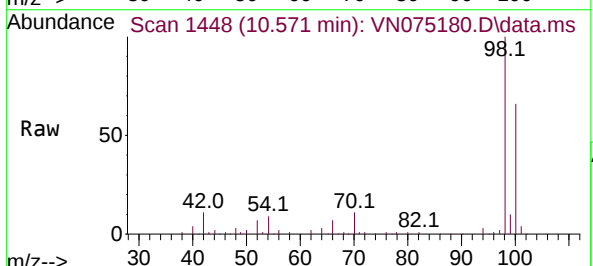
RT: 10.571 min Scan# 1448

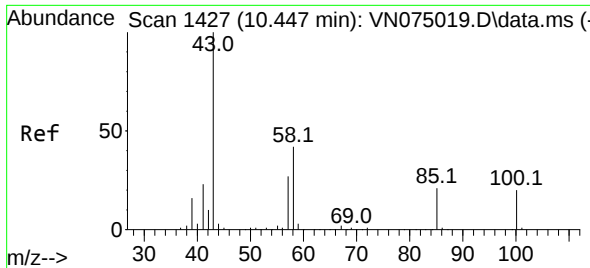
Delta R.T. -0.000 min

Lab File: VN075180.D

Acq: 04 Nov 2022 17:41

Tgt Ion: 98	Resp: 170888
Ion Ratio	Lower Upper
98	100
100	64.7 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.588 ug/l

RT: 10.571 min Scan# 1427

Delta R.T. 0.124 min

Lab File: VN075180.D

Acq: 04 Nov 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

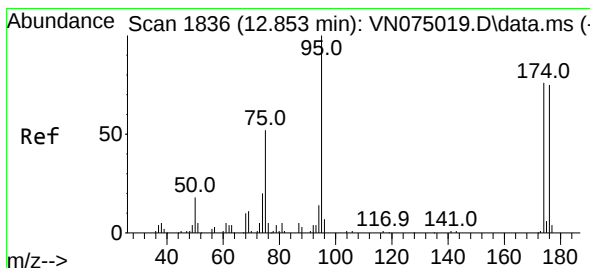
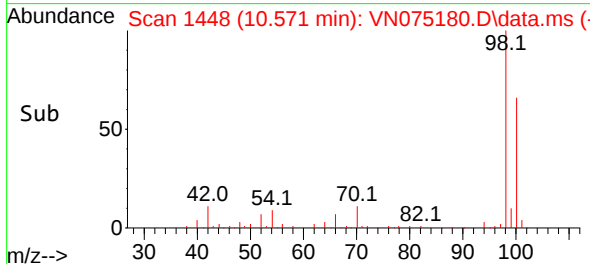
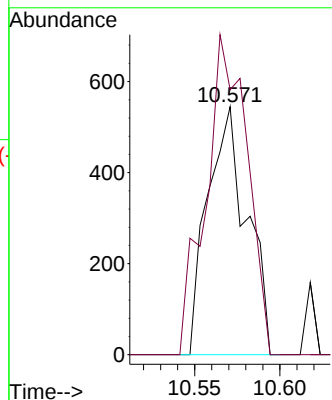
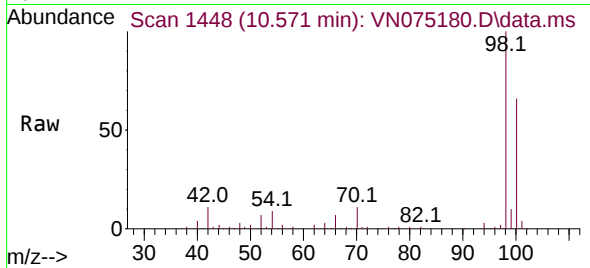
FLOOR-DRAIN-WATER

Tgt Ion: 43 Resp: 874

Ion Ratio Lower Upper

43 100

58 135.2 33.6 50.4#



#62

4-Bromofluorobenzene

Concen: 44.082 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075180.D

Acq: 04 Nov 2022 17:41

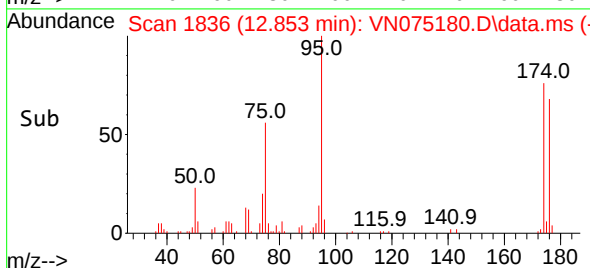
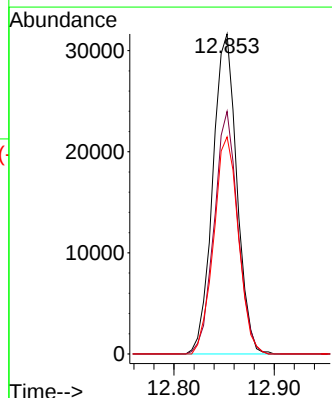
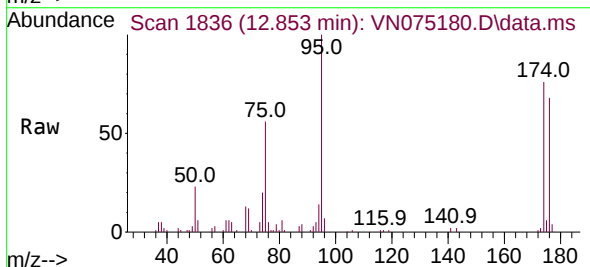
Tgt Ion: 95 Resp: 52561

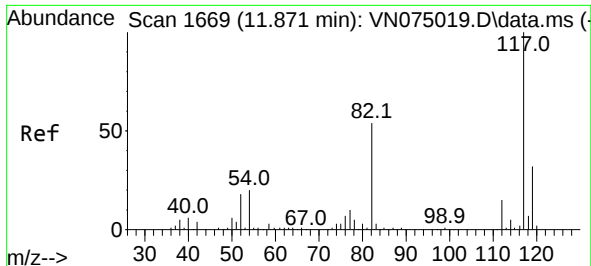
Ion Ratio Lower Upper

95 100

174 74.6 0.0 147.4

176 69.6 0.0 142.2

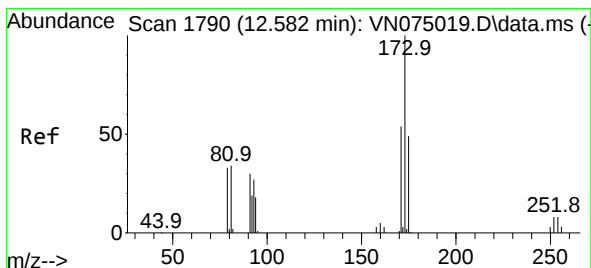
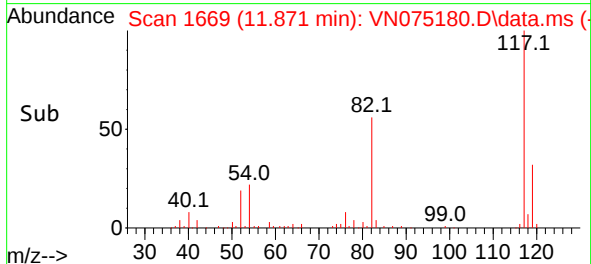
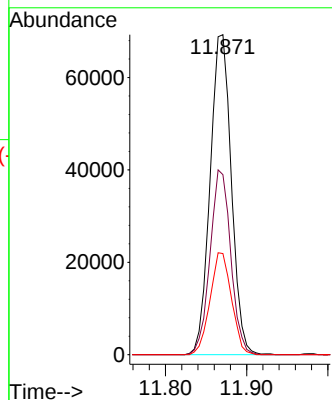
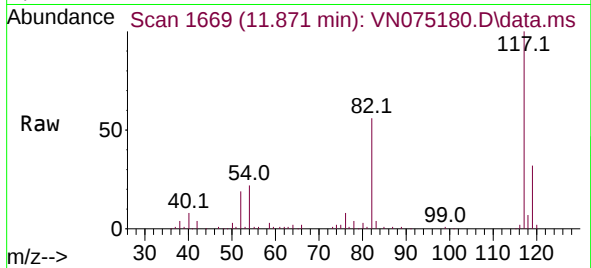




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

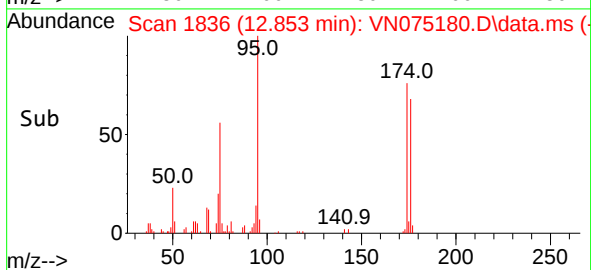
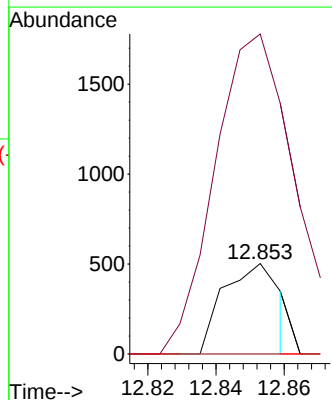
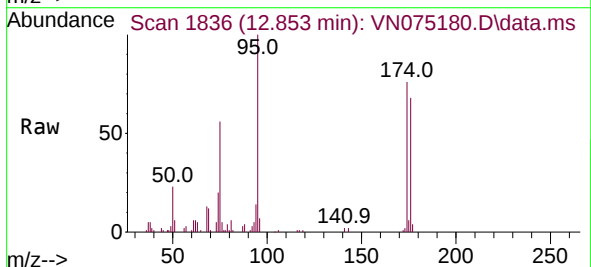
Instrument :
MSVOA_N
ClientSampleId :
FLOOR-DRAIN-WATER

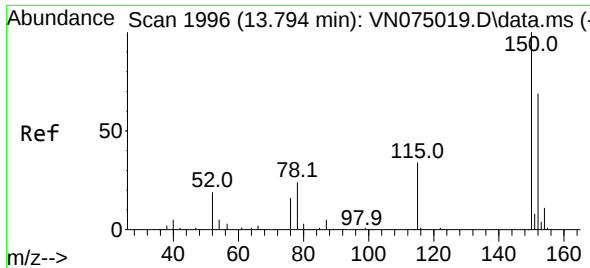
Tgt Ion:117 Resp: 125789
Ion Ratio Lower Upper
117 100
82 56.3 43.1 64.7
119 31.6 25.5 38.3



#71
Bromoform
Concen: 0.771 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075180.D
Acq: 04 Nov 2022 17:41

Tgt Ion:173 Resp: 575
Ion Ratio Lower Upper
173 100
175 417.6 24.6 74.0#
254 0.0 0.0 0.0

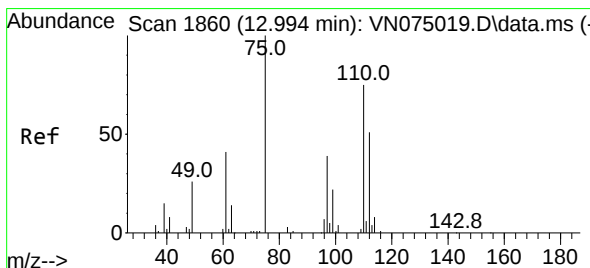
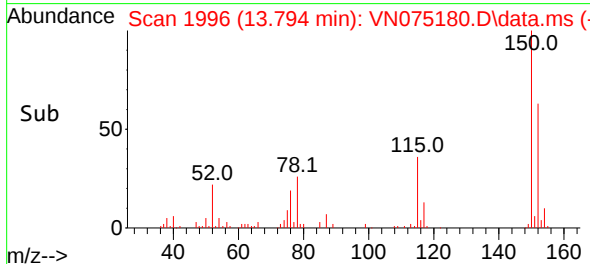
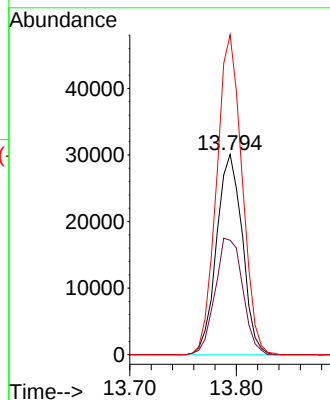
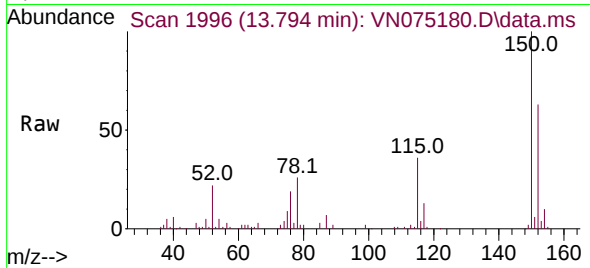




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075180.D
 Acq: 04 Nov 2022 17:41

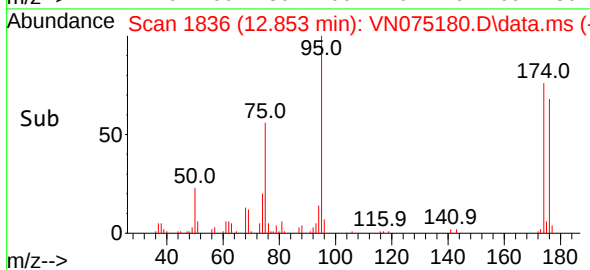
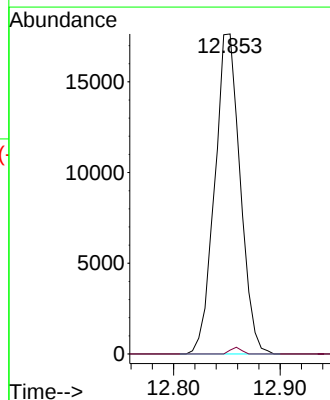
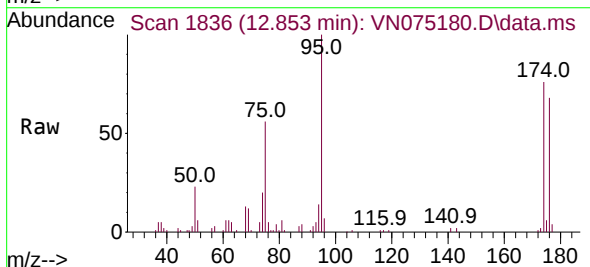
Instrument :
 MSVOA_N
 ClientSampleId :
 FLOOR-DRAIN-WATER

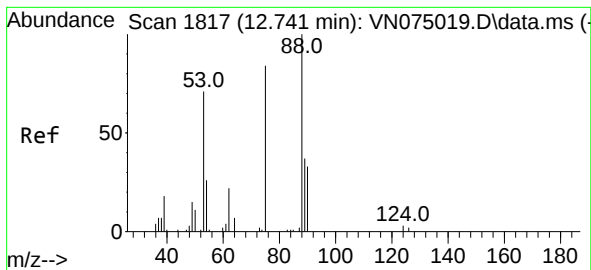
Tgt Ion:152 Resp: 50503
 Ion Ratio Lower Upper
 152 100
 115 62.1 30.2 90.6
 150 157.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 27.277 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075180.D
 Acq: 04 Nov 2022 17:41

Tgt Ion: 75 Resp: 29249
 Ion Ratio Lower Upper
 75 100
 77 0.9 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.019 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN075180.D
 Acq: 04 Nov 2022 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 FLOOR-DRAIN-WATER

Tgt Ion: 75 Resp: 29249
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

