

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078076.D
 Acq On : 06 Jun 2023 17:36
 Operator : JC\MD
 Sample : 03036-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-STONE-0602

Quant Time: Jun 07 01:23:36 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)

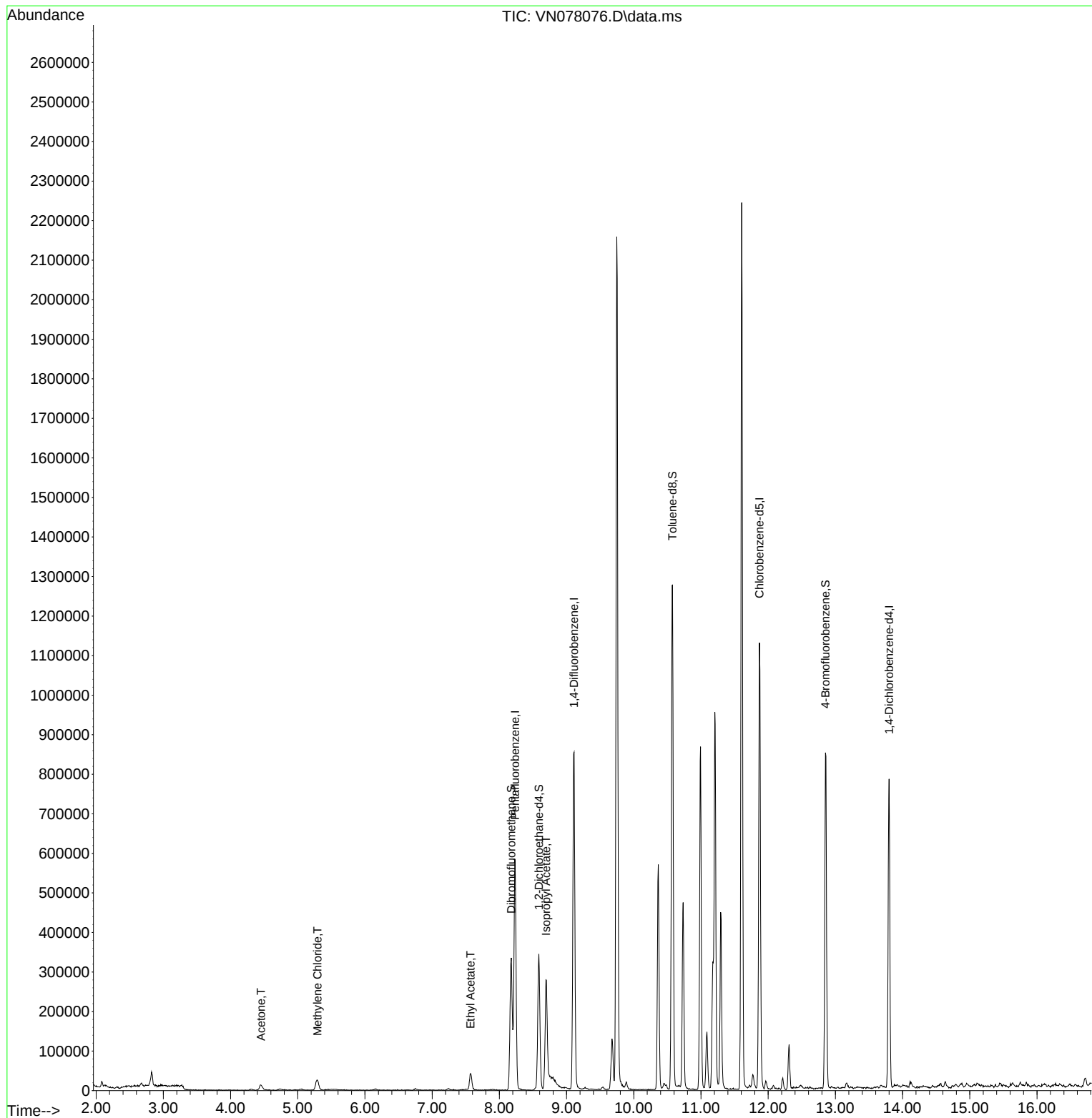
Internal Standards						
1) Pentafluorobenzene	8.235	168	422104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	771847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	700282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	218478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	278823	44.147	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.300%
35) Dibromofluoromethane	8.177	113	241836	48.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	10.576	98	952016	49.142	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.853	95	320456	46.836	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.680%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	26743	13.459	ug/l #	77
20) Methylene Chloride	5.294	84	22009	2.374	ug/l #	91
37) Ethyl Acetate	7.571	43	63166	9.627	ug/l	97
43) Isopropyl Acetate	8.694	43	342582	31.964	ug/l #	80

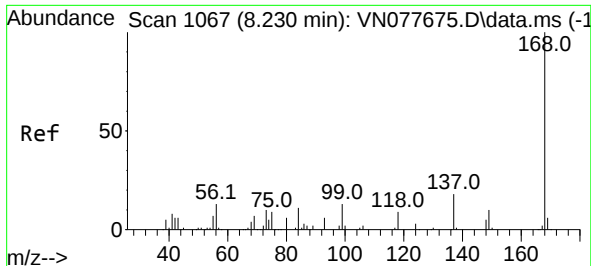
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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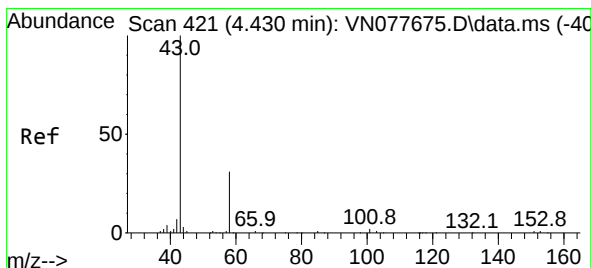
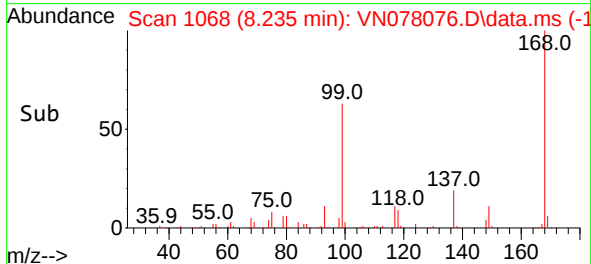
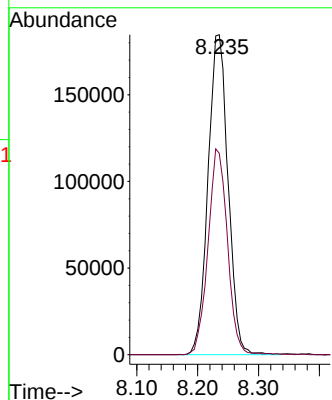
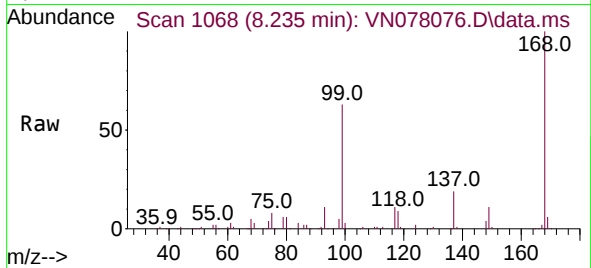




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078076.D
Acq: 06 Jun 2023 17:36

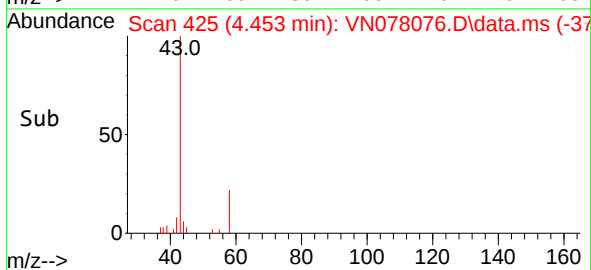
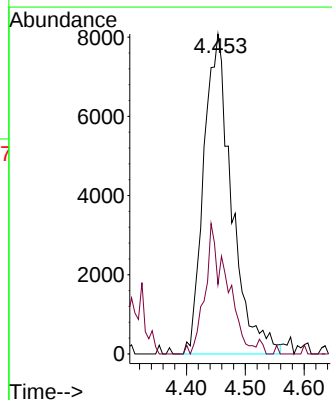
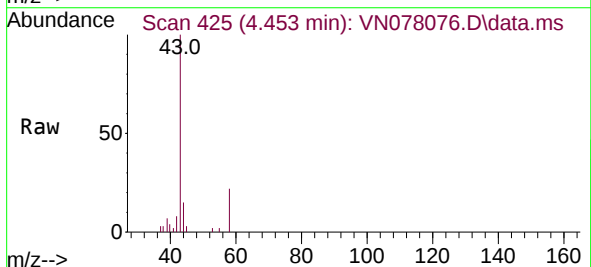
Instrument :
MSVOA_N
ClientSampleId :
PL-STONE-0602

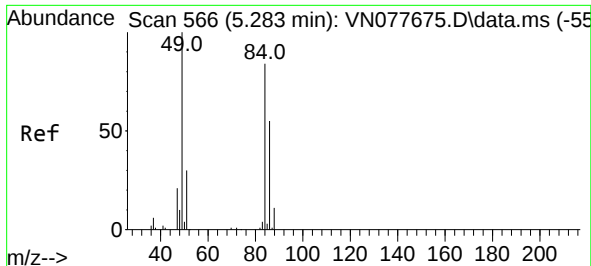
Tgt Ion:168 Resp: 422104
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#16
Acetone
Concen: 13.459 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN078076.D
Acq: 06 Jun 2023 17:36

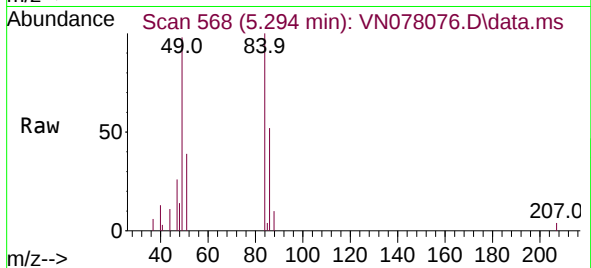
Tgt Ion: 43 Resp: 26743
Ion Ratio Lower Upper
43 100
58 21.7 28.0 42.0#



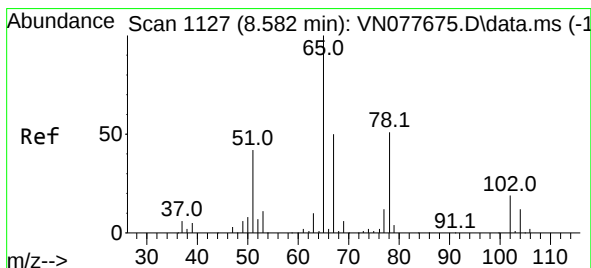
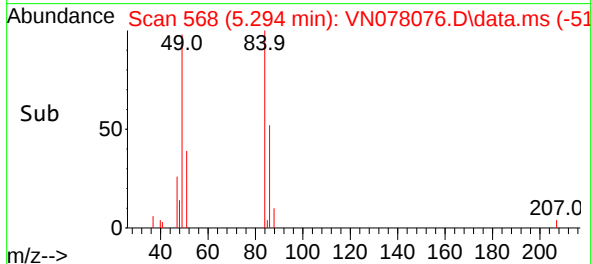
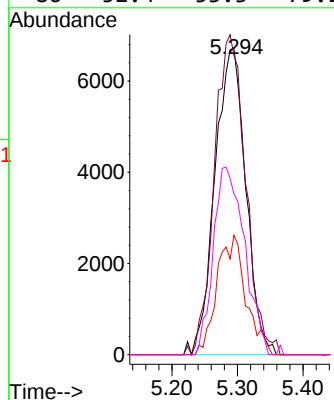


#20
Methylene Chloride
Concen: 2.374 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078076.D
Acq: 06 Jun 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :
PL-STONE-0602

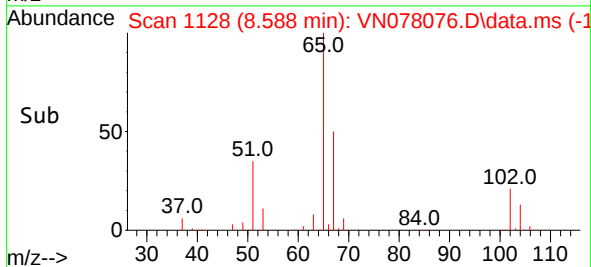
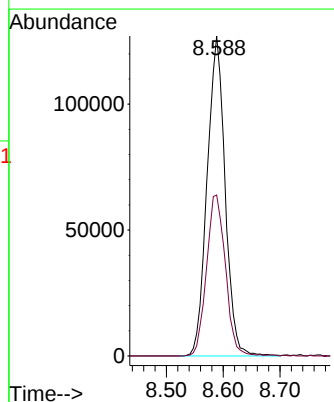
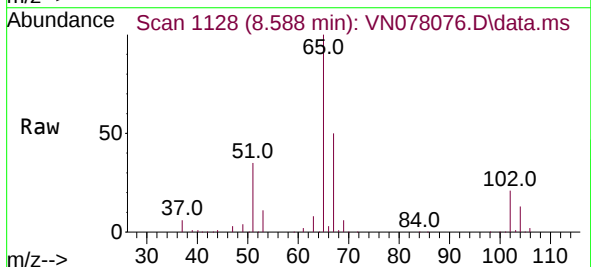


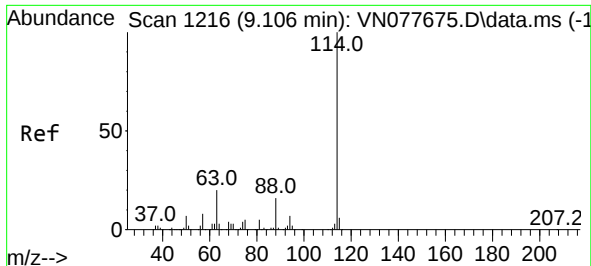
Tgt Ion:	84	Resp:	22009
Ion	Ratio	Lower	Upper
84	100		
49	97.5	79.7	119.5
51	38.9	25.2	37.8#
86	52.4	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 44.147 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078076.D
Acq: 06 Jun 2023 17:36

Tgt Ion:	65	Resp:	278823
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078076.D

Acq: 06 Jun 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

PL-STONE-0602

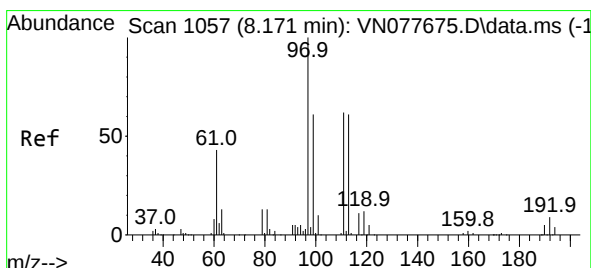
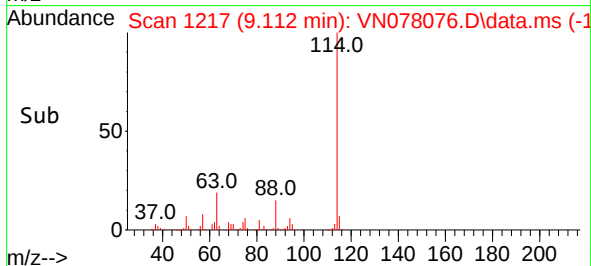
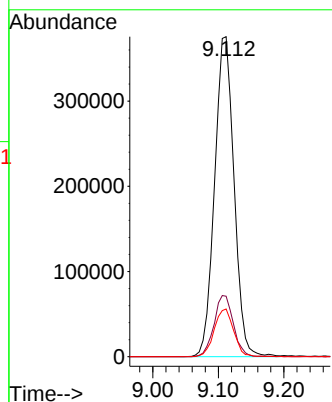
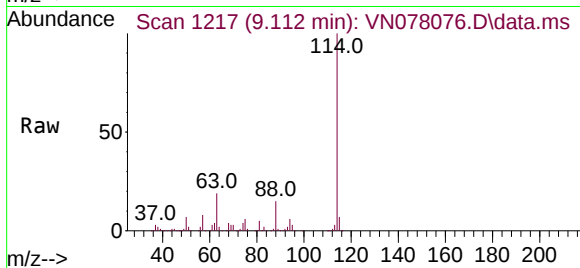
Tgt Ion:114 Resp: 771847

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.049 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078076.D

Acq: 06 Jun 2023 17:36

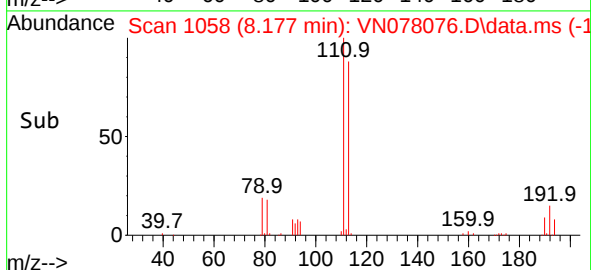
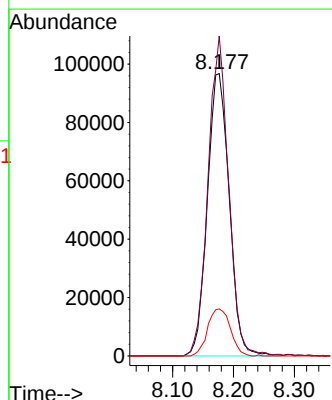
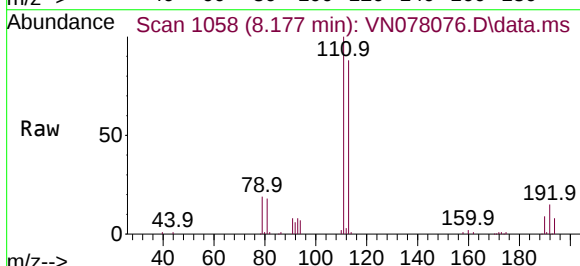
Tgt Ion:113 Resp: 241836

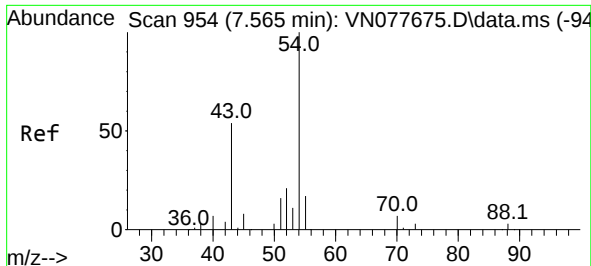
Ion Ratio Lower Upper

113 100

111 106.3 82.6 123.8

192 17.3 12.7 19.1





#37

Ethyl Acetate

Concen: 9.627 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078076.D

Acq: 06 Jun 2023 17:36

Instrument :

MSVOA_N

ClientSampleId :

PL-STONE-0602

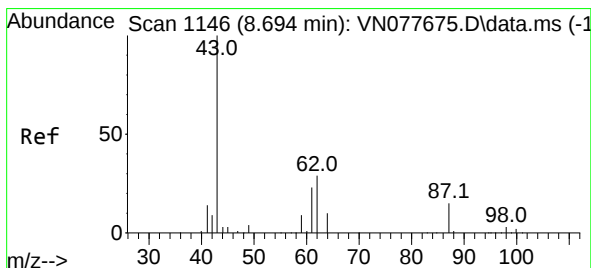
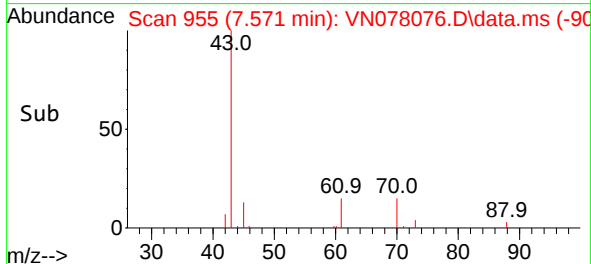
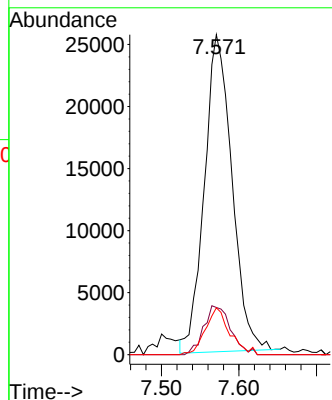
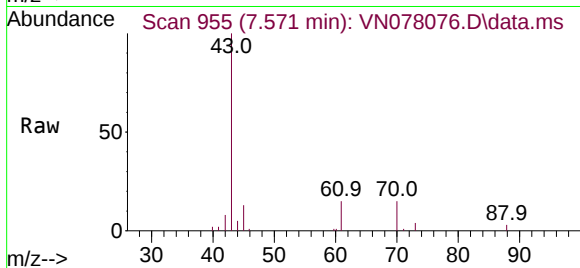
Tgt Ion: 43 Resp: 63166

Ion Ratio Lower Upper

43 100

61 15.0 13.2 19.8

70 13.1 11.3 16.9



#43

Isopropyl Acetate

Concen: 31.964 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078076.D

Acq: 06 Jun 2023 17:36

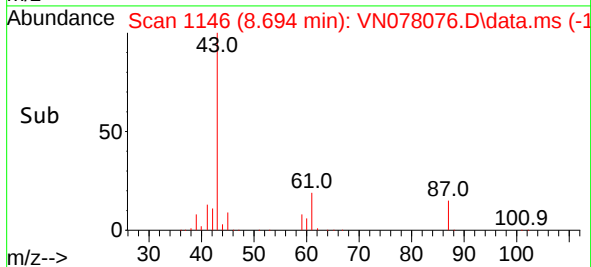
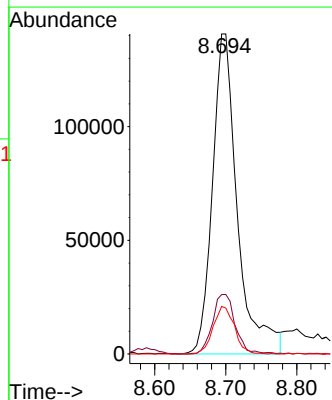
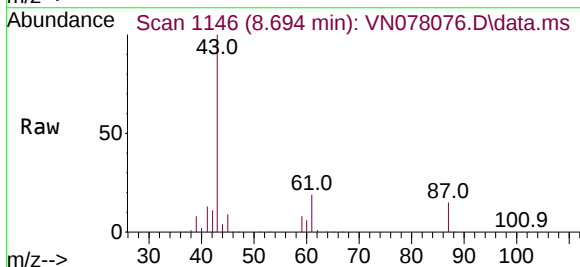
Tgt Ion: 43 Resp: 342582

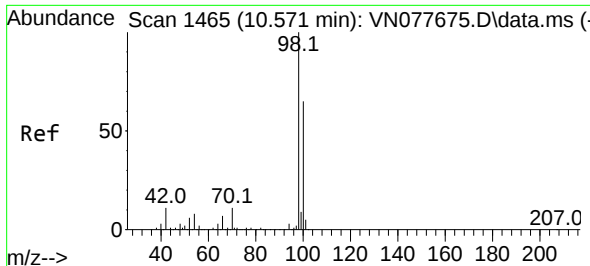
Ion Ratio Lower Upper

43 100

61 17.1 24.7 37.1#

87 12.7 14.6 21.8#

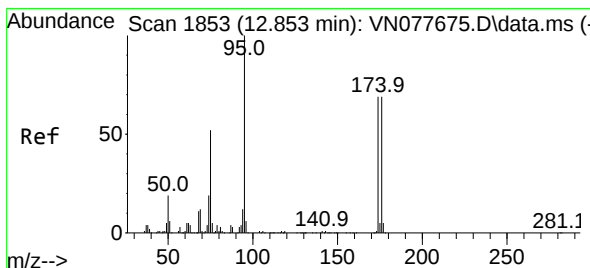
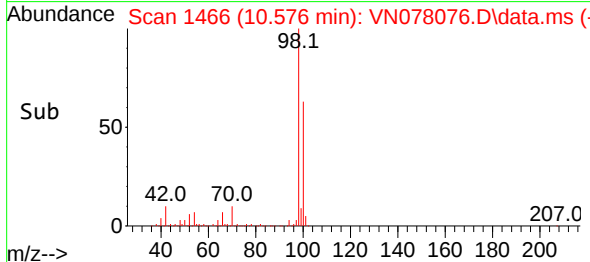
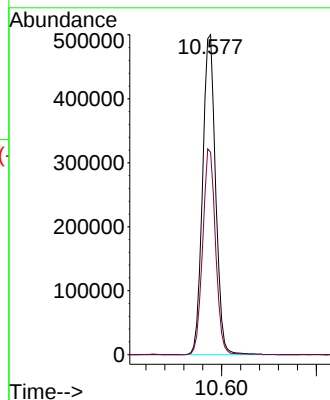
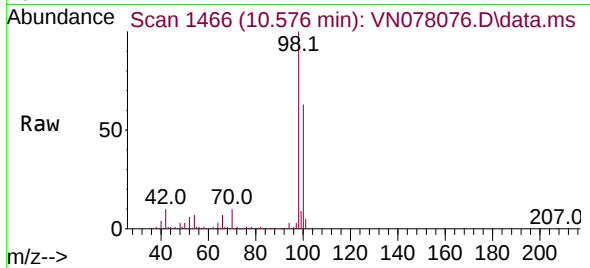




#50
Toluene-d8
Concen: 49.142 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078076.D
Acq: 06 Jun 2023 17:36

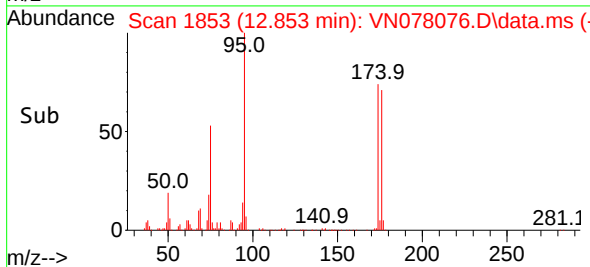
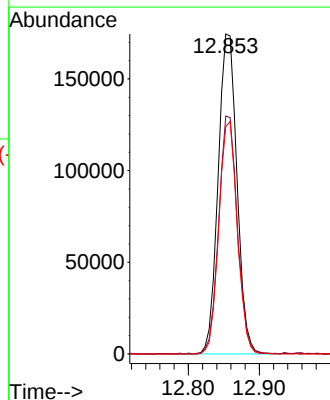
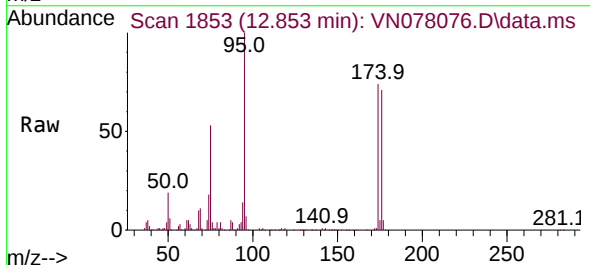
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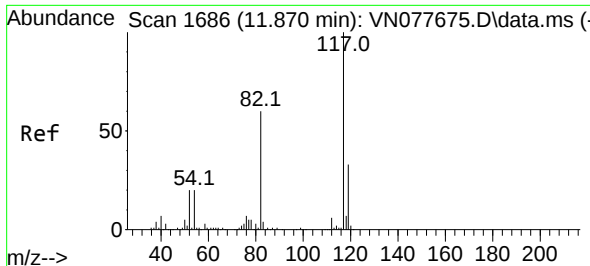
Tgt Ion: 98 Resp: 952016
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.836 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078076.D
Acq: 06 Jun 2023 17:36

Tgt Ion: 95 Resp: 320456
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.7 0.0 135.8

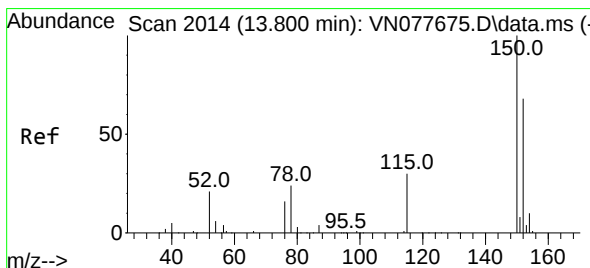
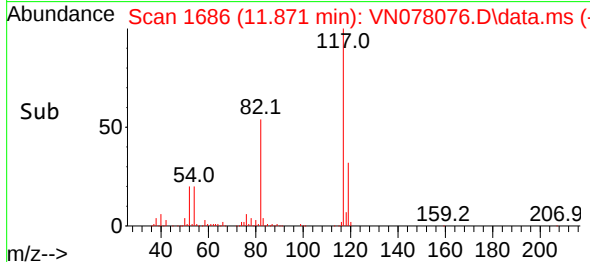
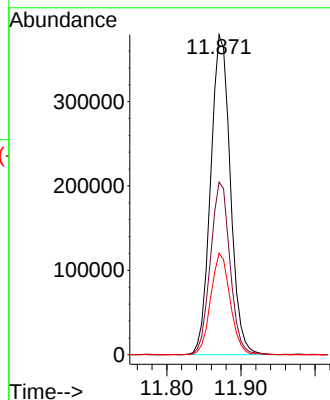
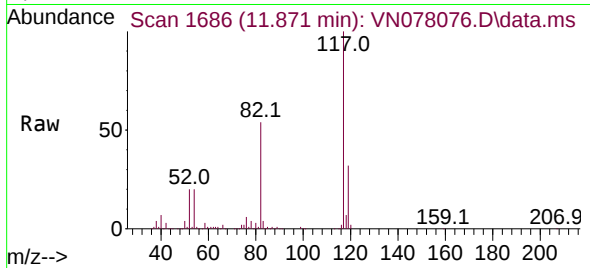




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078076.D
Acq: 06 Jun 2023 17:36

Instrument :
MSVOA_N
ClientSampleId :
PL-STONE-0602

Tgt Ion:117 Resp: 700282
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 31.7 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: VN078076.D
Acq: 06 Jun 2023 17:36

Tgt Ion:152 Resp: 218478
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 155.1 0.0 355.8

