

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079140.D
 Acq On : 02 Sep 2023 13:59
 Operator : JC\MD
 Sample : PB155301ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#02

Quant Time: Sep 04 01:03:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

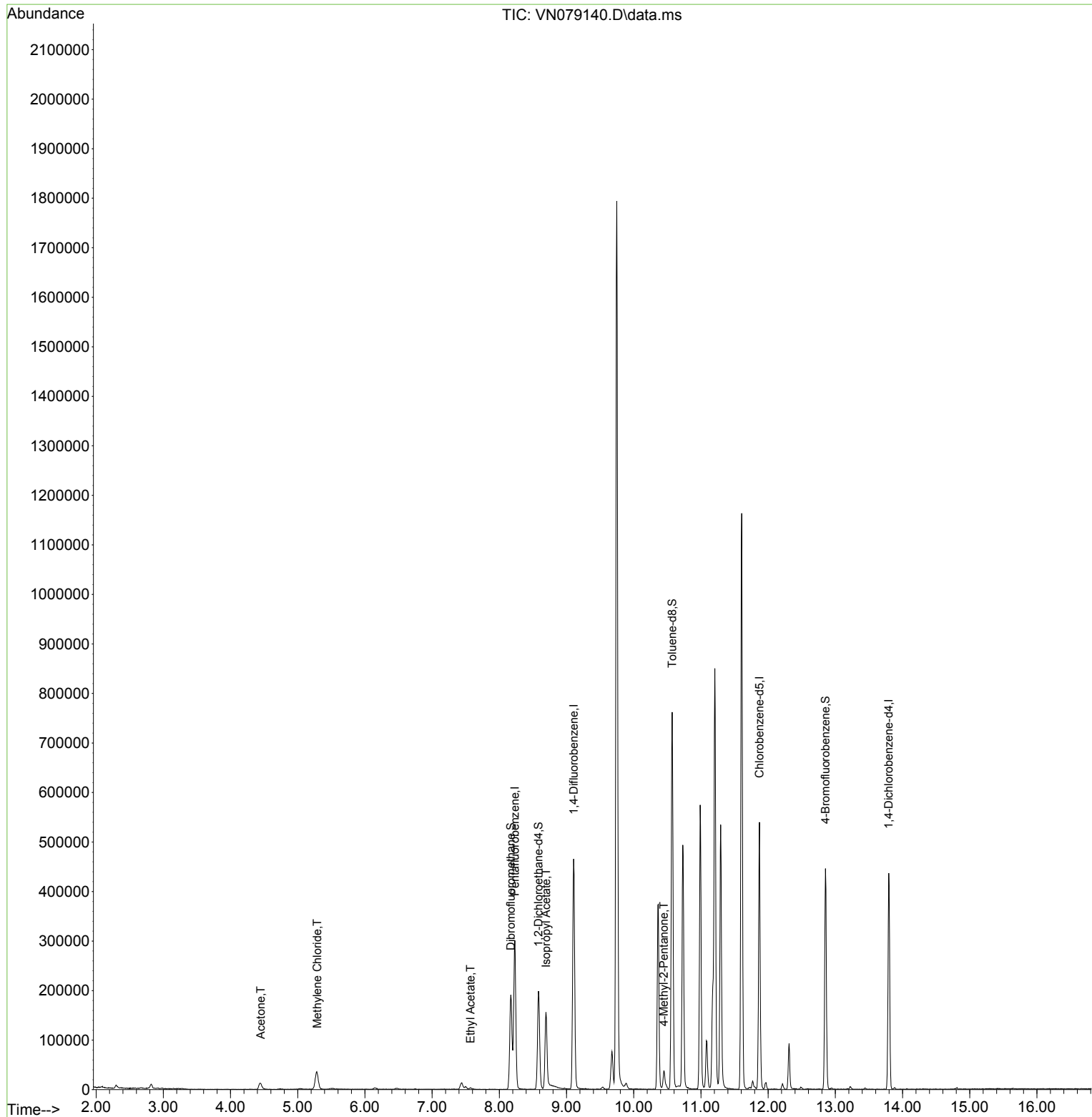
Internal Standards						
1) Pentafluorobenzene	8.230	168	217442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	414120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	283122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	161776	47.812	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.620%
35) Dibromofluoromethane	8.171	113	143048	51.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.640%
50) Toluene-d8	10.571	98	538249	52.001	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.000%
62) 4-Bromofluorobenzene	12.853	95	161866	47.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.680%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	26317	18.850	ug/l	89
20) Methylene Chloride	5.289	84	29912	10.054	ug/l	94
37) Ethyl Acetate	7.571	43	4914	1.047	ug/l #	77
43) Isopropyl Acetate	8.694	43	180054	21.713	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	31211	6.346	ug/l #	83

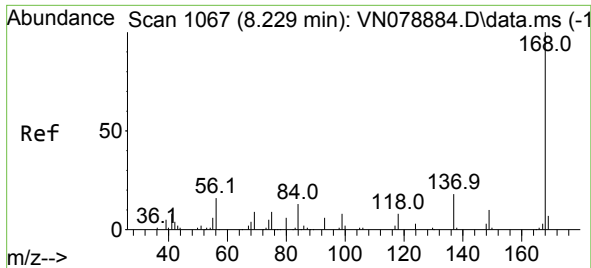
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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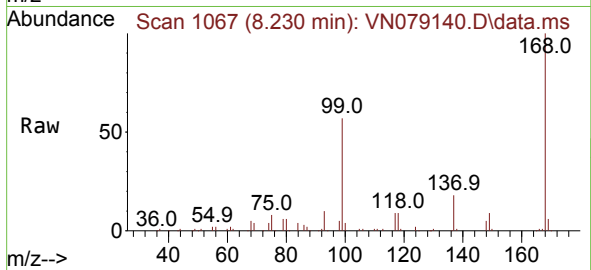
Quant Time: Sep 04 01:03:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
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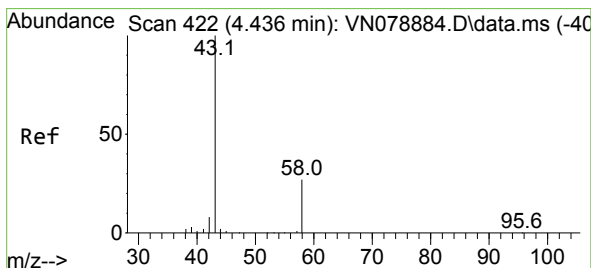
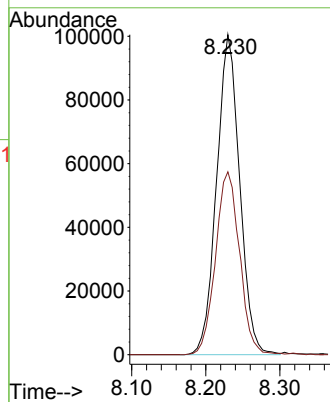
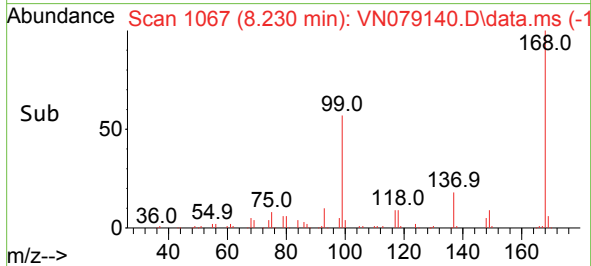


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#02

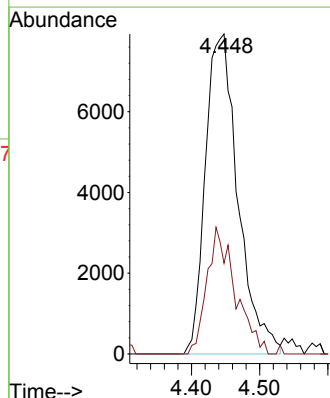
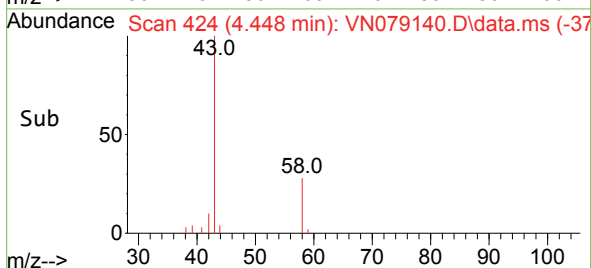
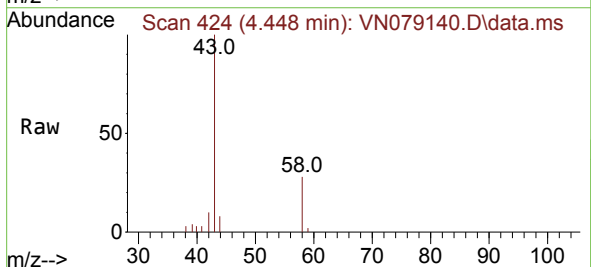


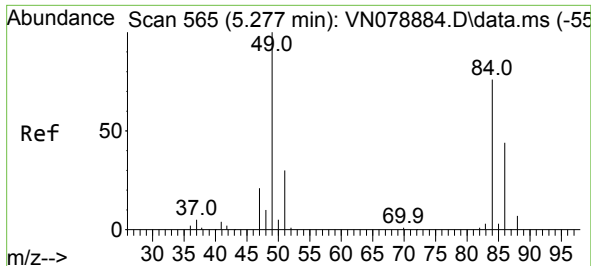
Tgt Ion:168 Resp: 217442
Ion Ratio Lower Upper
168 100
99 57.1 53.0 79.6



#16
Acetone
Concen: 18.850 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

Tgt Ion: 43 Resp: 26317
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0

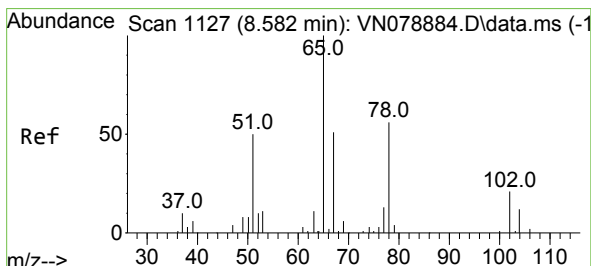
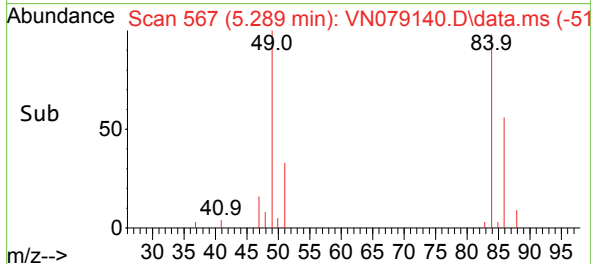
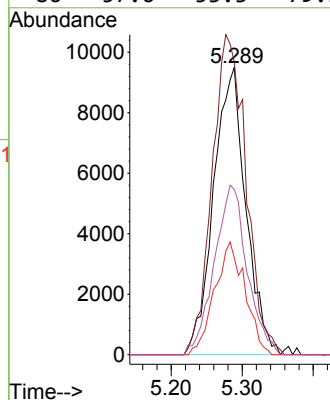
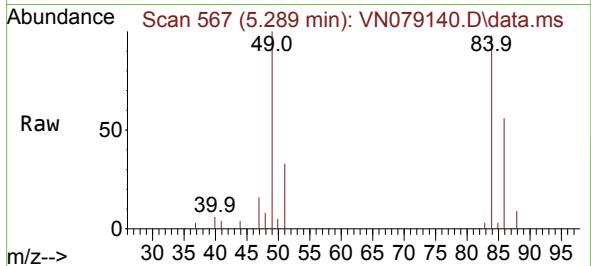




#20
Methylene Chloride
Concen: 10.054 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

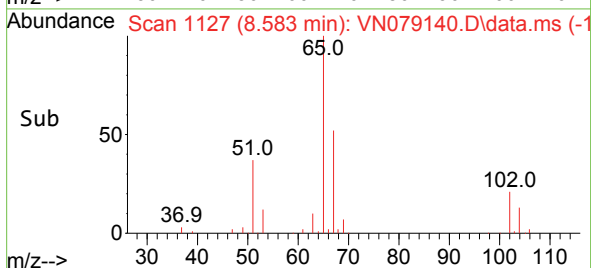
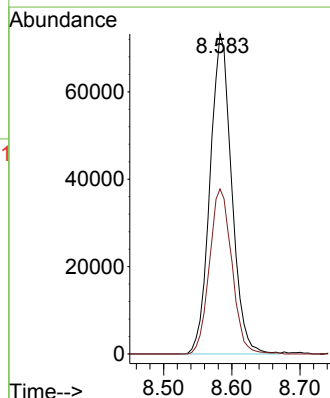
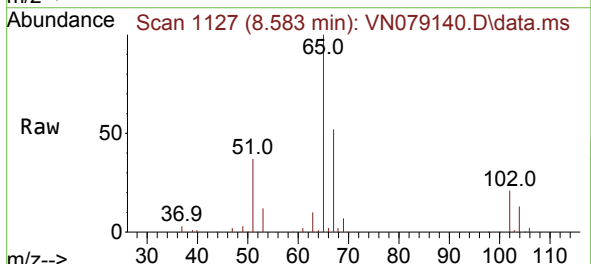
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#02

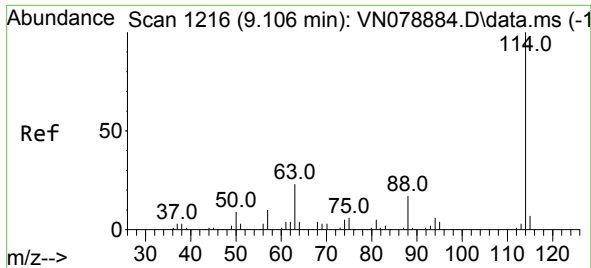
Tgt Ion: 84	Resp: 29912
Ion Ratio	Lower Upper
84 100	
49 102.0	79.7 119.5
51 33.7	25.2 37.8
86 57.6	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 47.812 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

Tgt Ion: 65	Resp: 161776
Ion Ratio	Lower Upper
65 100	
67 53.3	0.0 106.6

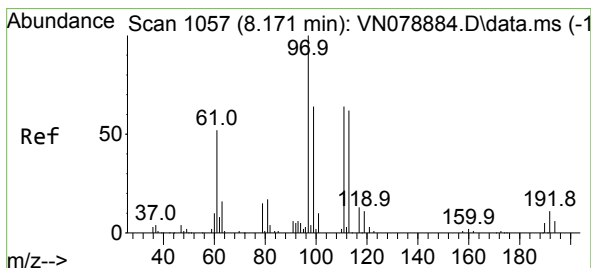
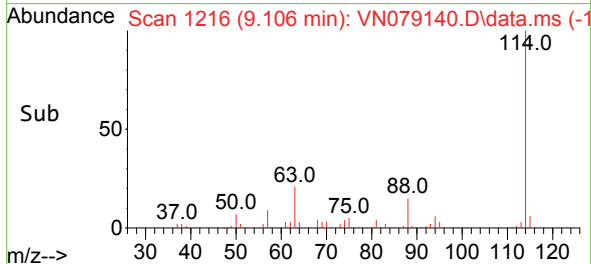
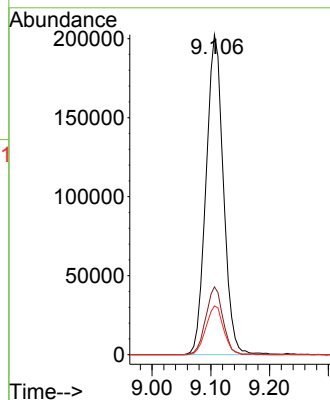
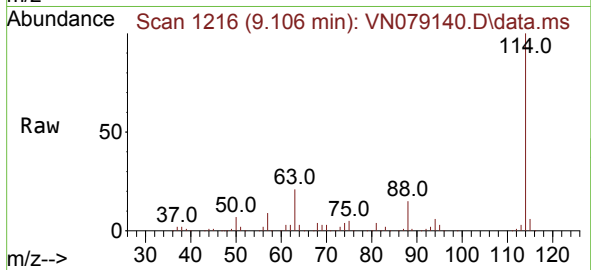




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

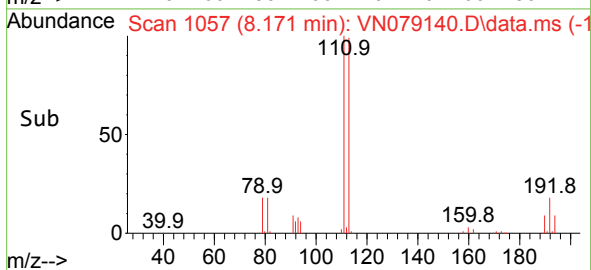
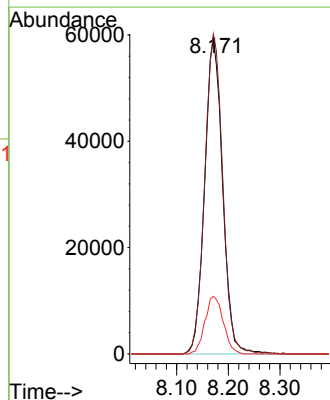
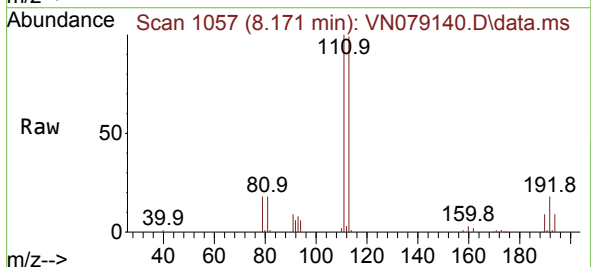
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#02

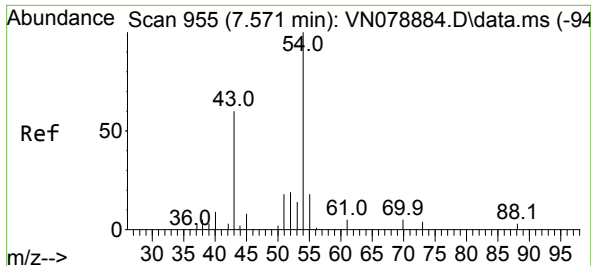
Tgt Ion:114 Resp: 414120
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.315 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

Tgt Ion:113 Resp: 143048
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.7 12.7 19.1

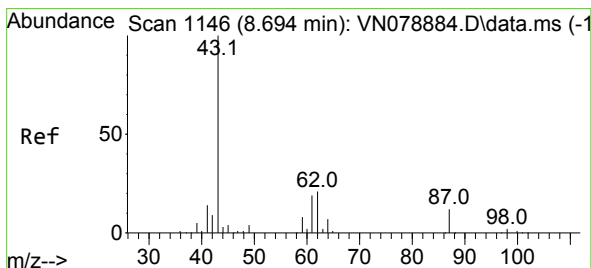
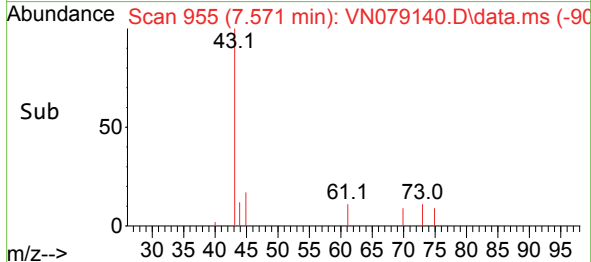
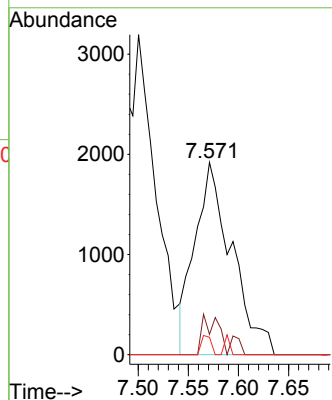
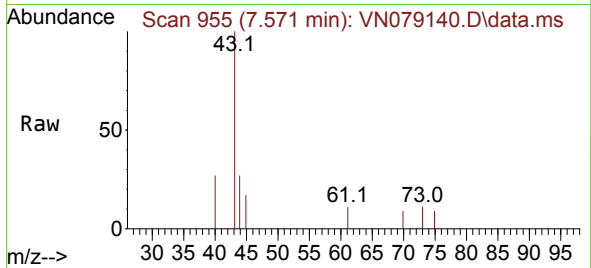




#37
Ethyl Acetate
Concen: 1.047 ug/l
RT: 7.571 min Scan# 914
Delta R.T. -0.000 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

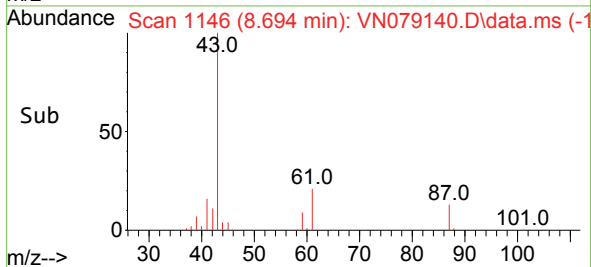
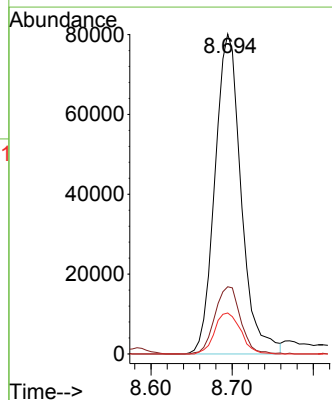
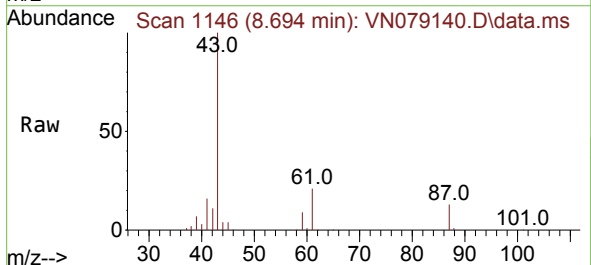
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#02

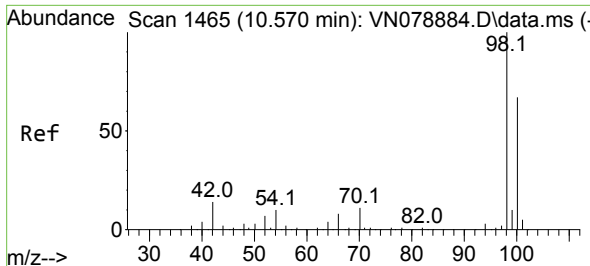
Tgt Ion: 43 Resp: 4914
Ion Ratio Lower Upper
43 100
61 8.9 13.2 19.8#
70 2.6 11.3 16.9#



#43
Isopropyl Acetate
Concen: 21.713 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

Tgt Ion: 43 Resp: 180054
Ion Ratio Lower Upper
43 100
61 20.6 24.7 37.1#
87 12.7 14.6 21.8#

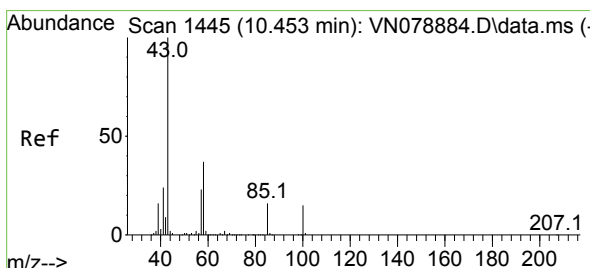
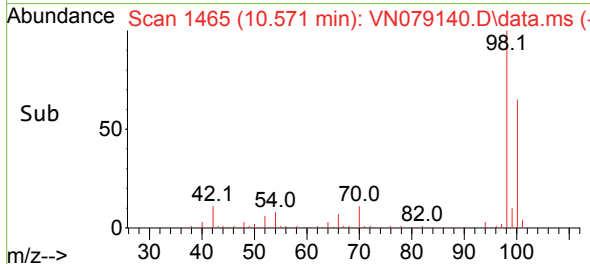
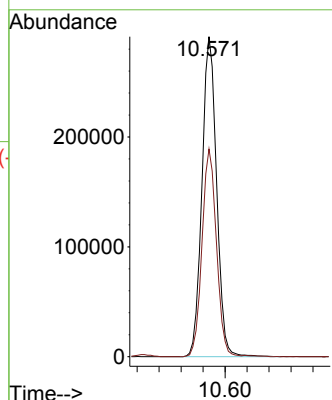
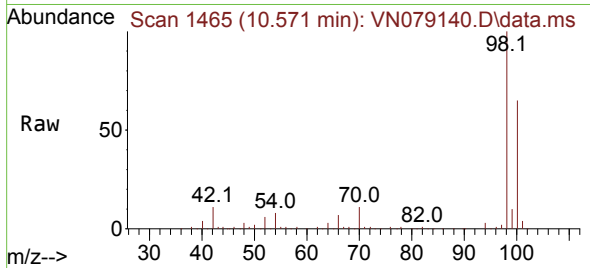




#50
Toluene-d8
Concen: 52.001 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

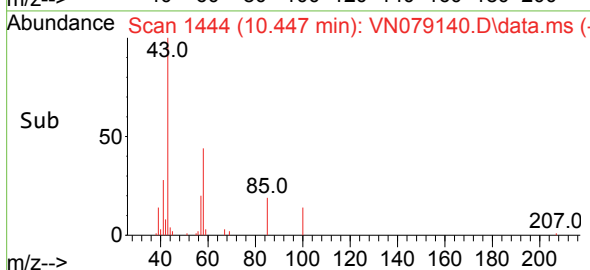
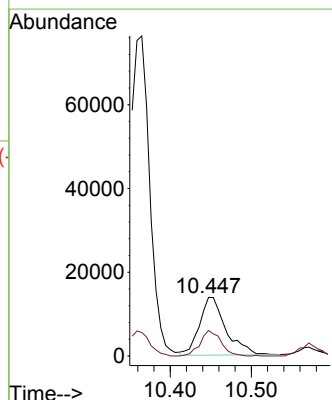
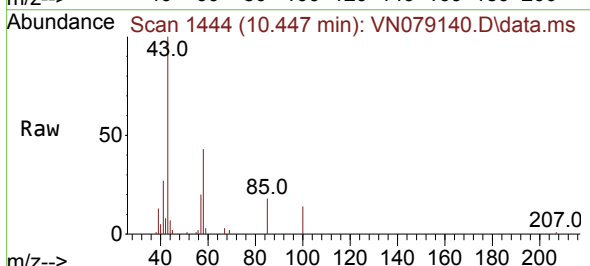
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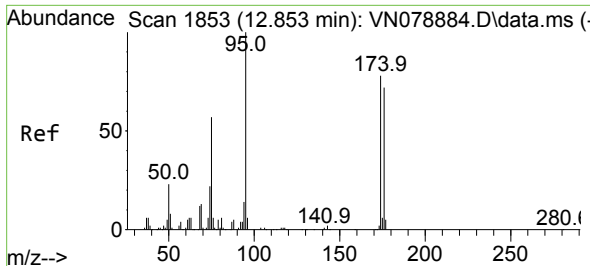
Tgt Ion: 98 Resp: 538249
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 6.346 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

Tgt Ion: 43 Resp: 31211
Ion Ratio Lower Upper
43 100
58 34.6 36.6 54.8#

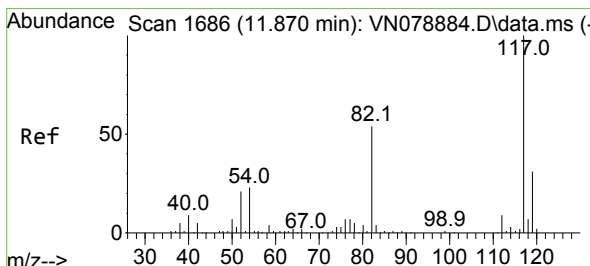
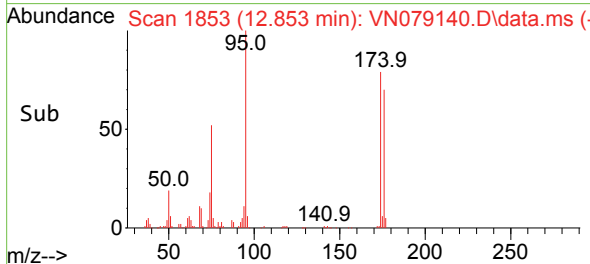
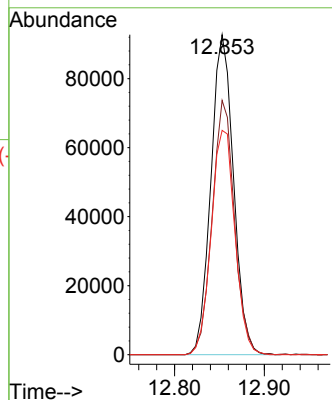
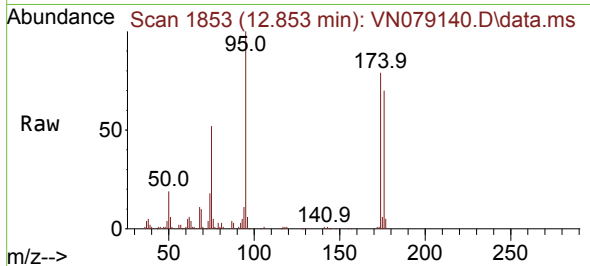




#62
4-Bromofluorobenzene
Concen: 47.843 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

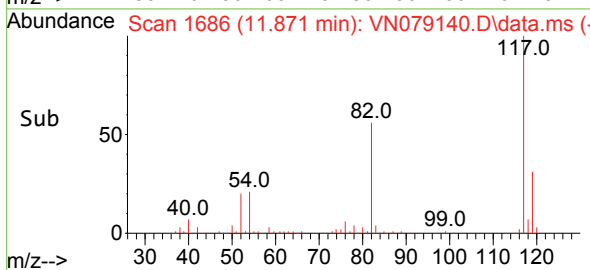
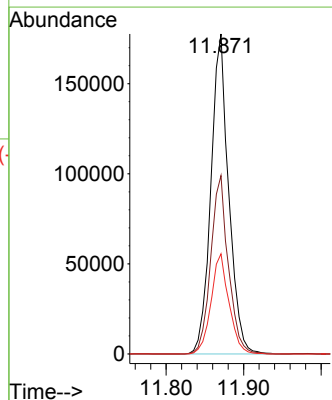
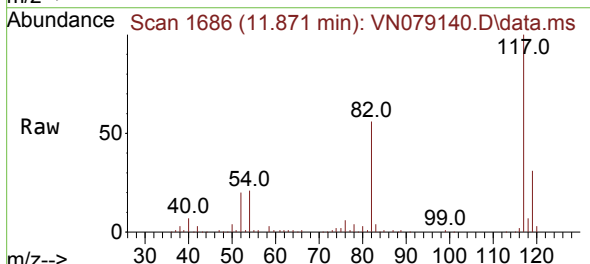
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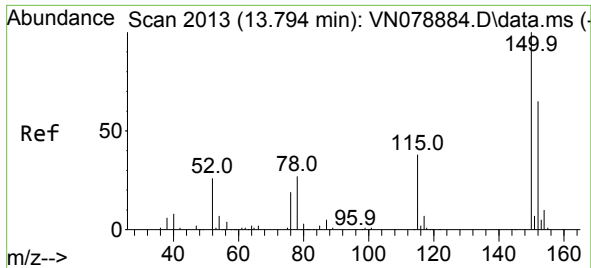
Tgt Ion: 95 Resp: 161866
Ion Ratio Lower Upper
95 100
174 78.5 0.0 143.8
176 73.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079140.D
Acq: 02 Sep 2023 13:59

Tgt Ion: 117 Resp: 283122
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 31.3 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN079140.D

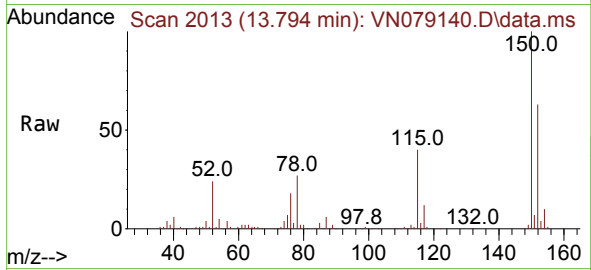
Acq: 02 Sep 2023 13:59

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#02



Tgt Ion:152 Resp: 120552

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 157.3 0.0 355.8

