

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079141.D
 Acq On : 02 Sep 2023 14:23
 Operator : JC\MD
 Sample : PB155301ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155301ZHE#03

Quant Time: Sep 04 01:03:40 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)

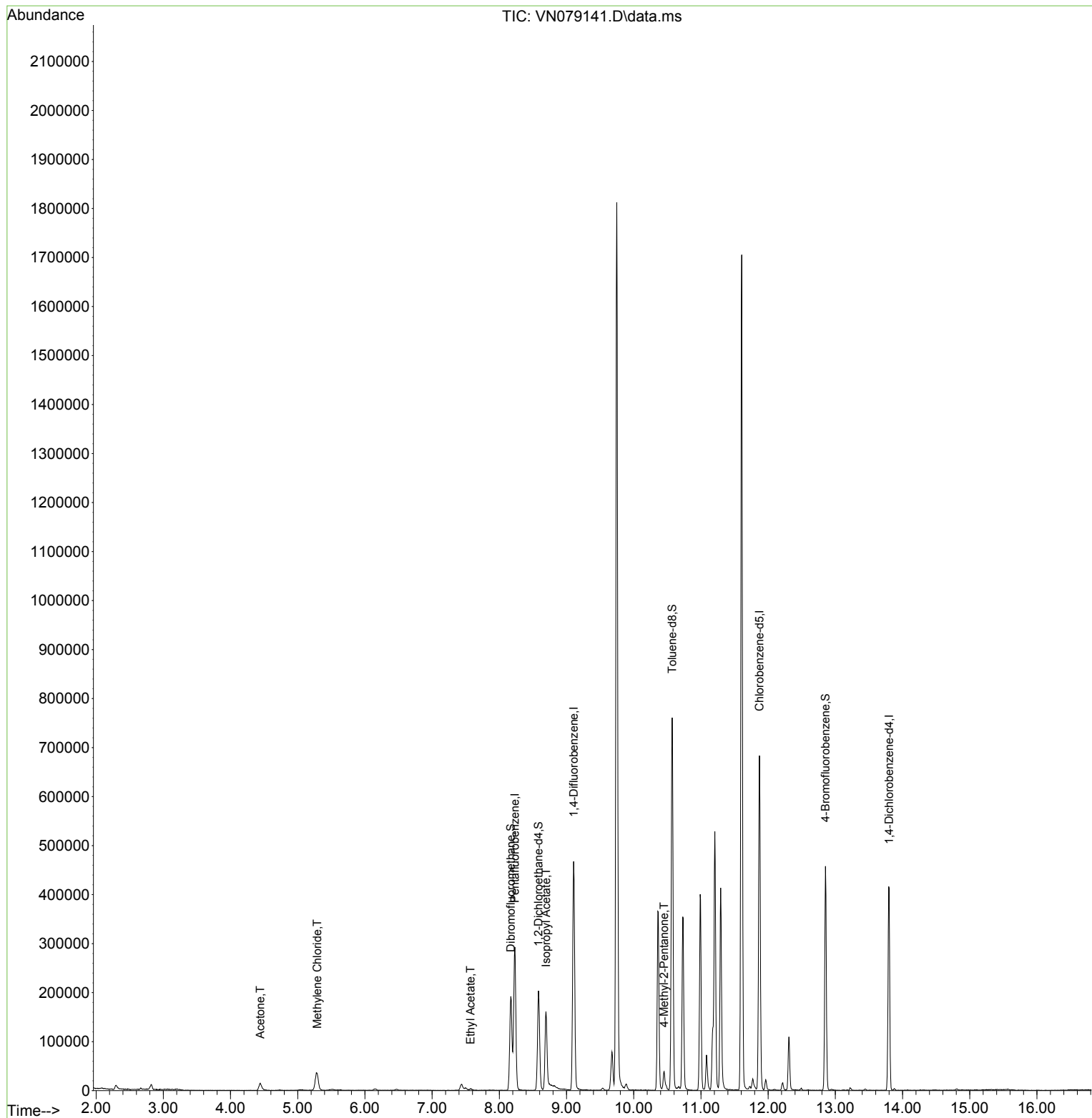
Internal Standards						
1) Pentafluorobenzene	8.230	168	216781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	413338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	405596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	117634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	164042	48.630	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.260%
35) Dibromofluoromethane	8.171	113	140813	50.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.220%
50) Toluene-d8	10.571	98	537268	52.004	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.000%
62) 4-Bromofluorobenzene	12.853	95	159863	47.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.680%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	29006	20.840	ug/l	92
20) Methylene Chloride	5.289	84	28913	9.748	ug/l	89
37) Ethyl Acetate	7.571	43	4879	1.042	ug/l #	79
43) Isopropyl Acetate	8.694	43	184077	22.240	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	30805	6.275	ug/l #	83

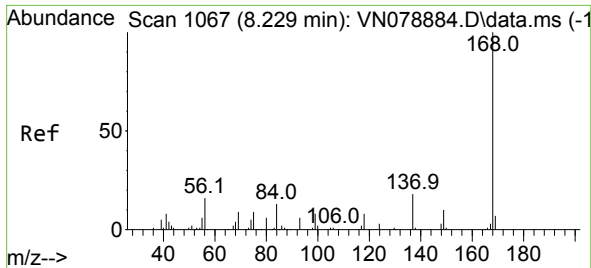
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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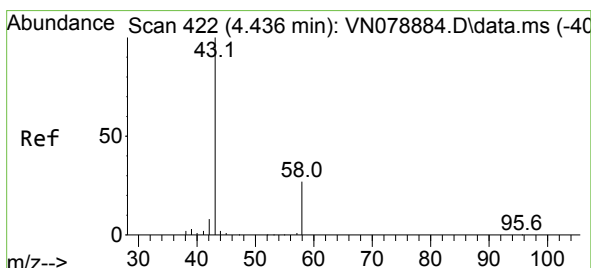
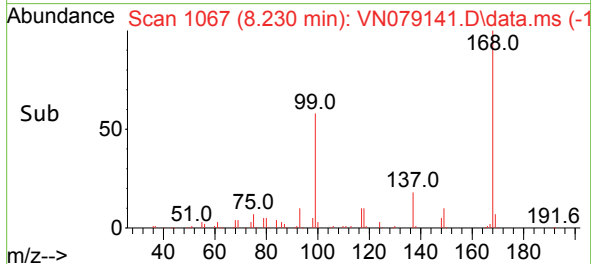
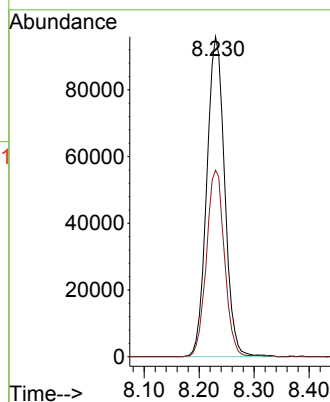
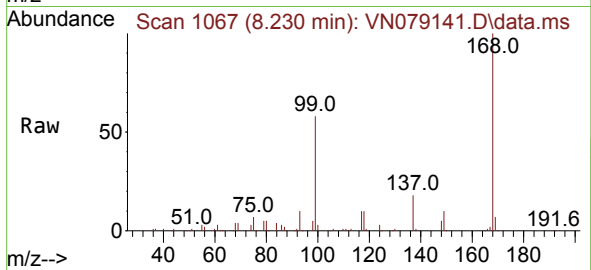




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

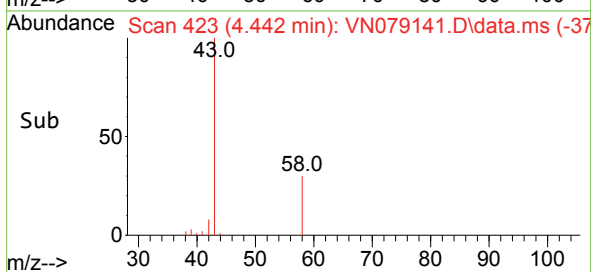
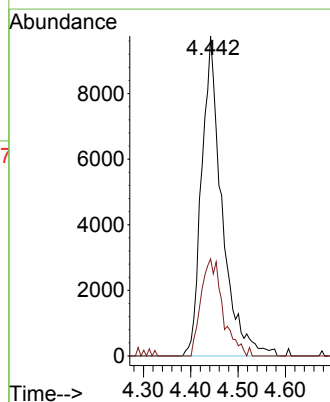
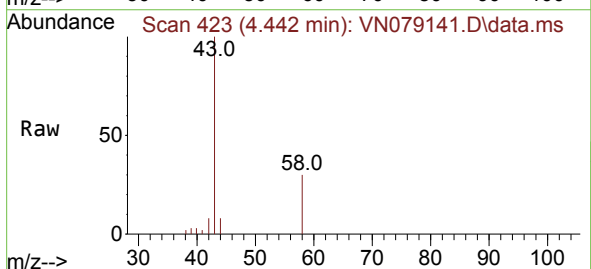
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#03

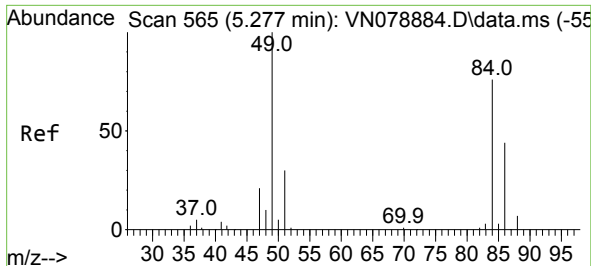
Tgt Ion:168 Resp: 216781
Ion Ratio Lower Upper
168 100
99 58.3 53.0 79.6



#16
Acetone
Concen: 20.840 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

Tgt Ion: 43 Resp: 29006
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0

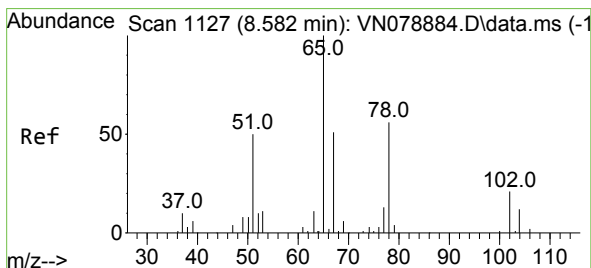
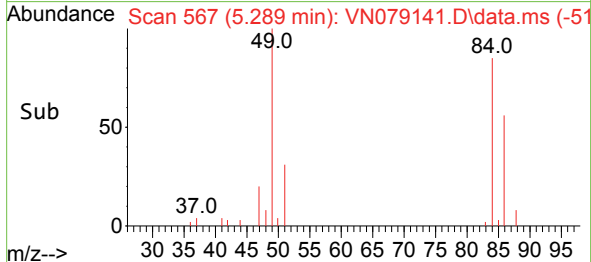
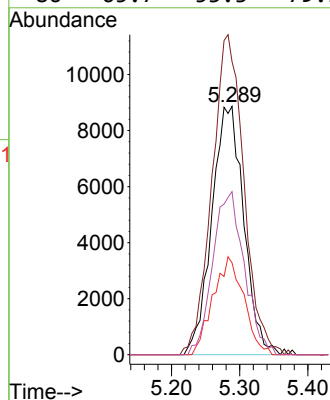
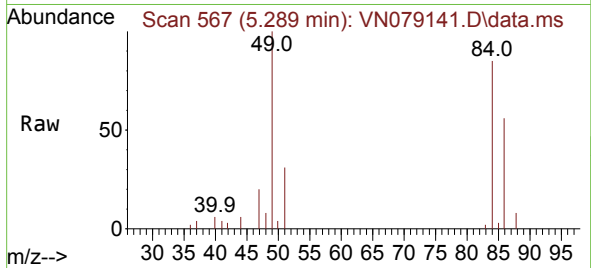




#20
Methylene Chloride
Concen: 9.748 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

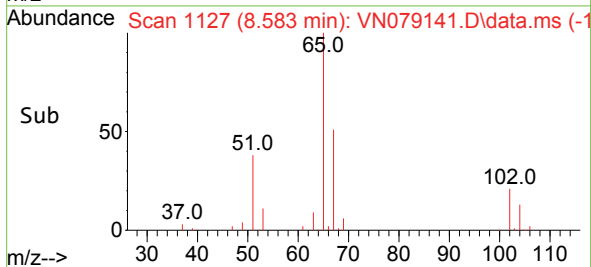
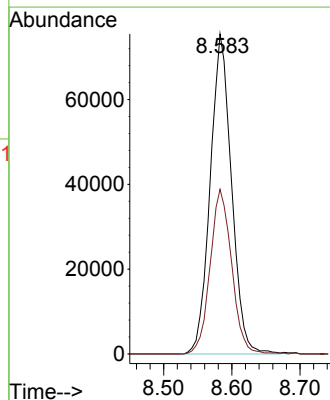
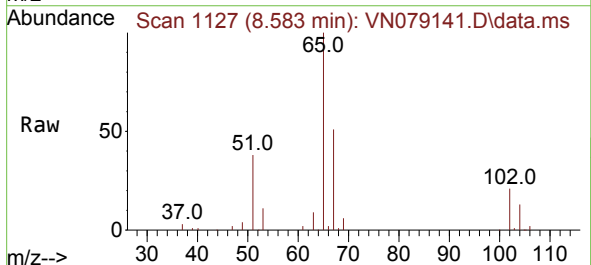
Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#03

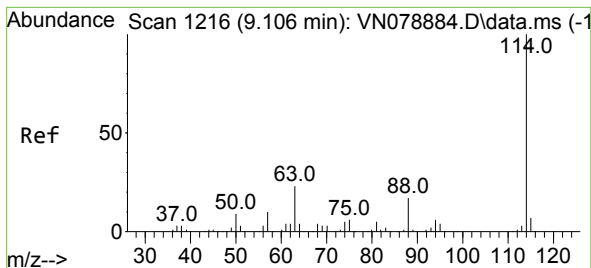
Tgt Ion: 84	Resp: 28913
Ion Ratio	Lower Upper
84 100	
49 118.0	79.7 119.5
51 37.0	25.2 37.8
86 65.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 48.630 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

Tgt Ion: 65	Resp: 164042
Ion Ratio	Lower Upper
65 100	
67 52.0	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: VN079141.D

Acq: 02 Sep 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

PB155301ZHE#03

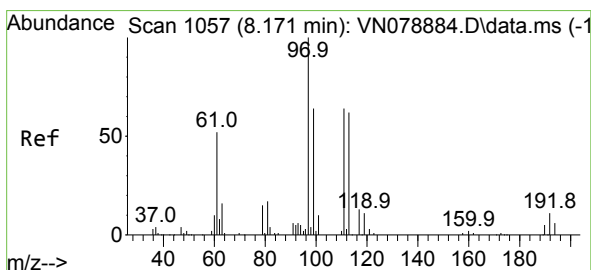
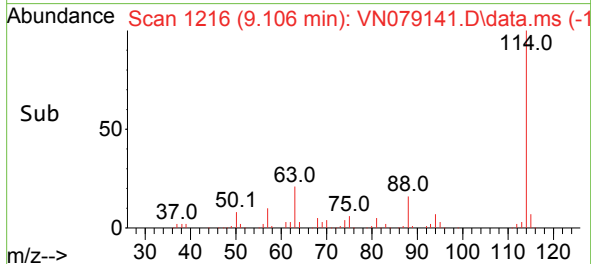
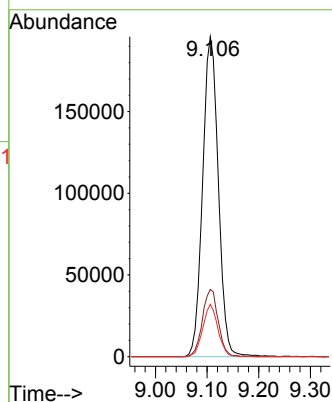
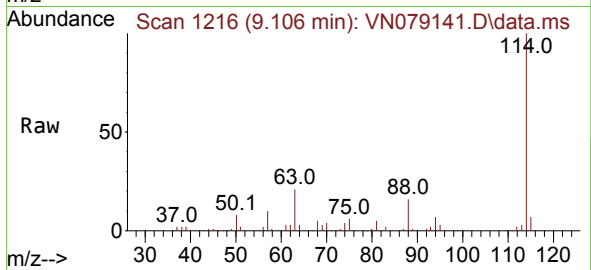
Tgt Ion:114 Resp: 413338

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.609 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079141.D

Acq: 02 Sep 2023 14:23

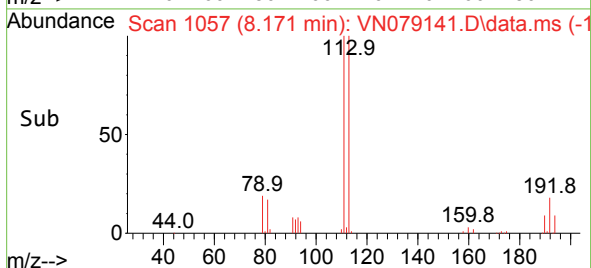
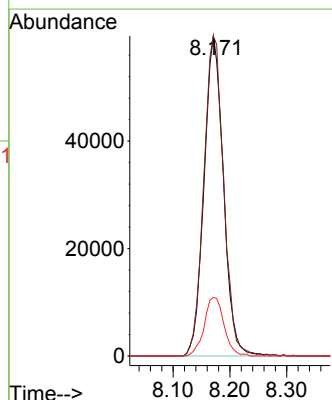
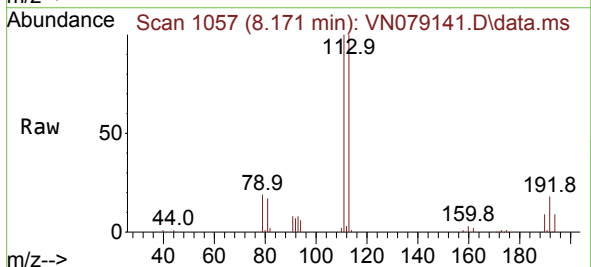
Tgt Ion:113 Resp: 140813

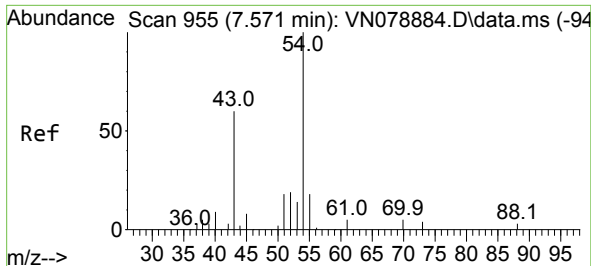
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 18.7 12.7 19.1

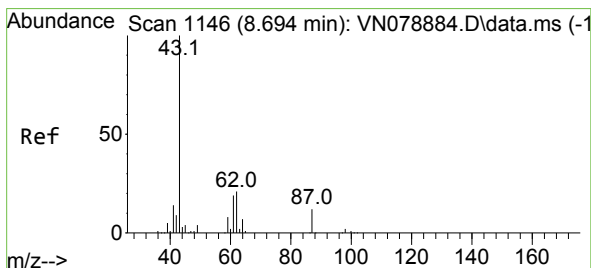
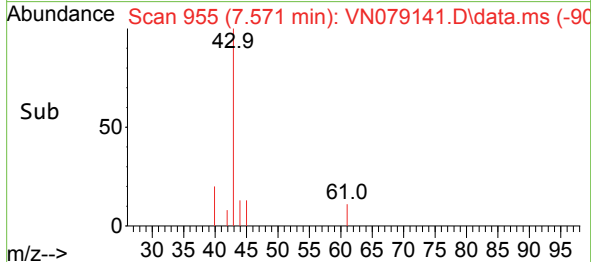
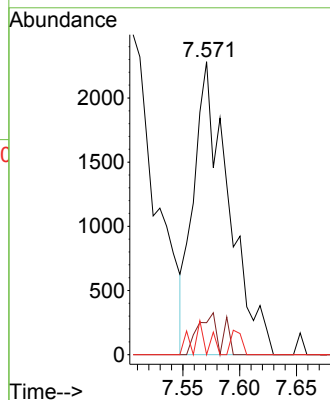
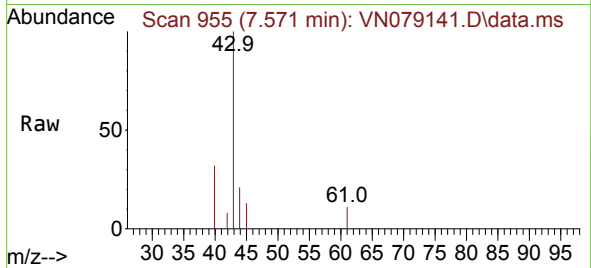




#37
Ethyl Acetate
Concen: 1.042 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

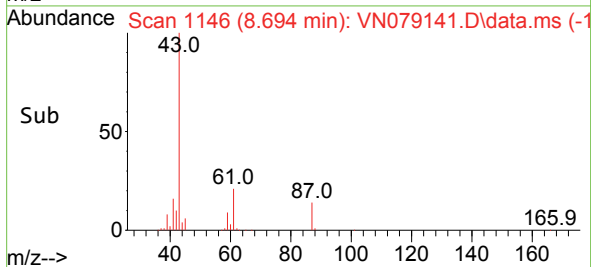
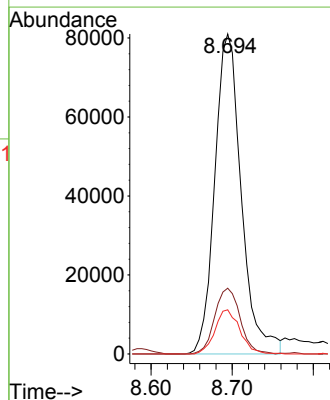
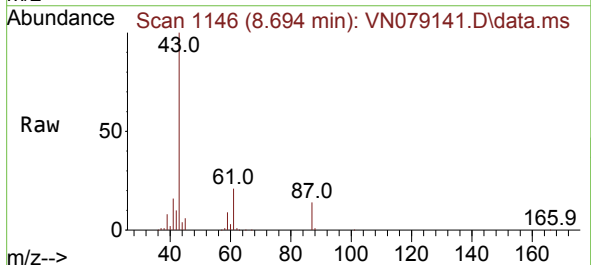
Instrument :
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PB155301ZHE#03

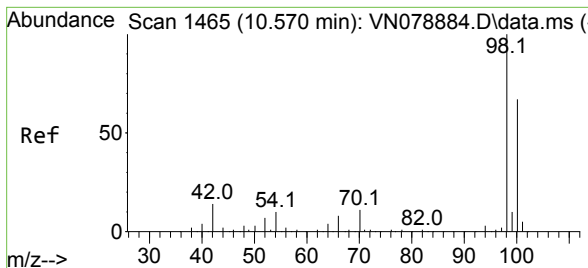
Tgt Ion: 43 Resp: 4879
Ion Ratio Lower Upper
43 100
61 9.2 13.2 19.8#
70 3.2 11.3 16.9#



#43
Isopropyl Acetate
Concen: 22.240 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

Tgt Ion: 43 Resp: 184077
Ion Ratio Lower Upper
43 100
61 19.6 24.7 37.1#
87 13.0 14.6 21.8#

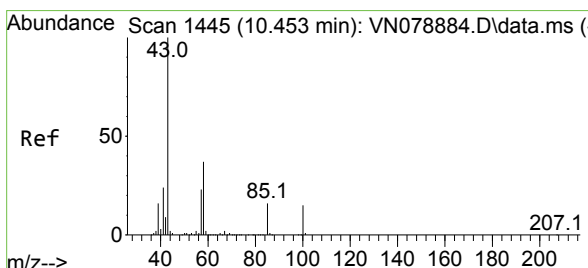
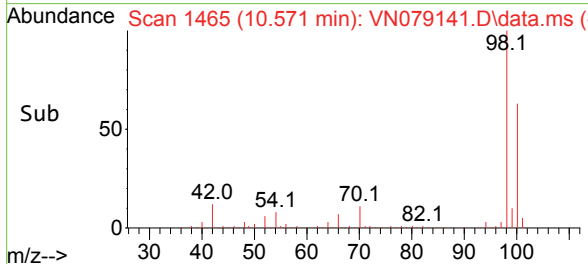
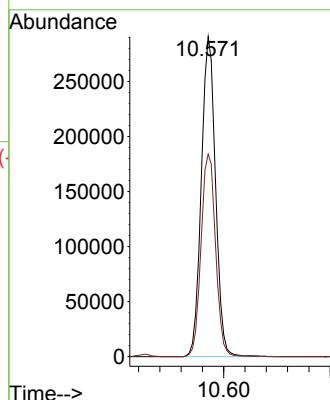
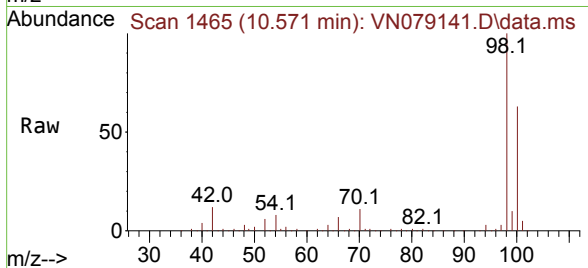




#50
Toluene-d8
Concen: 52.004 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

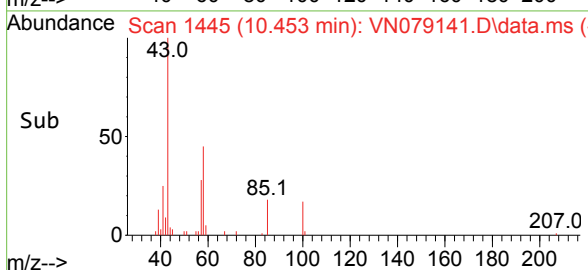
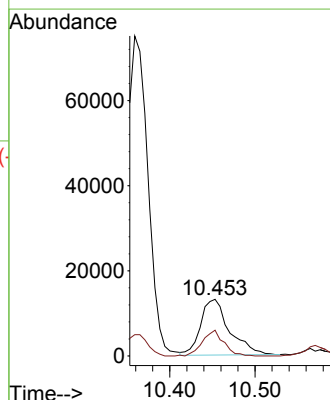
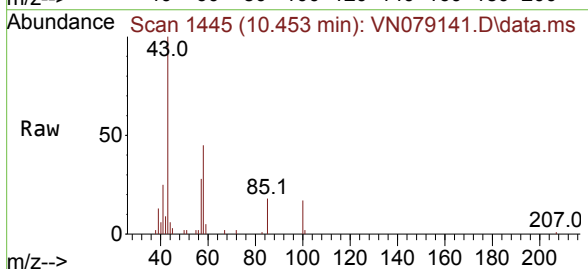
Instrument :
MSVOA_N
ClientSampleId :
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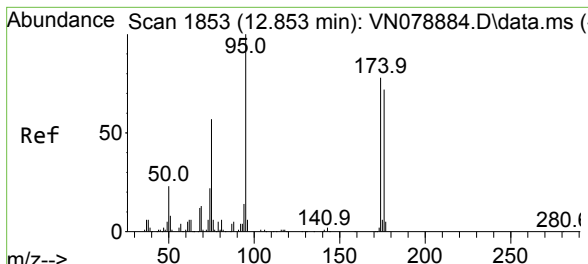
Tgt Ion: 98 Resp: 537268
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 6.275 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

Tgt Ion: 43 Resp: 30805
Ion Ratio Lower Upper
43 100
58 34.3 36.6 54.8#

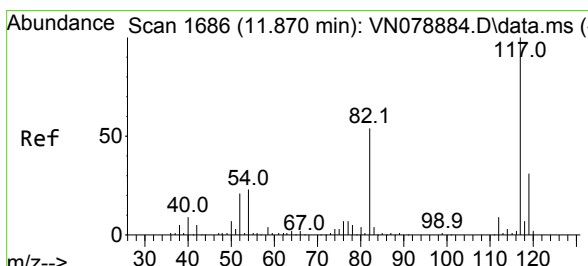
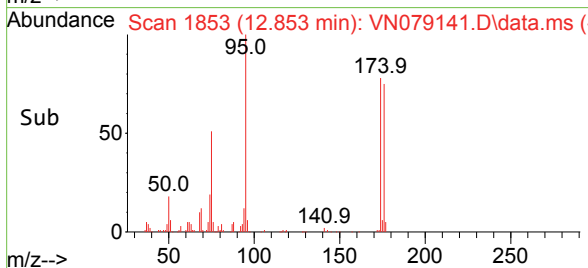
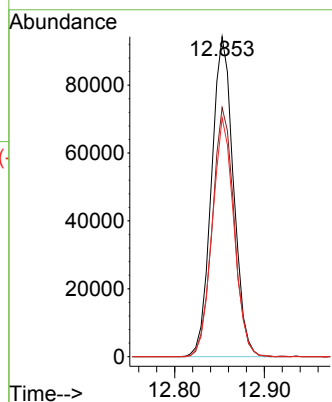
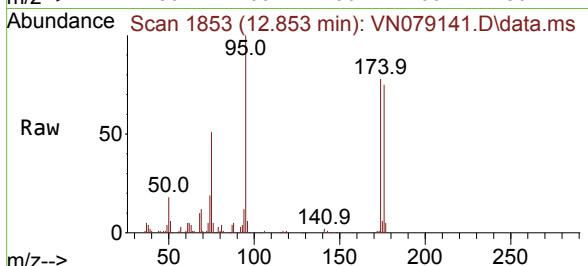




#62
4-Bromofluorobenzene
Concen: 47.341 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

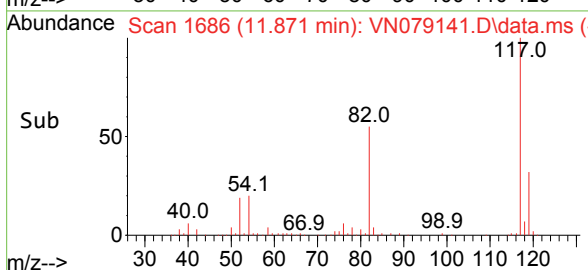
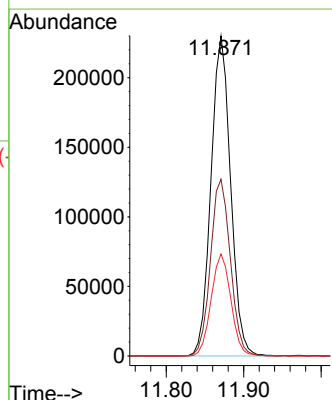
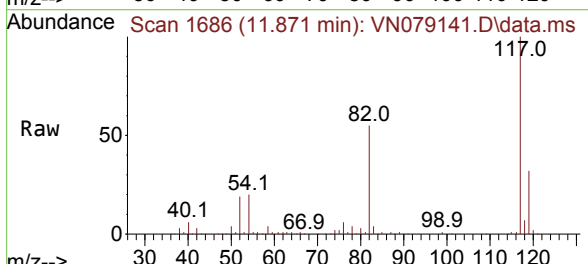
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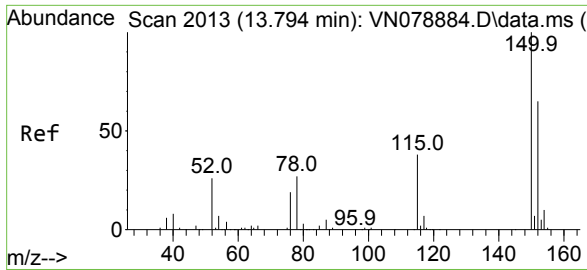
Tgt Ion: 95 Resp: 159863
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 74.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

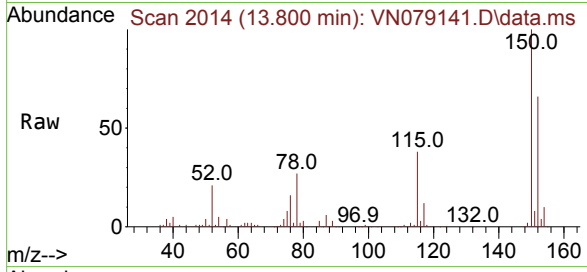
Tgt Ion: 117 Resp: 405596
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 31.8 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079141.D
Acq: 02 Sep 2023 14:23

Instrument :
MSVOA_N
ClientSampleId :
PB155301ZHE#03



Tgt Ion:152 Resp: 117634
Ion Ratio Lower Upper
152 100
115 59.6 32.3 96.8
150 155.6 0.0 355.8

