

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079147.D
 Acq On : 02 Sep 2023 16:47
 Operator : JC\MD
 Sample : PB155301ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#09

Quant Time: Sep 04 01:06:18 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)

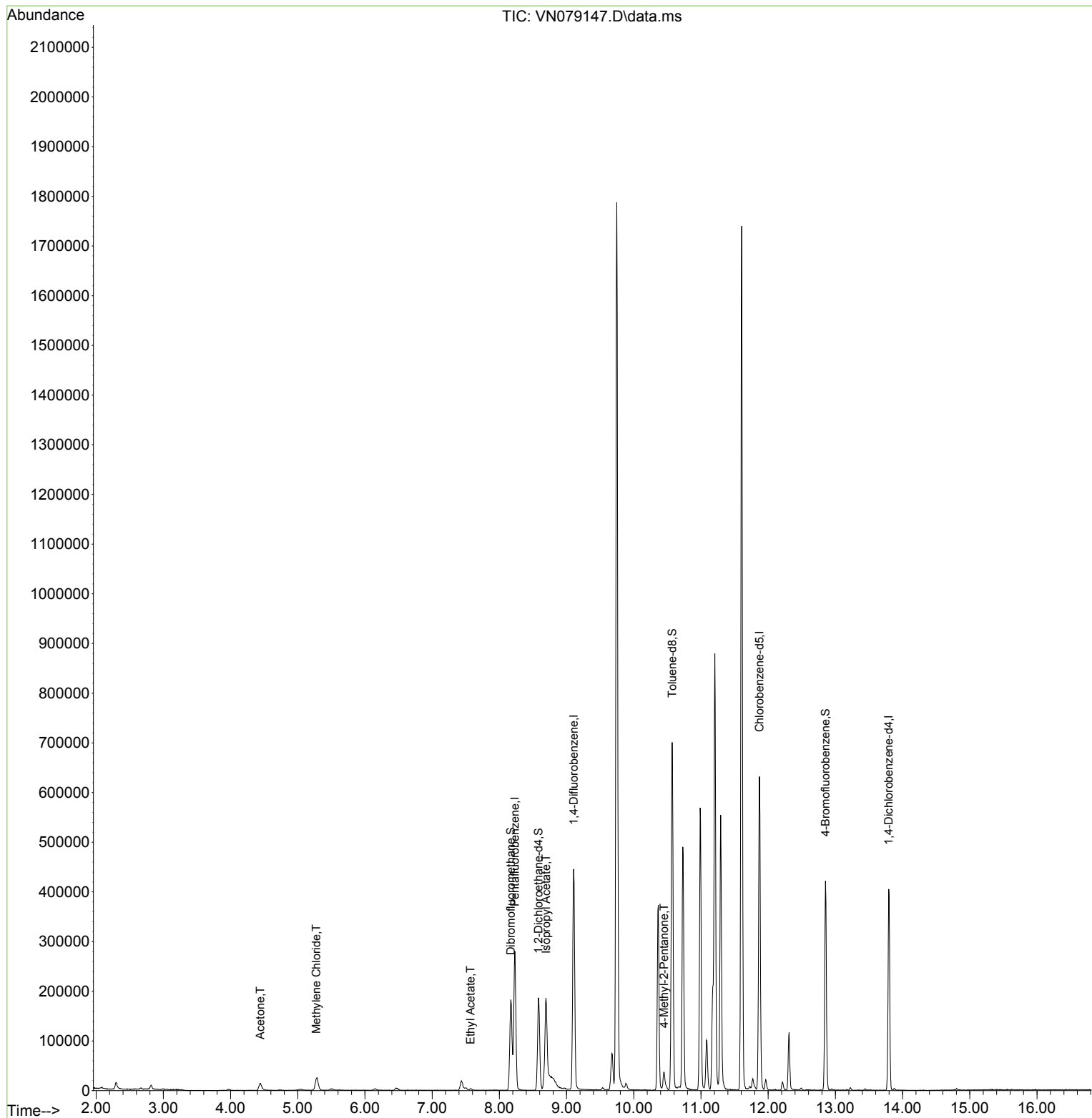
Internal Standards						
1) Pentafluorobenzene	8.230	168	203583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	390451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	378606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154018	48.618	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.240%
35) Dibromofluoromethane	8.171	113	133129	50.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	10.571	98	503512	51.594	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.853	95	150048	47.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.080%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	28393	21.722	ug/l	96
20) Methylene Chloride	5.277	84	20087	7.211	ug/l	92
37) Ethyl Acetate	7.571	43	4920	1.112	ug/l #	73
43) Isopropyl Acetate	8.694	43	237163	30.333	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	31651	6.825	ug/l #	81

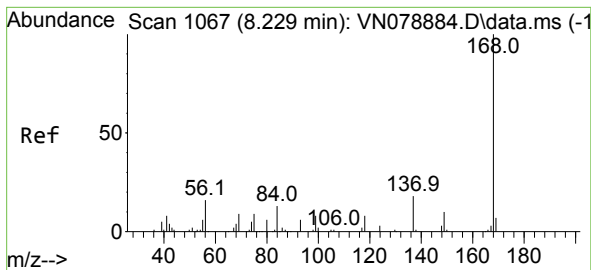
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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ClientSampleId :

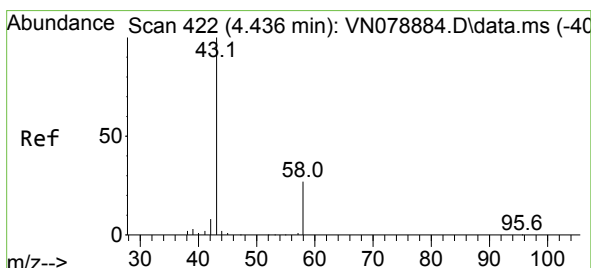
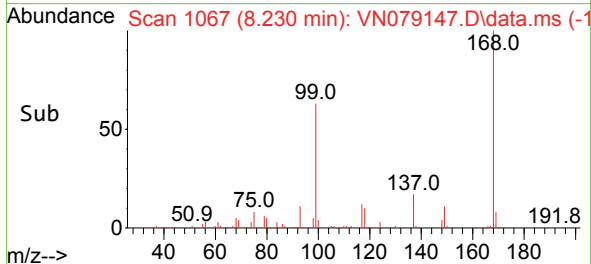
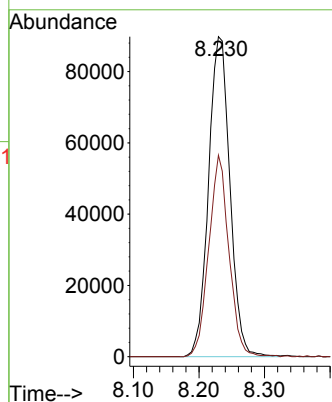
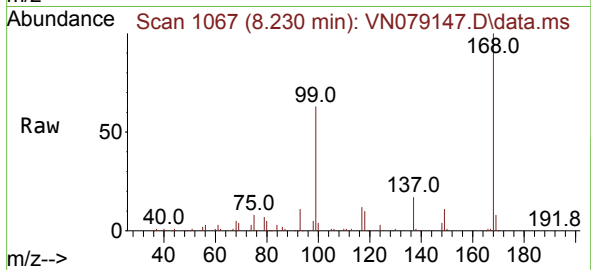
PB155301ZHE#09

Tgt Ion:168 Resp: 203583

Ion Ratio Lower Upper

168 100

99 62.9 53.0 79.6



#16

Acetone

Concen: 21.722 ug/l

RT: 4.442 min Scan# 423

Delta R.T. -0.000 min

Lab File: VN079147.D

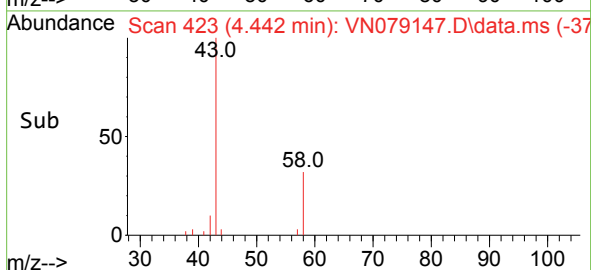
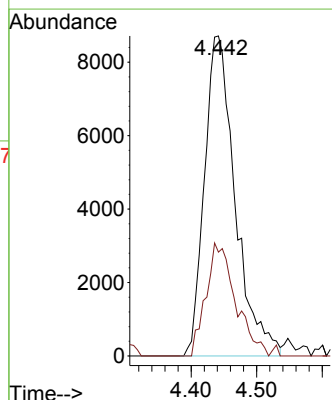
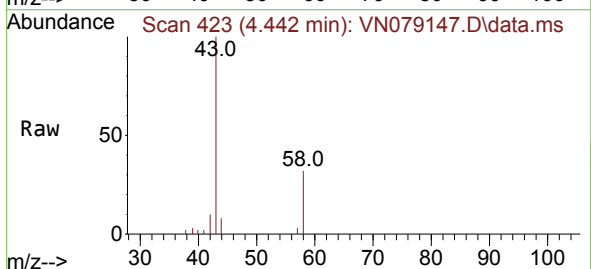
Acq: 02 Sep 2023 16:47

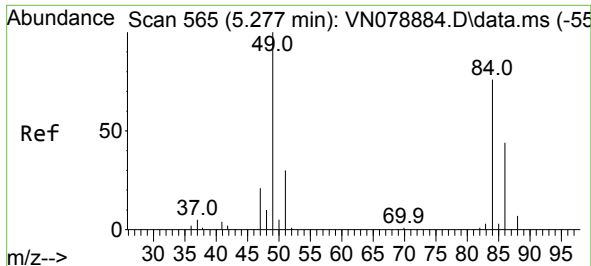
Tgt Ion: 43 Resp: 28393

Ion Ratio Lower Upper

43 100

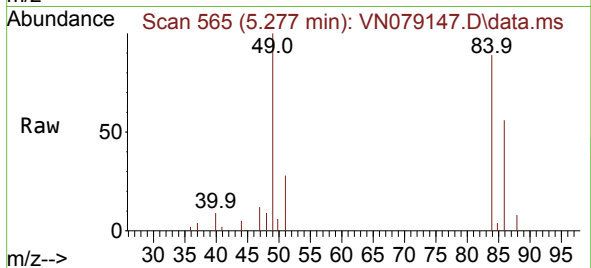
58 32.4 28.0 42.0



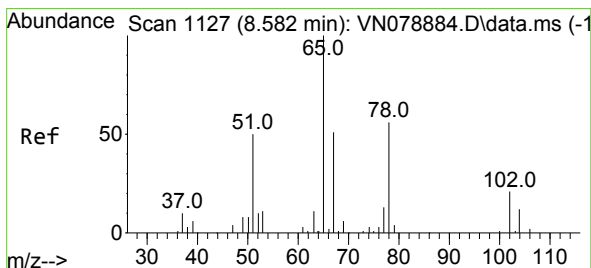
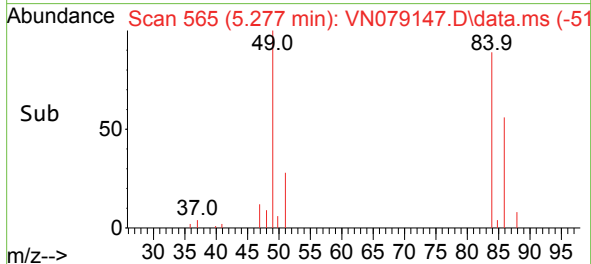
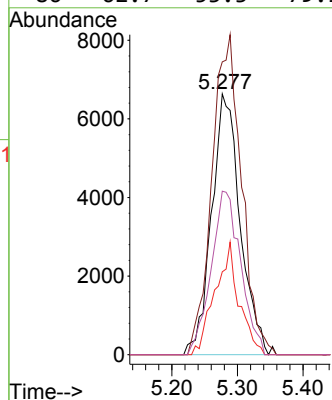


#20
Methylene Chloride
Concen: 7.211 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079147.D
Acq: 02 Sep 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#09

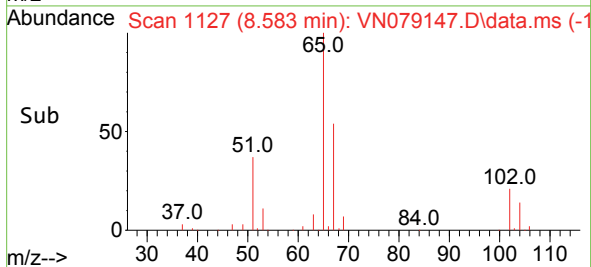
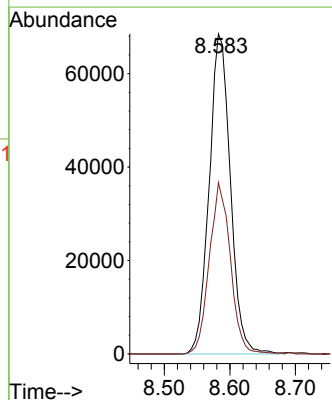
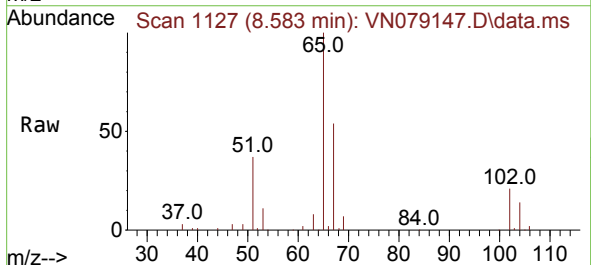


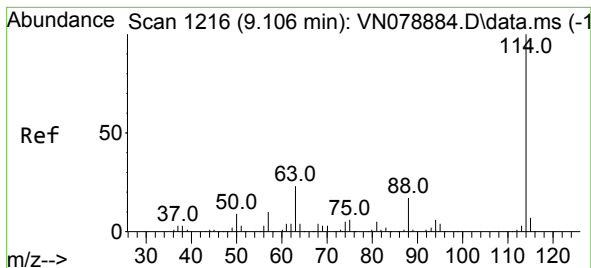
Tgt Ion: 84	Resp: 20087
Ion Ratio	Lower Upper
84 100	
49 112.2	79.7 119.5
51 31.8	25.2 37.8
86 62.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 48.618 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079147.D
Acq: 02 Sep 2023 16:47

Tgt Ion: 65	Resp: 154018
Ion Ratio	Lower Upper
65 100	
67 53.2	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: VN079147.D

Acq: 02 Sep 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#09

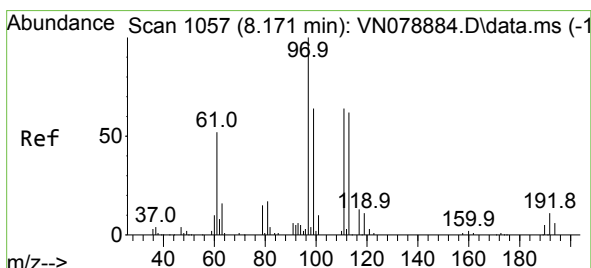
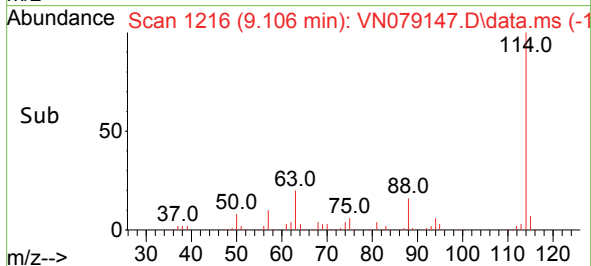
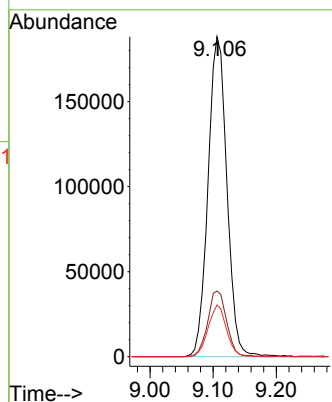
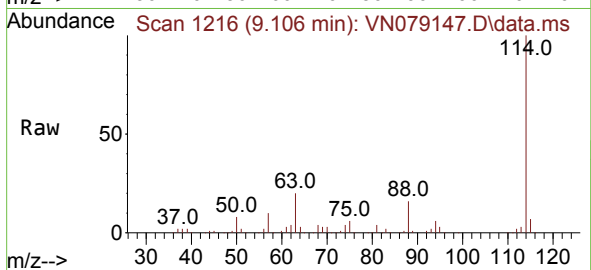
Tgt Ion:114 Resp: 390451

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.652 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079147.D

Acq: 02 Sep 2023 16:47

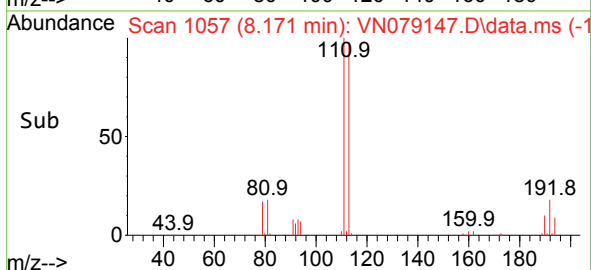
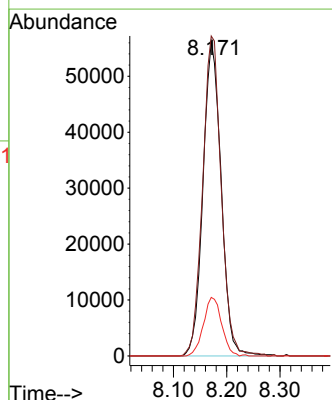
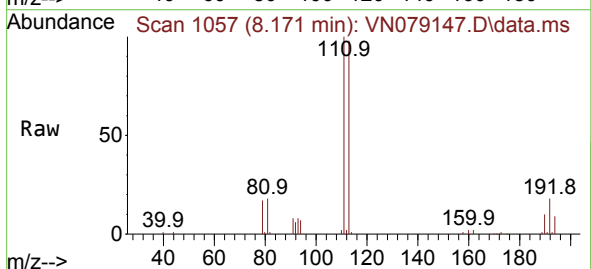
Tgt Ion:113 Resp: 133129

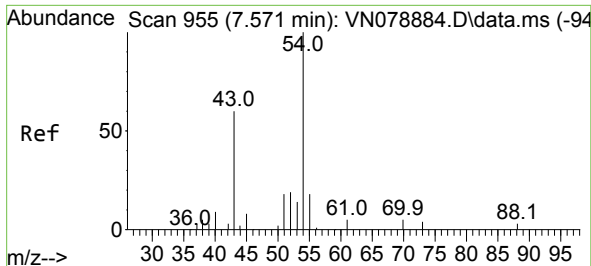
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

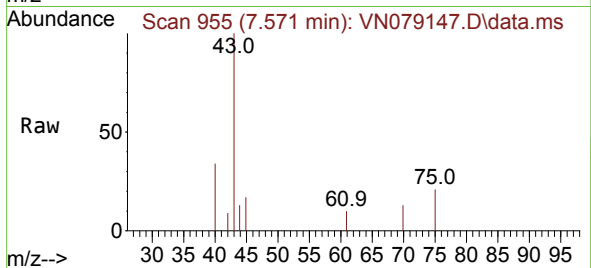
192 18.7 12.7 19.1



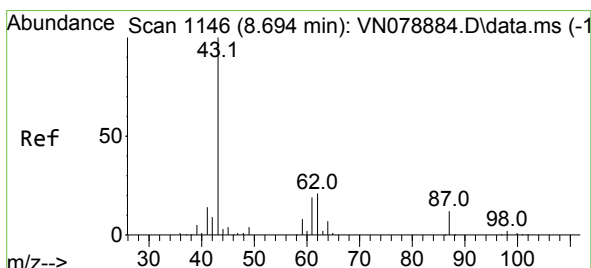
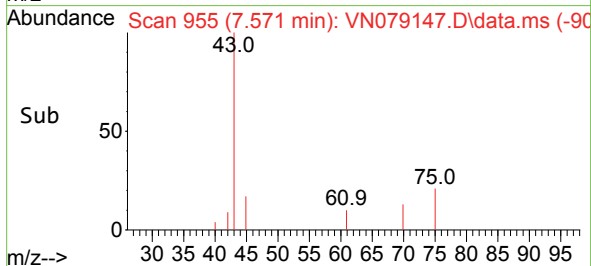
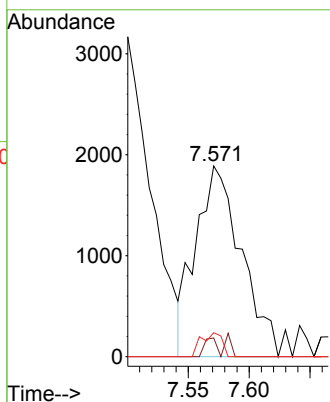


#37
Ethyl Acetate
Concen: 1.112 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079147.D
Acq: 02 Sep 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#09

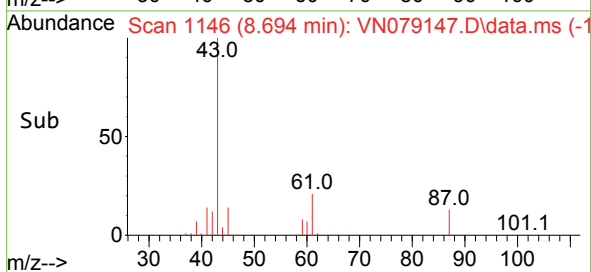
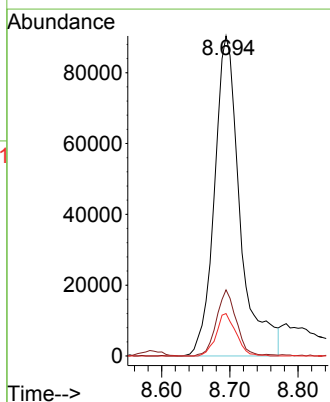
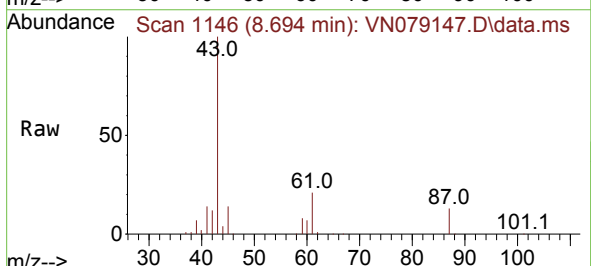


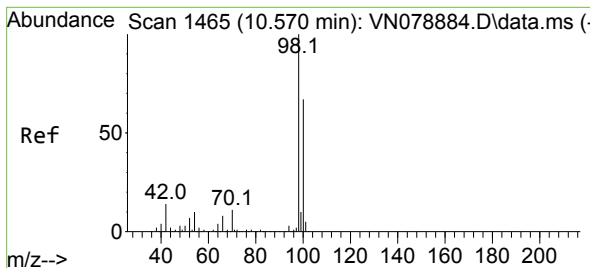
Tgt Ion: 43 Resp: 4920
Ion Ratio Lower Upper
43 100
61 2.6 13.2 19.8#
70 5.7 11.3 16.9#



#43
Isopropyl Acetate
Concen: 30.333 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079147.D
Acq: 02 Sep 2023 16:47

Tgt Ion: 43 Resp: 237163
Ion Ratio Lower Upper
43 100
61 15.9 24.7 37.1#
87 10.2 14.6 21.8#





#50

Toluene-d8

Concen: 51.594 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079147.D

Acq: 02 Sep 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

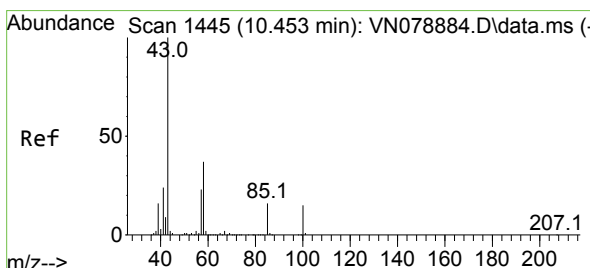
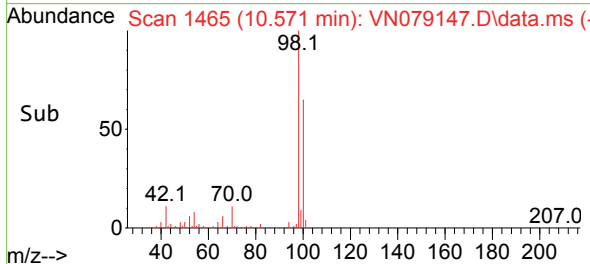
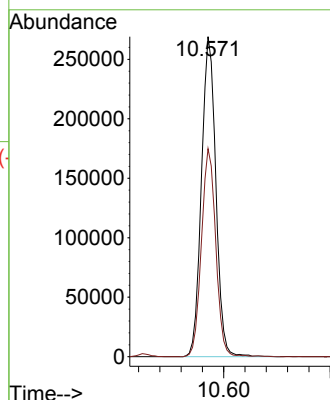
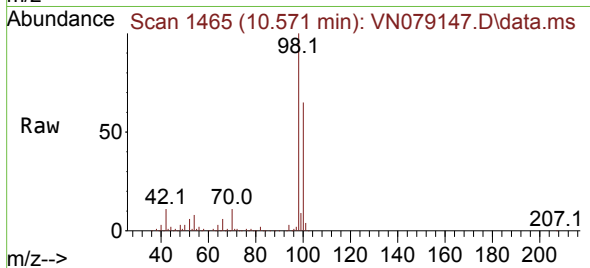
PB155301ZHE#09

Tgt Ion: 98 Resp: 503512

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 6.825 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VN079147.D

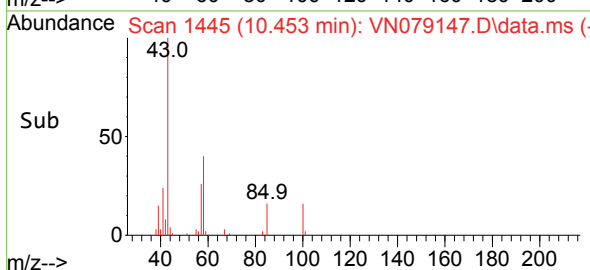
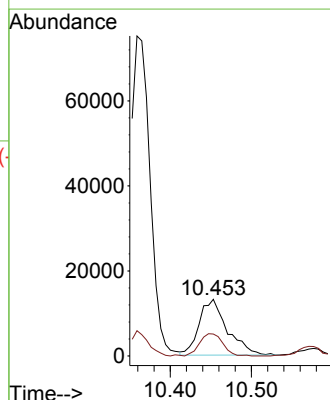
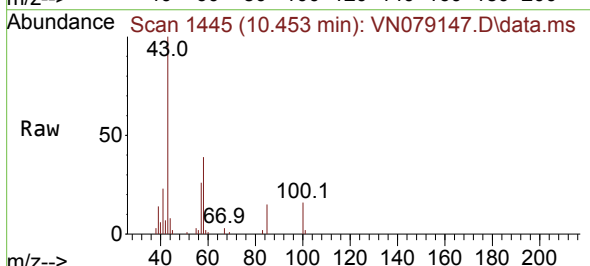
Acq: 02 Sep 2023 16:47

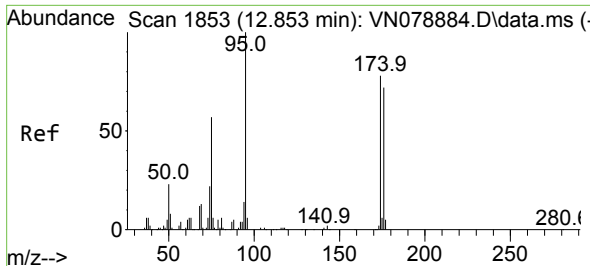
Tgt Ion: 43 Resp: 31651

Ion Ratio Lower Upper

43 100

58 33.4 36.6 54.8#

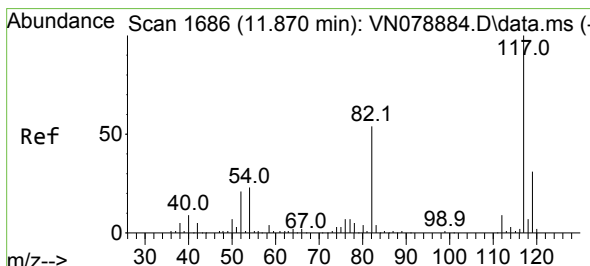
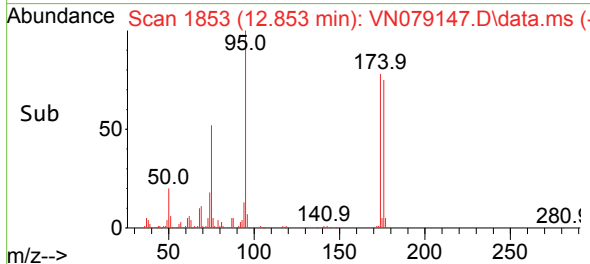
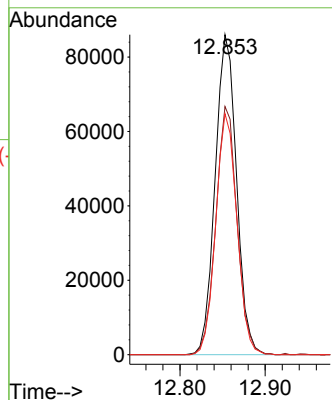
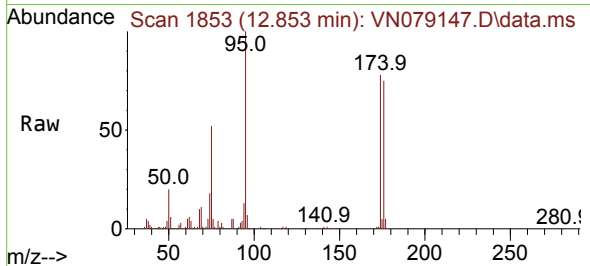




#62
4-Bromofluorobenzene
Concen: 47.039 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079147.D
Acq: 02 Sep 2023 16:47

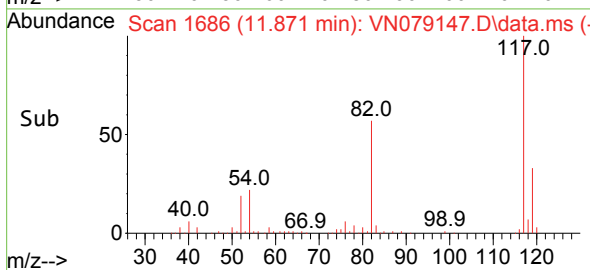
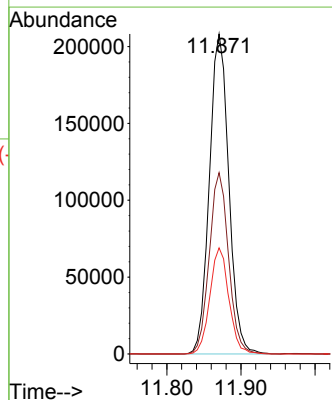
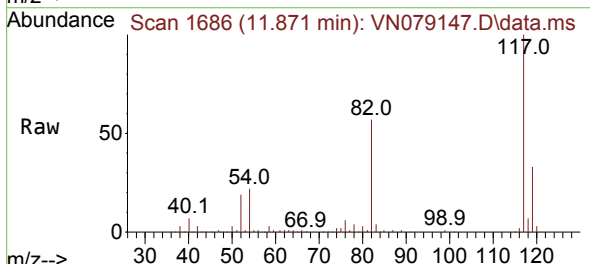
Instrument :
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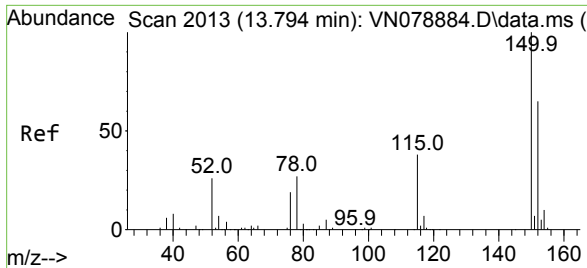
Tgt Ion: 95 Resp: 150048
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 74.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079147.D
Acq: 02 Sep 2023 16:47

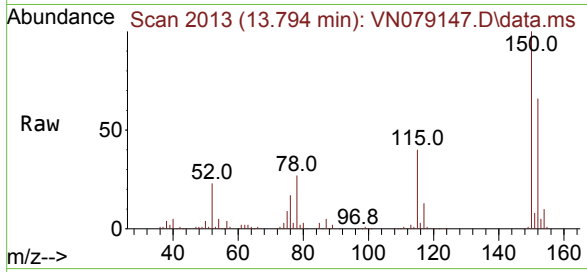
Tgt Ion: 117 Resp: 378606
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 33.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079147.D
 Acq: 02 Sep 2023 16:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#09



Tgt Ion:152 Resp: 113371
 Ion Ratio Lower Upper
 152 100
 115 60.4 32.3 96.8
 150 153.5 0.0 355.8

