

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077701.D
 Acq On : 16 May 2023 18:38
 Operator : JC\MD
 Sample : 02798-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WATERWITCH-AVE-SAMPLE

Quant Time: May 17 04:08:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

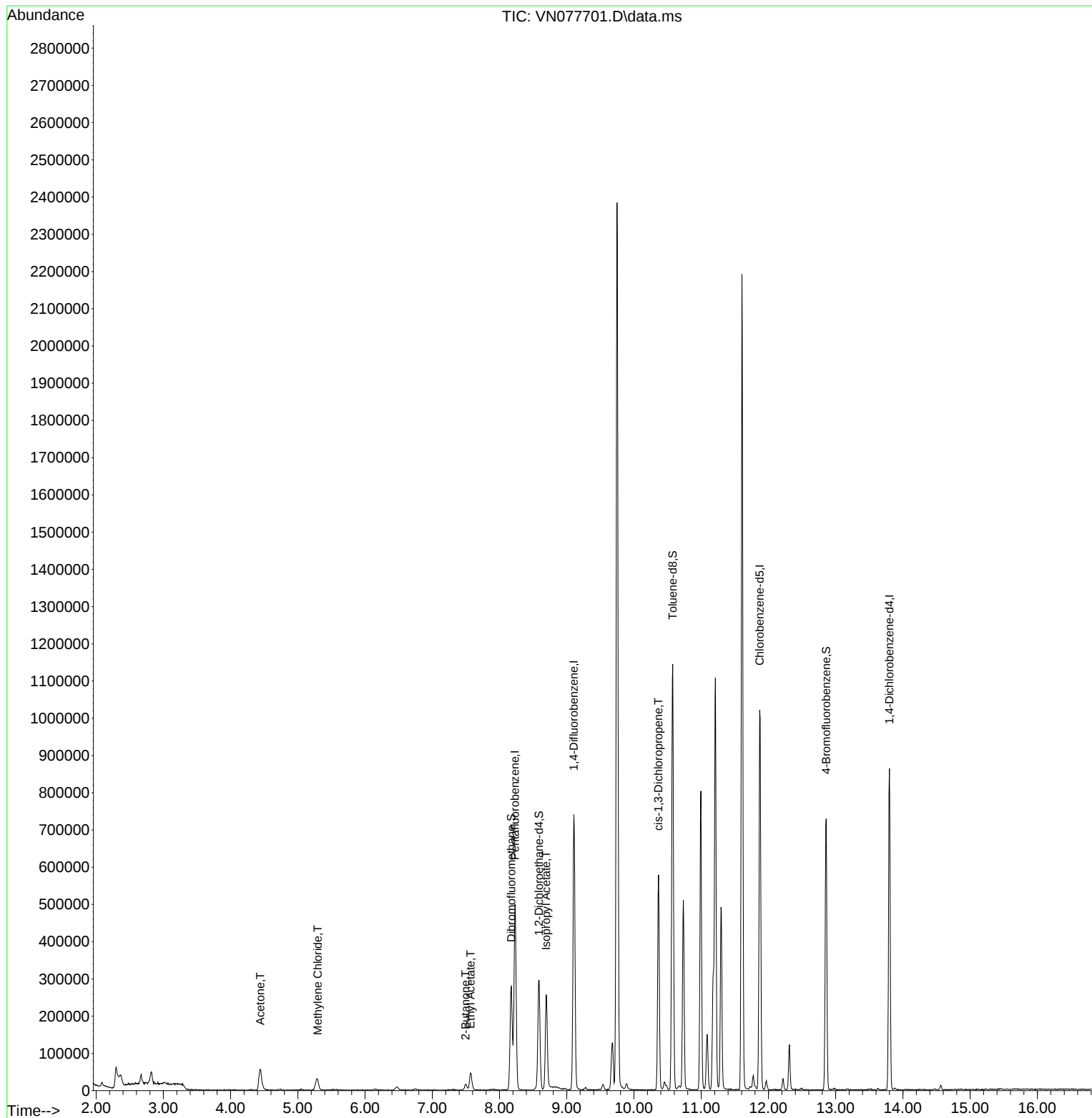
Internal Standards						
1) Pentafluorobenzene	8.230	168	347779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	592765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	227974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	249711	47.988	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.980%
35) Dibromofluoromethane	8.177	113	205489	48.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	10.577	98	812124	49.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.859	95	267111	46.460	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.920%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	104731	63.972	ug/l	93
20) Methylene Chloride	5.295	84	25643	4.208	ug/l #	88
25) 2-Butanone	7.494	43	25558	9.980	ug/l #	80
37) Ethyl Acetate	7.571	43	70478	12.783	ug/l	96
43) Isopropyl Acetate	8.694	43	287231	31.894	ug/l #	84
54) cis-1,3-Dichloropropene	10.365	75	107788	14.480	ug/l #	67

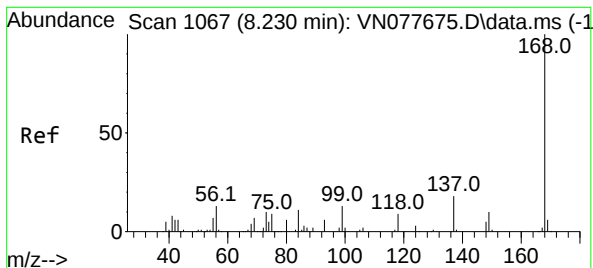
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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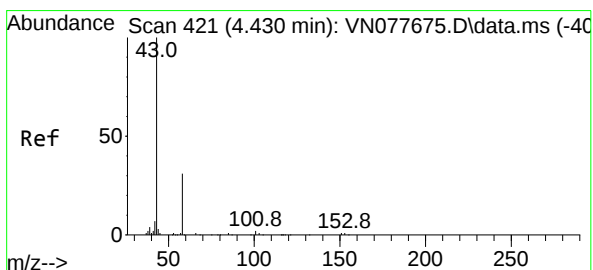
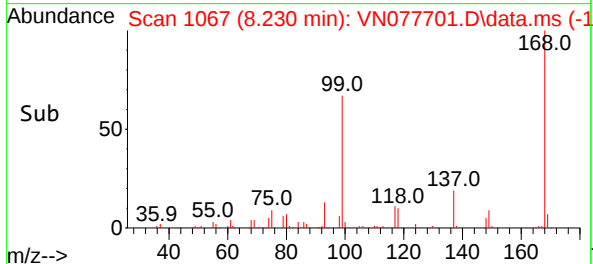
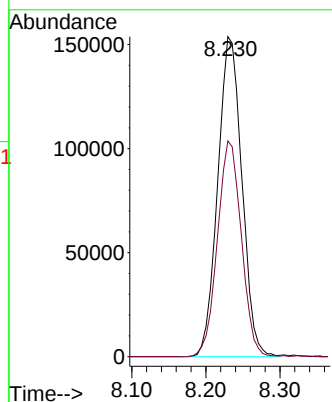
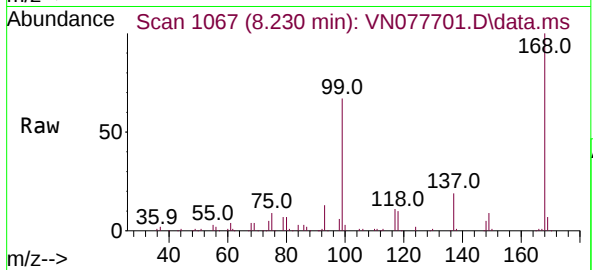




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077701.D
Acq: 16 May 2023 18:38

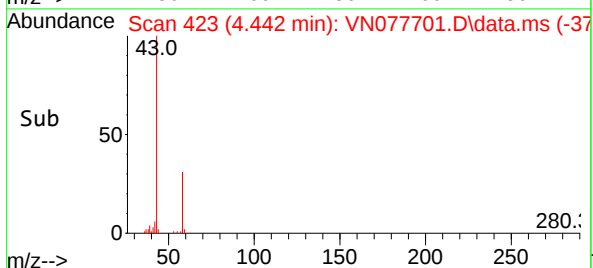
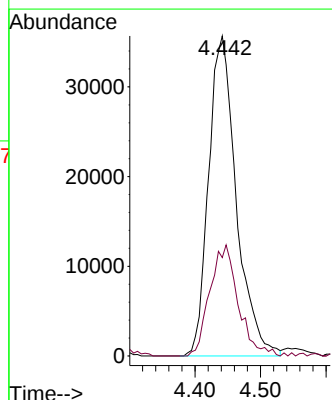
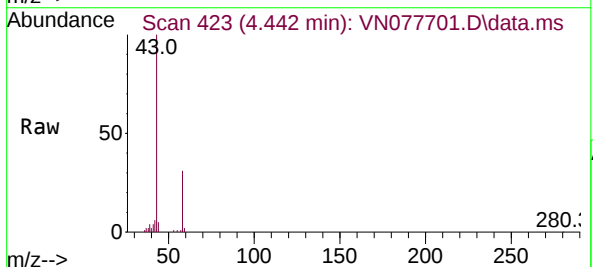
Instrument :
MSVOA_N
ClientSampleId :
WATERWITCH-AVE-SAMPLE

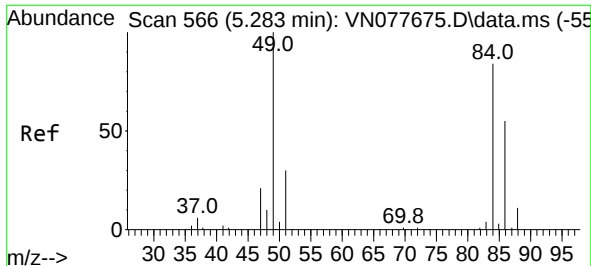
Tgt Ion:168 Resp: 347779
Ion Ratio Lower Upper
168 100
99 67.4 53.0 79.6



#16
Acetone
Concen: 63.972 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077701.D
Acq: 16 May 2023 18:38

Tgt Ion: 43 Resp: 104731
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0

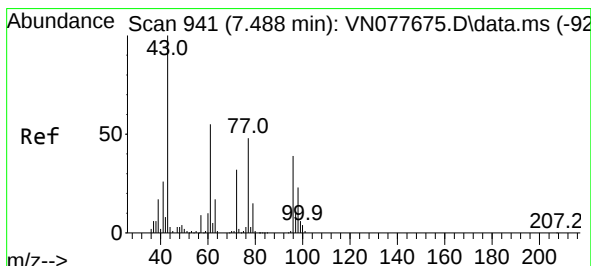
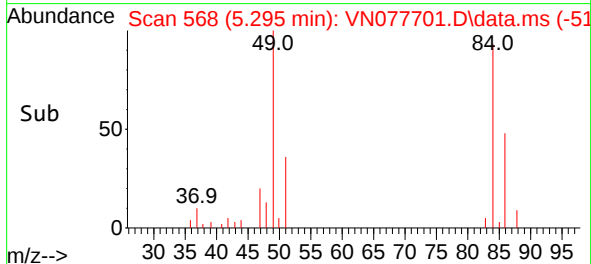
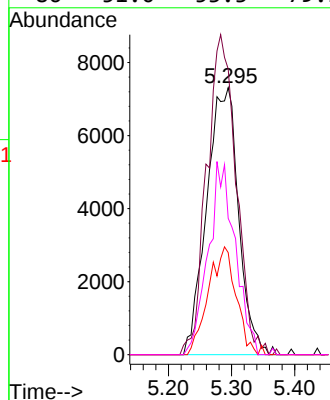
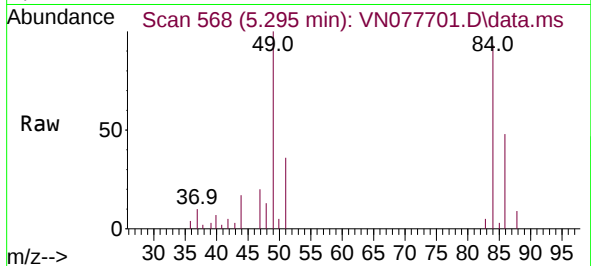




#20
Methylene Chloride
Concen: 4.208 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077701.D
Acq: 16 May 2023 18:38

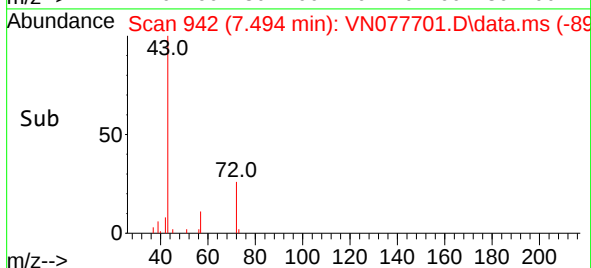
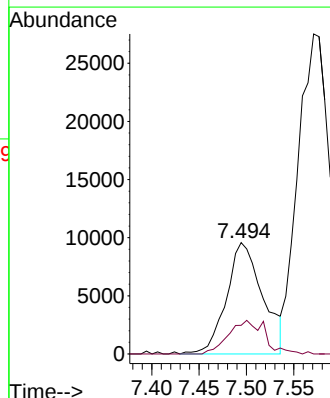
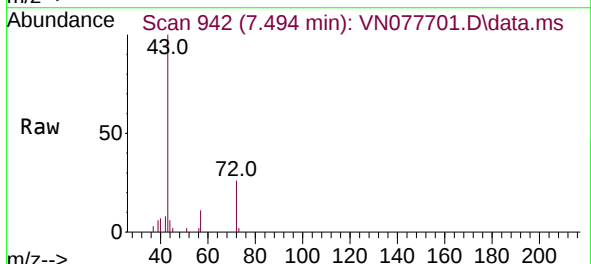
Instrument :
MSVOA_N
ClientSampleId :
WATERWITCH-AVE-SAMPLE

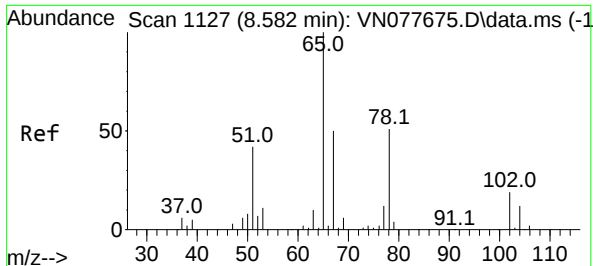
Tgt Ion:	84	Resp:	25643
Ion	Ratio	Lower	Upper
84	100		
49	107.0	79.7	119.5
51	38.2	25.2	37.8#
86	51.0	53.3	79.9#



#25
2-Butanone
Concen: 9.980 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077701.D
Acq: 16 May 2023 18:38

Tgt Ion:	43	Resp:	25558
Ion	Ratio	Lower	Upper
43	100		
72	25.7	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 47.988 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077701.D

Acq: 16 May 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

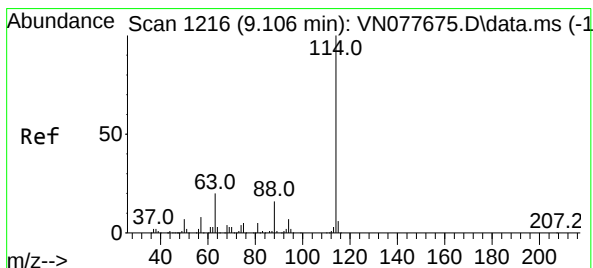
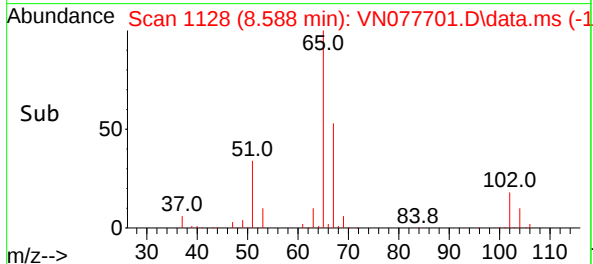
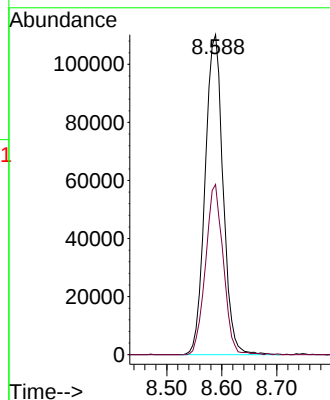
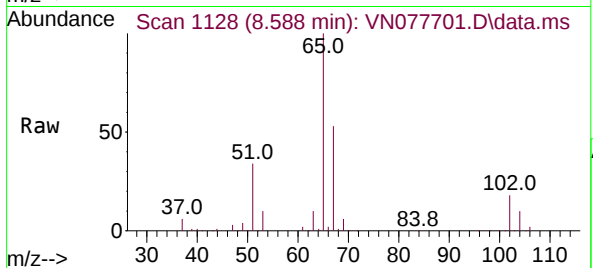
WATERWITCH-AVE-SAMPLE

Tgt Ion: 65 Resp: 249711

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077701.D

Acq: 16 May 2023 18:38

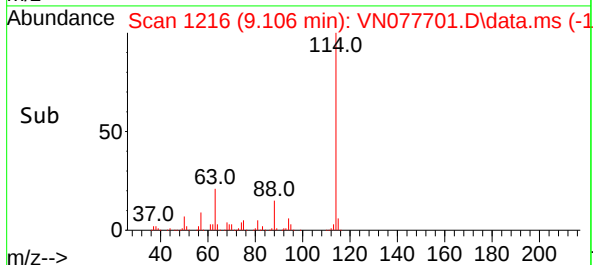
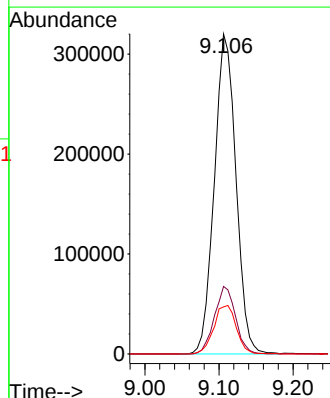
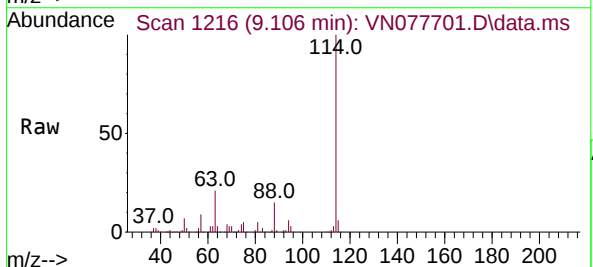
Tgt Ion: 114 Resp: 648562

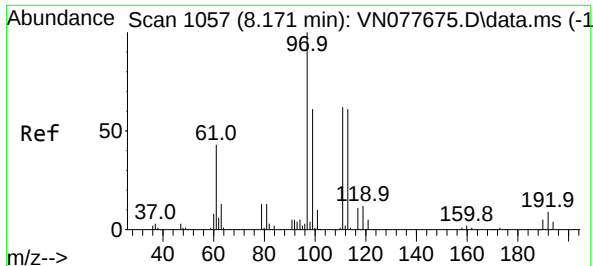
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.588 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077701.D

Acq: 16 May 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

WATERWITCH-AVE-SAMPLE

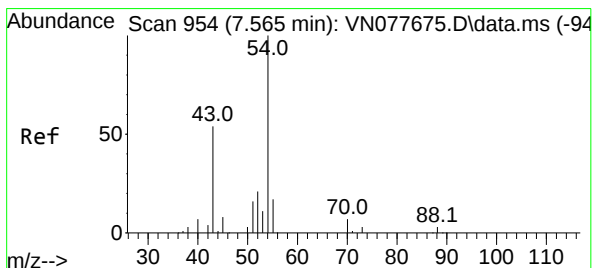
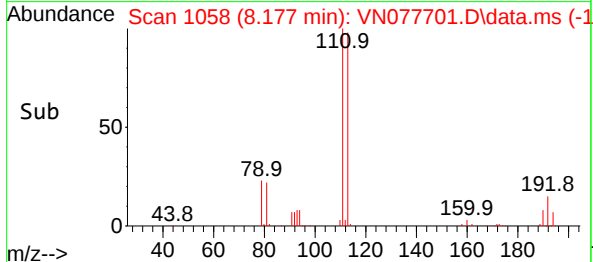
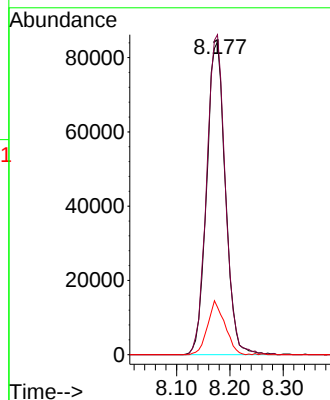
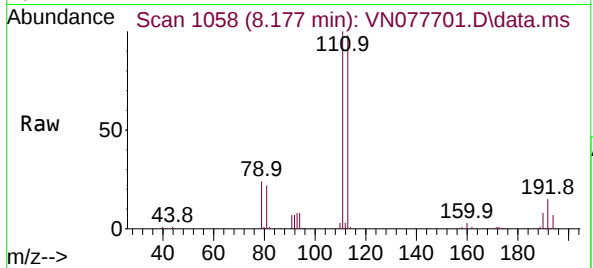
Tgt Ion:113 Resp: 205489

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 16.0 12.7 19.1



#37

Ethyl Acetate

Concen: 12.783 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN077701.D

Acq: 16 May 2023 18:38

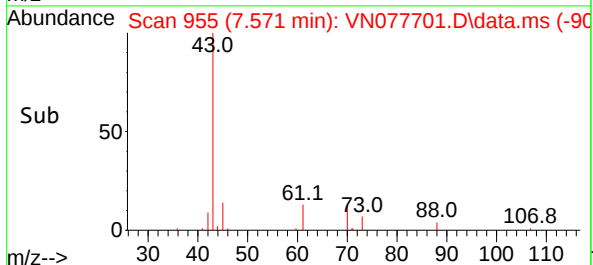
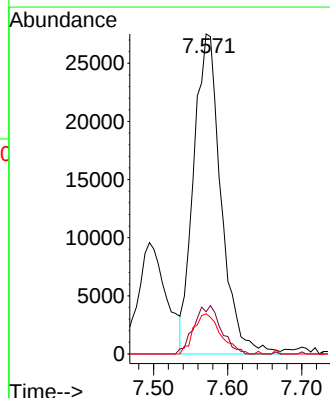
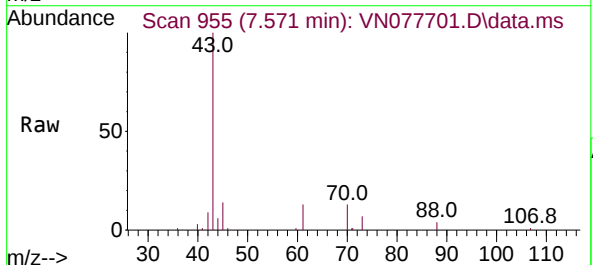
Tgt Ion: 43 Resp: 70478

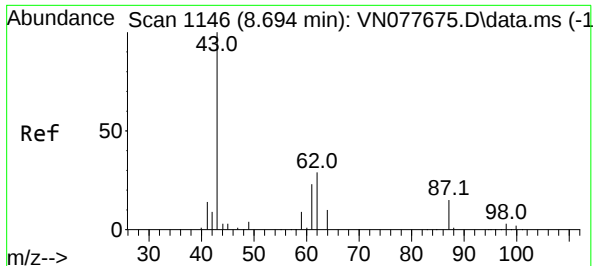
Ion Ratio Lower Upper

43 100

61 15.1 13.2 19.8

70 12.4 11.3 16.9





#43

Isopropyl Acetate

Concen: 31.894 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077701.D

Acq: 16 May 2023 18:38

Instrument :

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WATERWITCH-AVE-SAMPLE

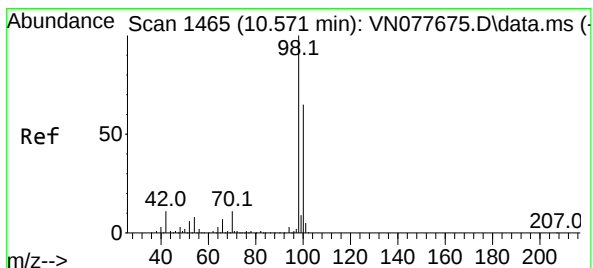
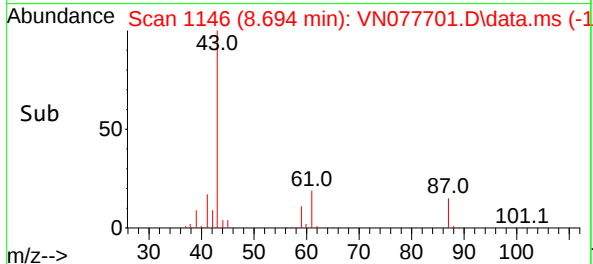
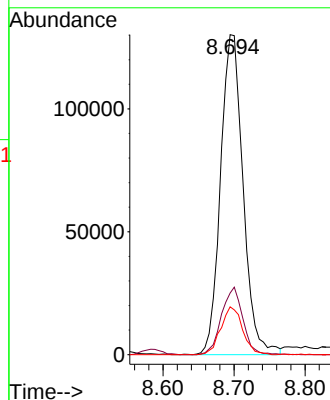
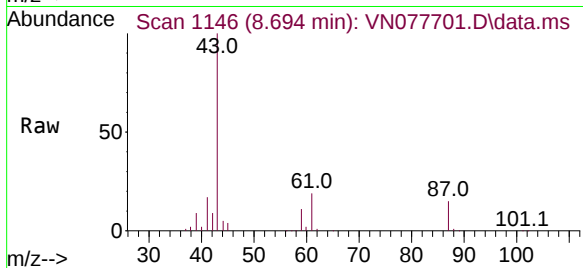
Tgt Ion: 43 Resp: 287231

Ion Ratio Lower Upper

43 100

61 20.0 24.7 37.1#

87 14.5 14.6 21.8#



#50

Toluene-d8

Concen: 49.889 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN077701.D

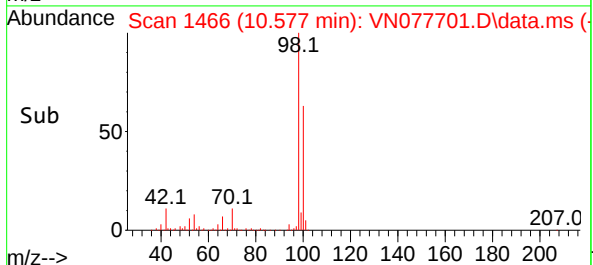
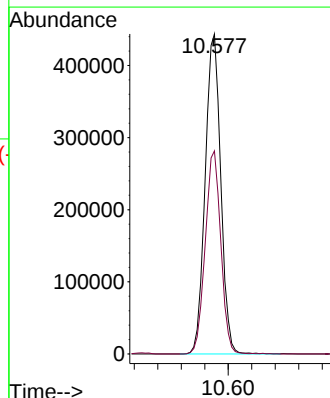
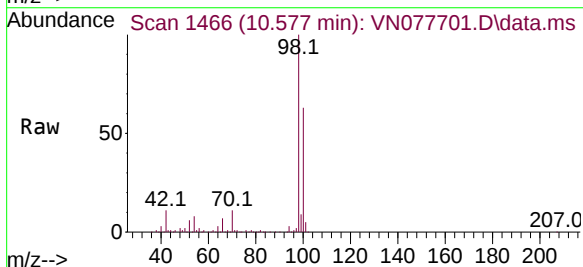
Acq: 16 May 2023 18:38

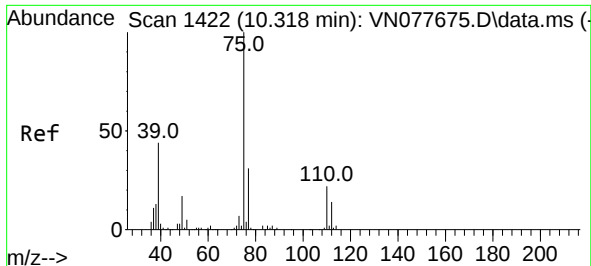
Tgt Ion: 98 Resp: 812124

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

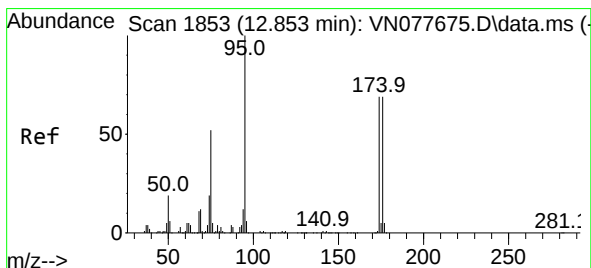
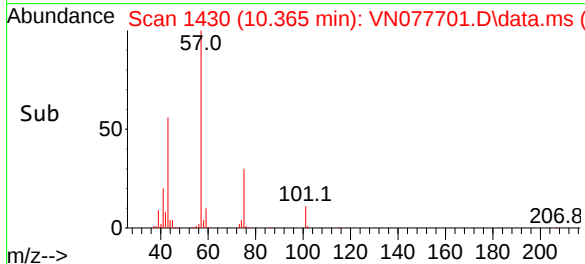
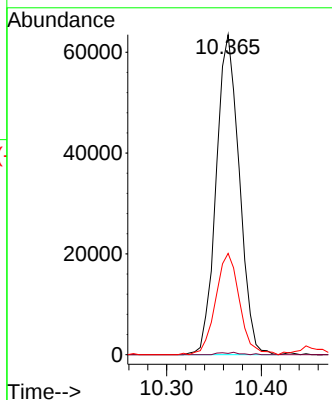
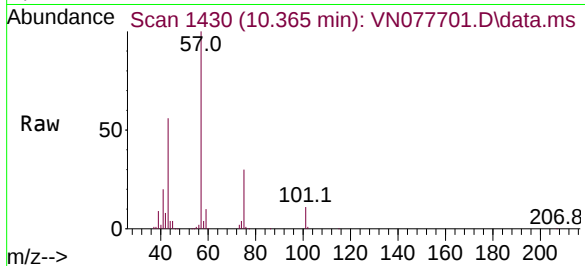




#54
cis-1,3-Dichloropropene
Concen: 14.480 ug/l
RT: 10.365 min Scan# 1422
Delta R.T. 0.047 min
Lab File: VN077701.D
Acq: 16 May 2023 18:38

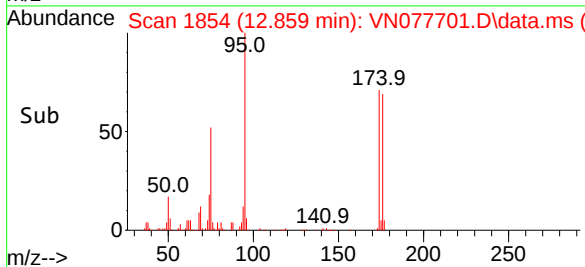
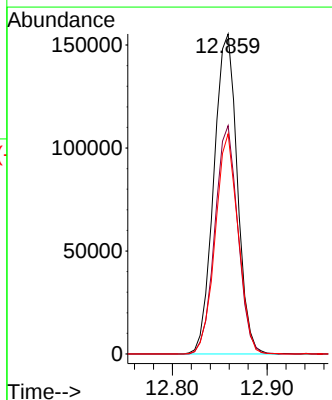
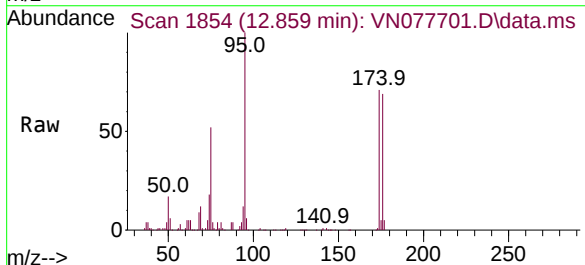
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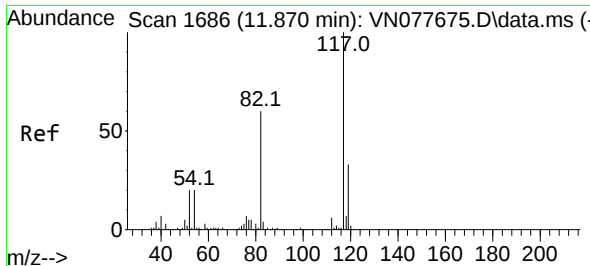
Tgt Ion: 75 Resp: 107788
Ion Ratio Lower Upper
75 100
77 0.4 26.1 39.1#
39 31.7 31.6 47.4



#62
4-Bromofluorobenzene
Concen: 46.460 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077701.D
Acq: 16 May 2023 18:38

Tgt Ion: 95 Resp: 267111
Ion Ratio Lower Upper
95 100
174 69.8 0.0 143.8
176 67.1 0.0 135.8

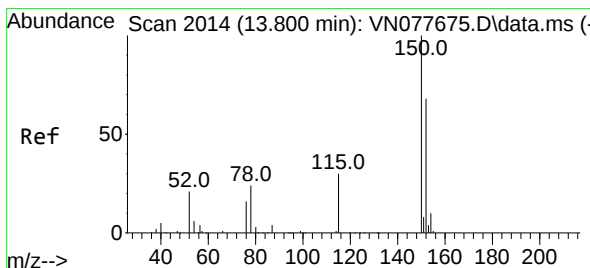
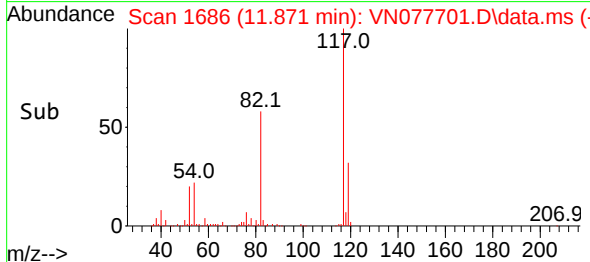
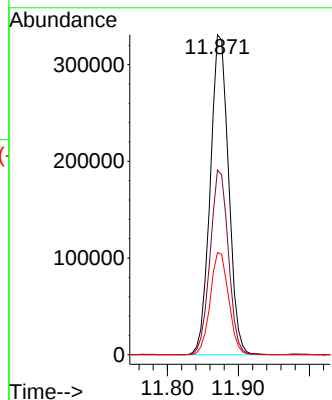
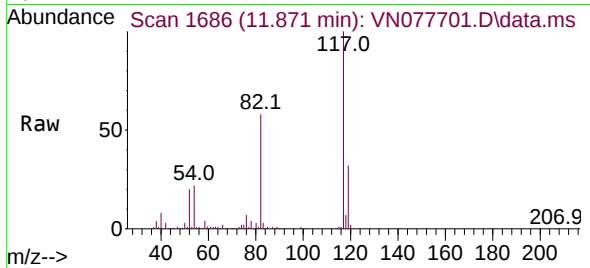




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077701.D
Acq: 16 May 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
WATERWITCH-AVE-SAMPLE

Tgt Ion:117 Resp: 592765
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077701.D
Acq: 16 May 2023 18:38

Tgt Ion:152 Resp: 227974
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 159.6 0.0 355.8

