

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079153.D
 Acq On : 02 Sep 2023 19:11
 Operator : JC\MD
 Sample : 04274-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT2683

Quant Time: Sep 04 01:09:09 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)

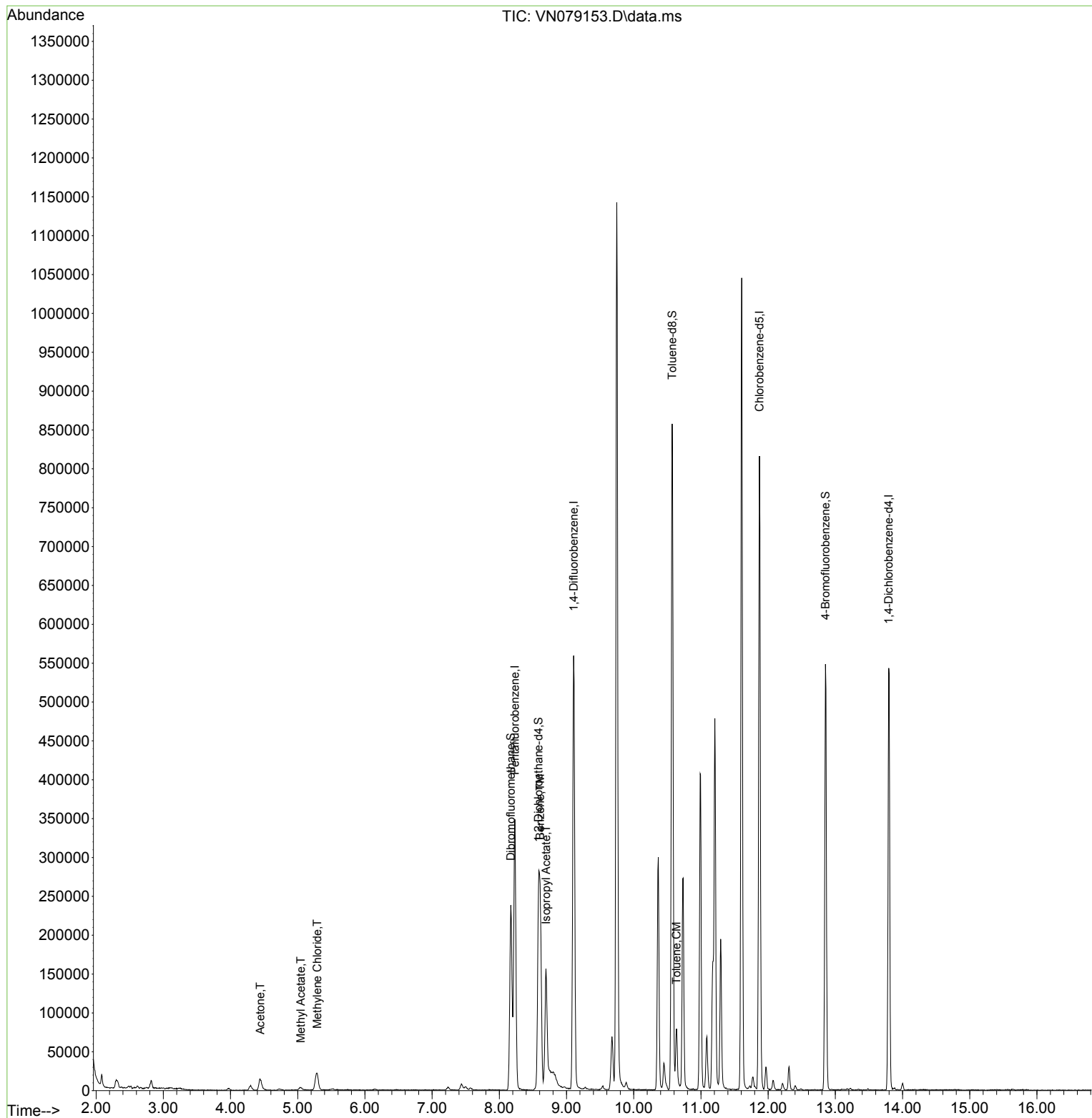
Internal Standards						
1) Pentafluorobenzene	8.230	168	257082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	495705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	477028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	151265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194731	48.678	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.360%
35) Dibromofluoromethane	8.171	113	173467	51.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.980%
50) Toluene-d8	10.571	98	610948	49.310	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.853	95	196100	48.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.840%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	30024	18.189	ug/l	90
18) Methyl Acetate	5.048	43	7315	1.049	ug/l #	85
20) Methylene Chloride	5.289	84	18681	5.311	ug/l #	88
40) Benzene	8.606	78	200666	13.525	ug/l	98
43) Isopropyl Acetate	8.694	43	194679	19.612	ug/l #	76
52) Toluene	10.635	92	32124	3.527	ug/l	94

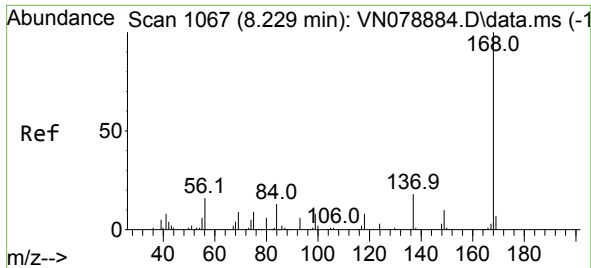
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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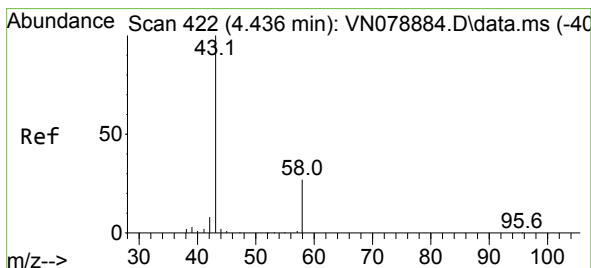
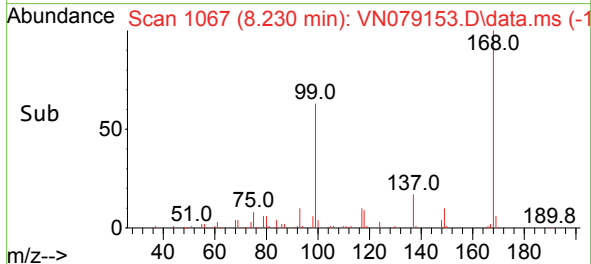
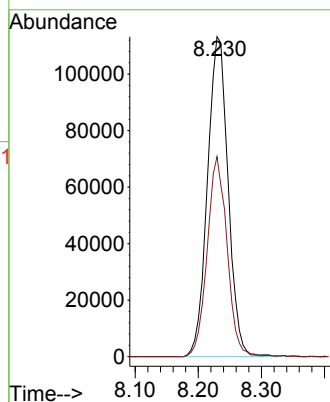
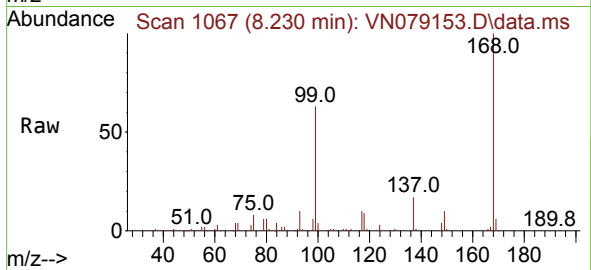




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079153.D
Acq: 02 Sep 2023 19:11

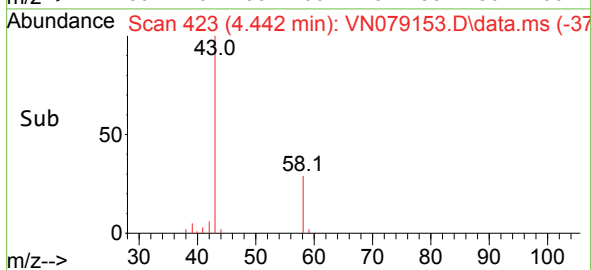
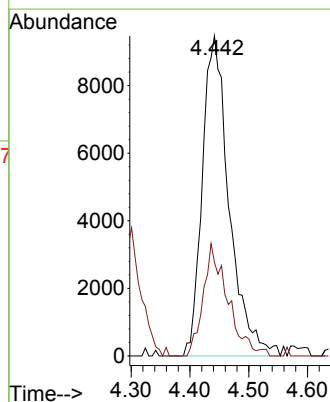
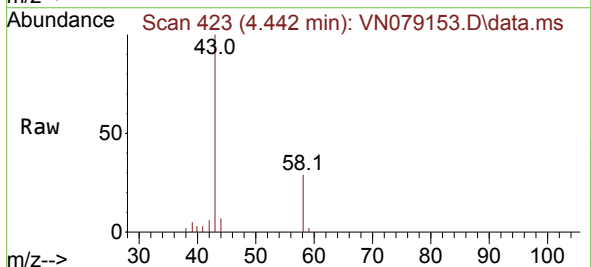
Instrument :
MSVOA_N
ClientSampleId :
RT2683

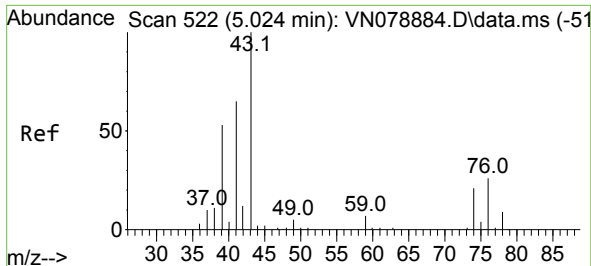
Tgt Ion:168 Resp: 257082
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#16
Acetone
Concen: 18.189 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079153.D
Acq: 02 Sep 2023 19:11

Tgt Ion: 43 Resp: 30024
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0

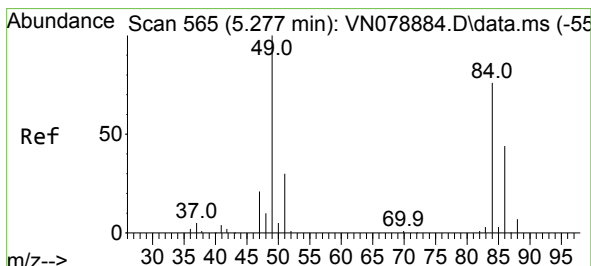
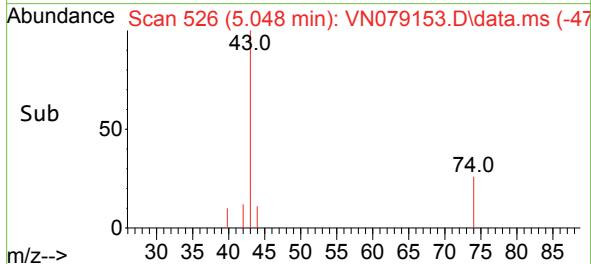
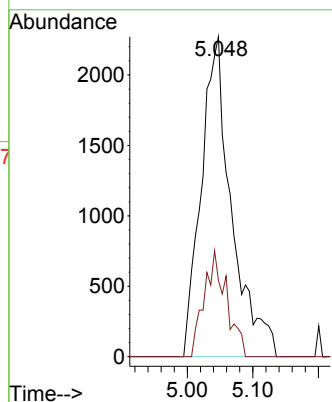
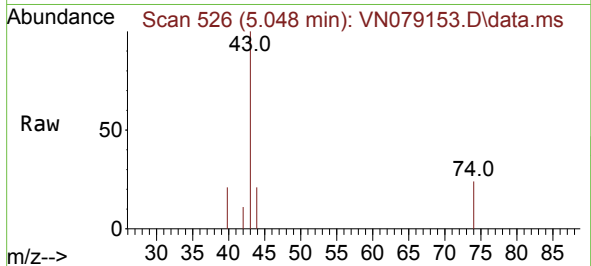




#18
Methyl Acetate
Concen: 1.049 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079153.D
Acq: 02 Sep 2023 19:11

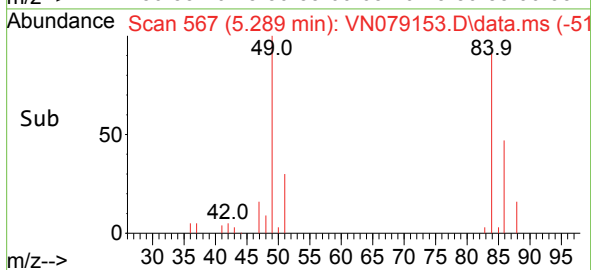
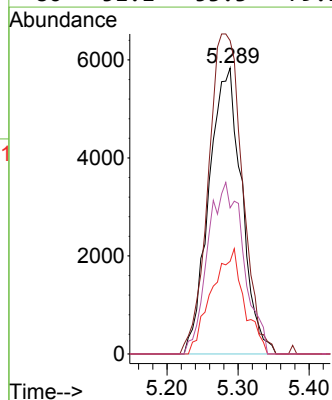
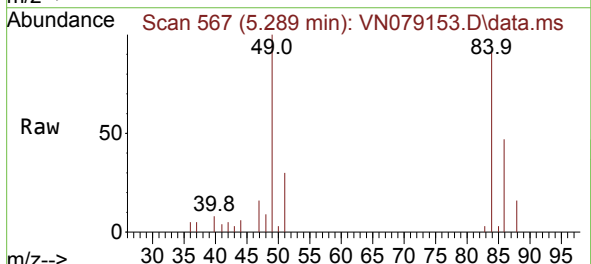
Instrument :
MSVOA_N
ClientSampleId :
RT2683

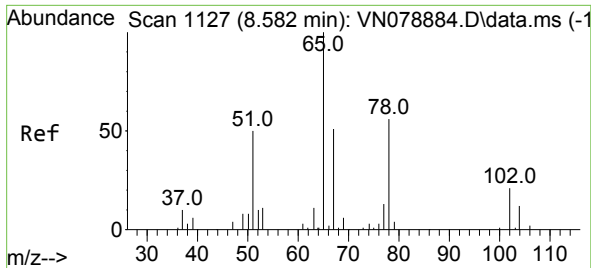
Tgt Ion: 43 Resp: 7315
Ion Ratio Lower Upper
43 100
74 24.4 26.2 39.4#



#20
Methylene Chloride
Concen: 5.311 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079153.D
Acq: 02 Sep 2023 19:11

Tgt Ion: 84 Resp: 18681
Ion Ratio Lower Upper
84 100
49 109.6 79.7 119.5
51 32.4 25.2 37.8
86 51.1 53.3 79.9#





#33

1,2-Dichloroethane-d4

Concen: 48.678 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079153.D

Acq: 02 Sep 2023 19:11

Instrument :

MSVOA_N

ClientSampleId :

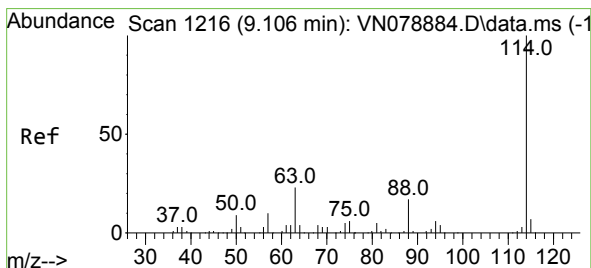
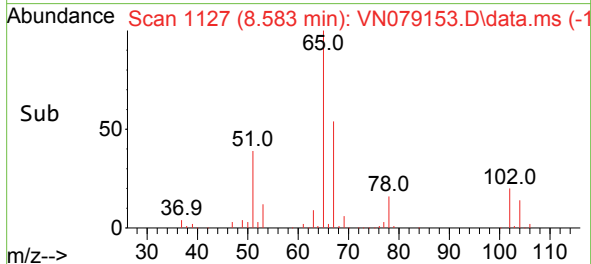
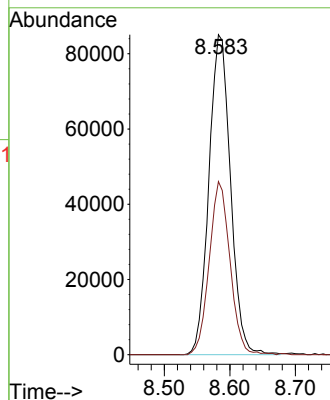
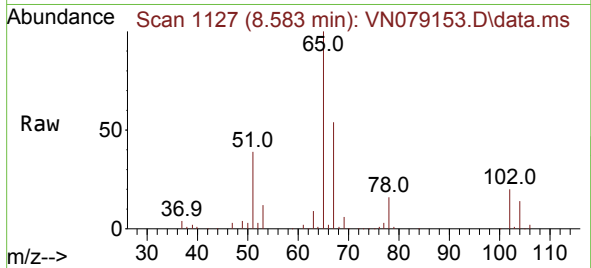
RT2683

Tgt Ion: 65 Resp: 194731

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079153.D

Acq: 02 Sep 2023 19:11

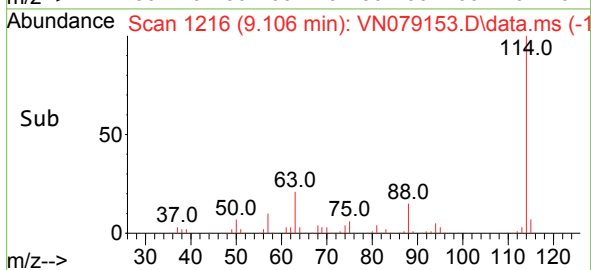
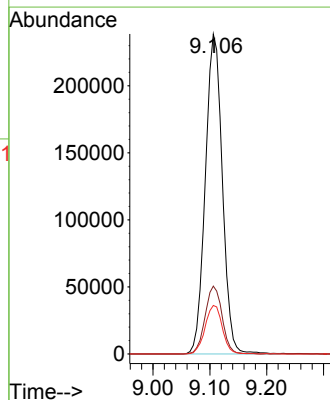
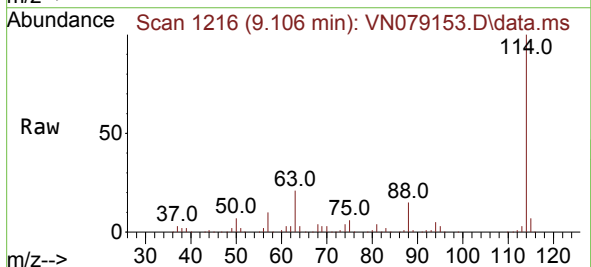
Tgt Ion: 114 Resp: 495705

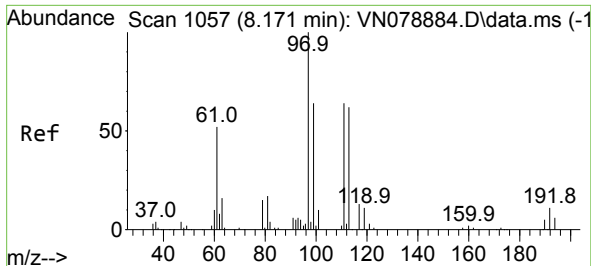
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.1 0.0 30.6

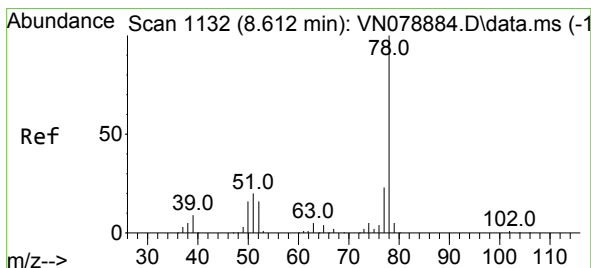
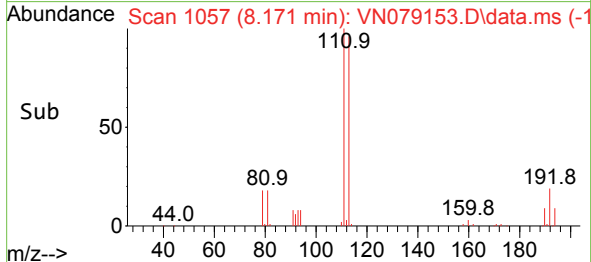
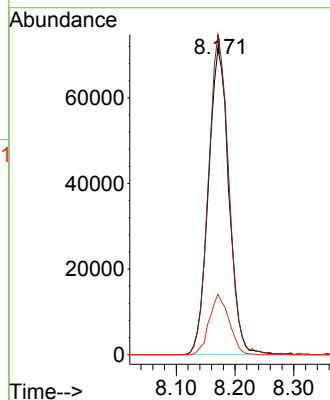
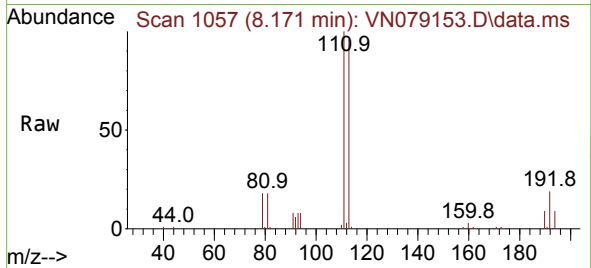




#35
Dibromofluoromethane
Concen: 51.986 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079153.D
Acq: 02 Sep 2023 19:11

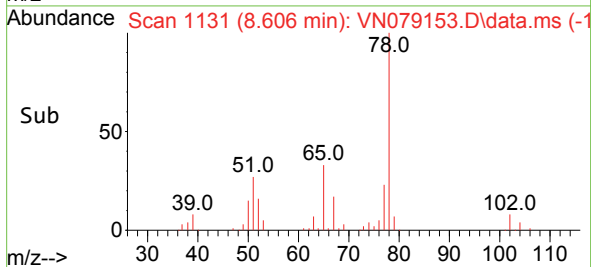
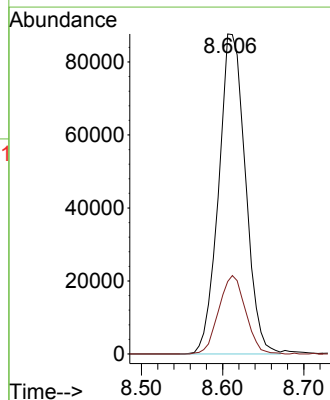
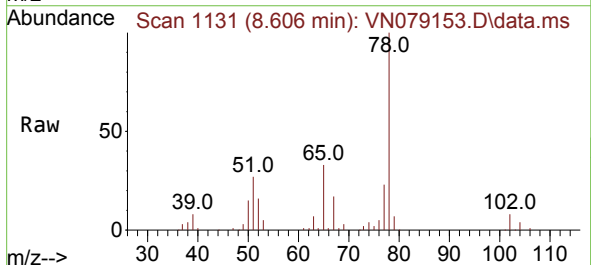
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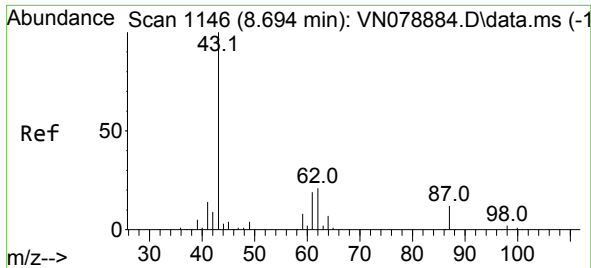
Tgt Ion:113 Resp: 173467
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 19.0 12.7 19.1



#40
Benzene
Concen: 13.525 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079153.D
Acq: 02 Sep 2023 19:11

Tgt Ion: 78 Resp: 200666
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6

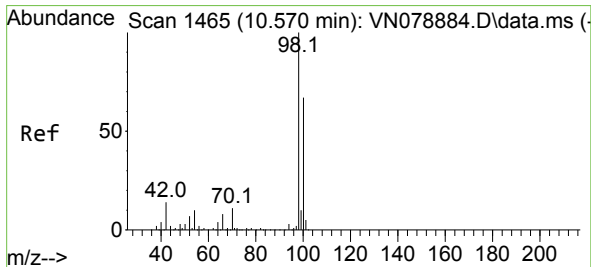
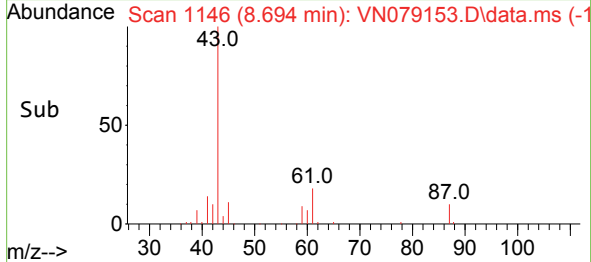
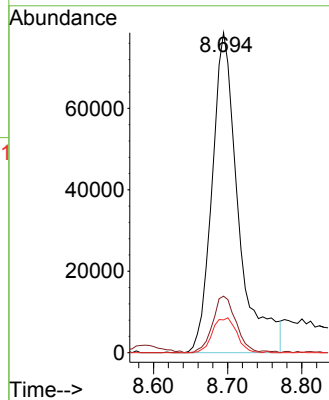
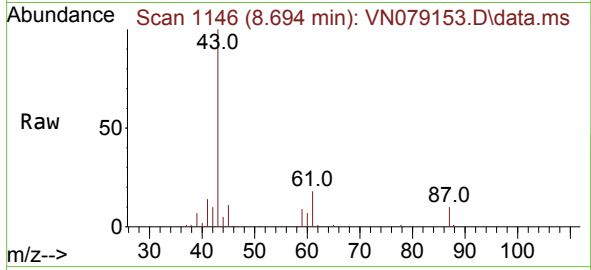




#43
Isopropyl Acetate
Concen: 19.612 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079153.D
Acq: 02 Sep 2023 19:11

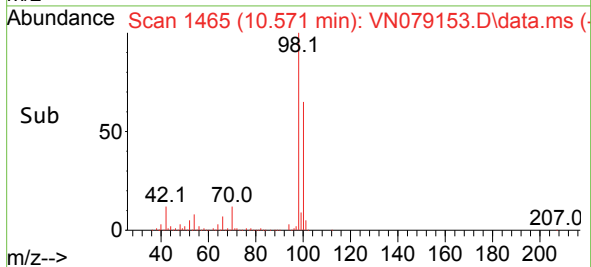
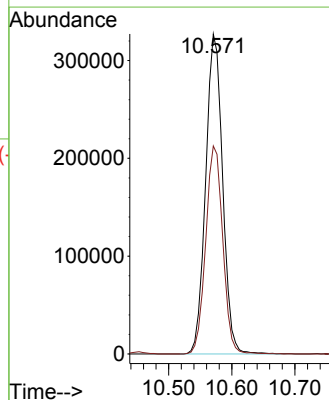
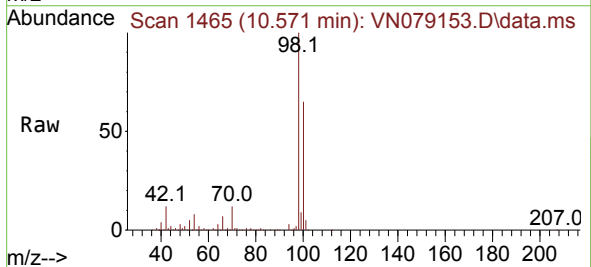
Instrument :
MSVOA_N
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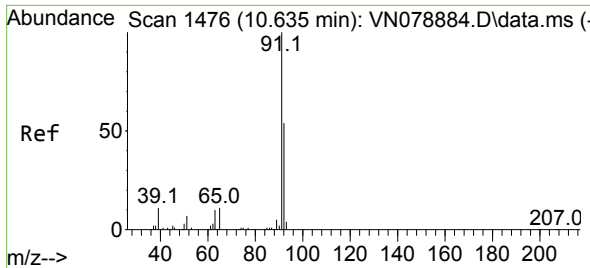
Tgt Ion: 43 Resp: 194679
Ion Ratio Lower Upper
43 100
61 15.8 24.7 37.1#
87 9.9 14.6 21.8#



#50
Toluene-d8
Concen: 49.310 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079153.D
Acq: 02 Sep 2023 19:11

Tgt Ion: 98 Resp: 610948
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

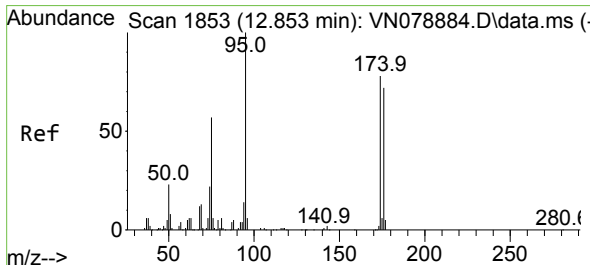
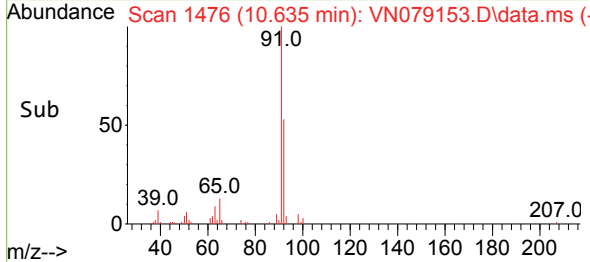
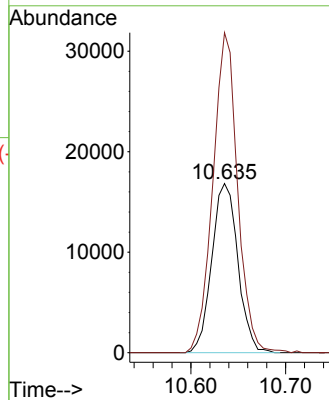
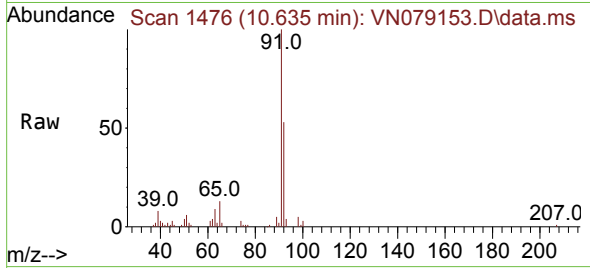




#52
Toluene
Concen: 3.527 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079153.D
Acq: 02 Sep 2023 19:11

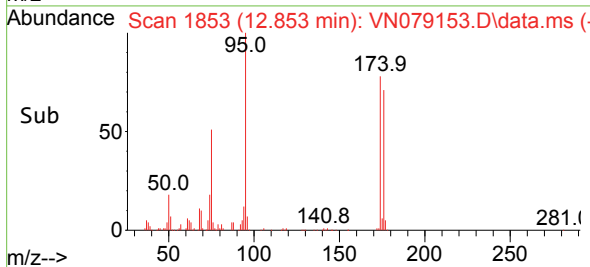
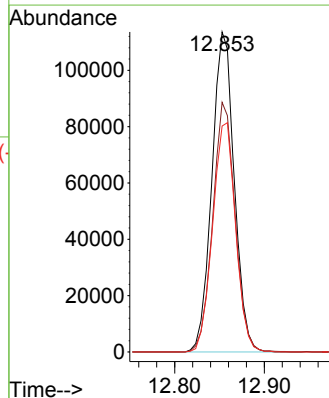
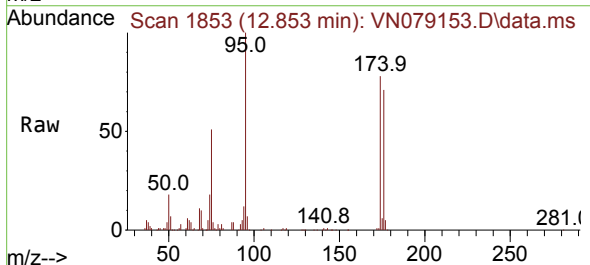
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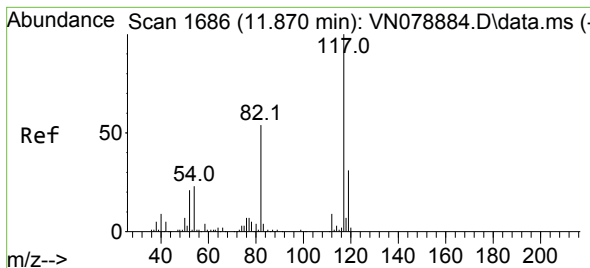
Tgt Ion: 92 Resp: 32124
Ion Ratio Lower Upper
92 100
91 179.9 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 48.423 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079153.D
Acq: 02 Sep 2023 19:11

Tgt Ion: 95 Resp: 196100
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 73.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079153.D

Acq: 02 Sep 2023 19:11

Instrument :

MSVOA_N

ClientSampleId :

RT2683

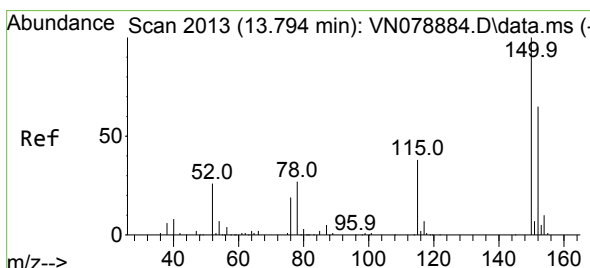
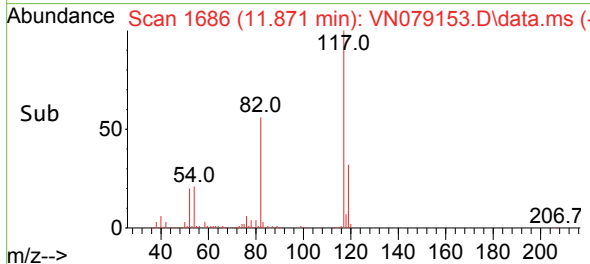
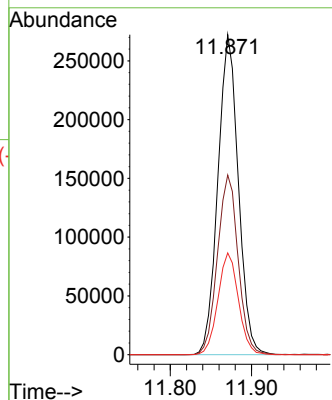
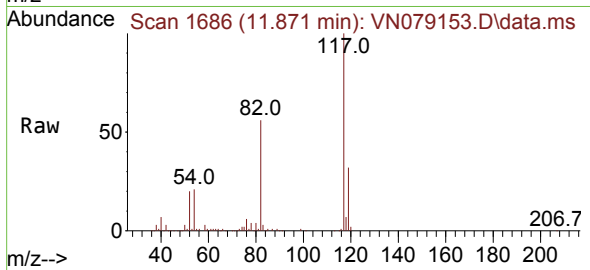
Tgt Ion:117 Resp: 477028

Ion Ratio Lower Upper

117 100

82 56.2 44.0 66.0

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079153.D

Acq: 02 Sep 2023 19:11

Tgt Ion:152 Resp: 151265

Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 158.9 0.0 355.8

