

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079279.D
 Acq On : 15 Sep 2023 18:07
 Operator : JC\MD
 Sample : PB155573ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#03

Quant Time: Sep 16 01:56:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

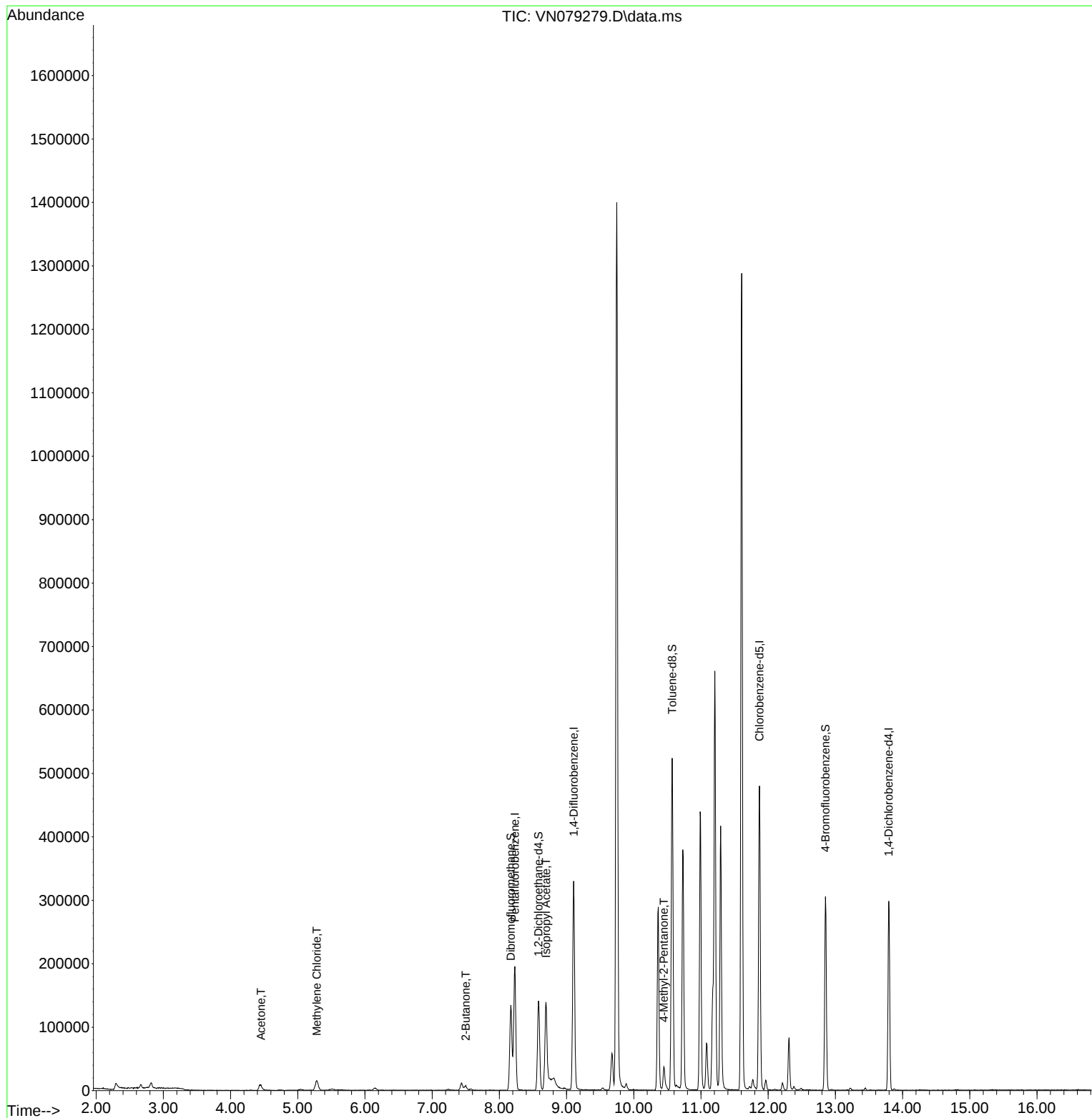
Internal Standards						
1) Pentafluorobenzene	8.230	168	133095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	271674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	75991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116275	64.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.440%#	
35) Dibromofluoromethane	8.171	113	95800	52.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.760%	
50) Toluene-d8	10.571	98	359648	54.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.140%	
62) 4-Bromofluorobenzene	12.853	95	105349	49.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	18447	24.175	ug/l	89
20) Methylene Chloride	5.283	84	11965	6.444	ug/l #	85
25) 2-Butanone	7.500	43	11232	10.145	ug/l #	84
43) Isopropyl Acetate	8.694	43	172721	38.005	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	30353	11.505	ug/l #	79

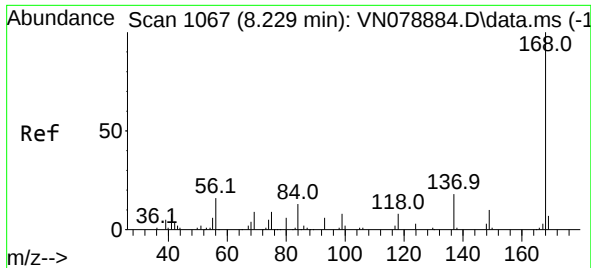
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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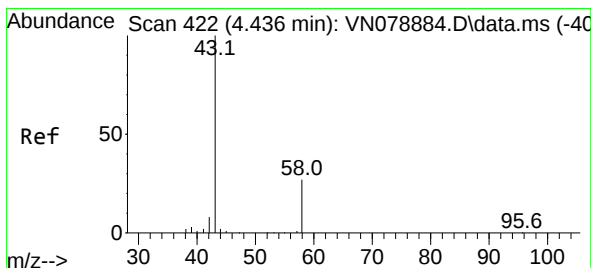
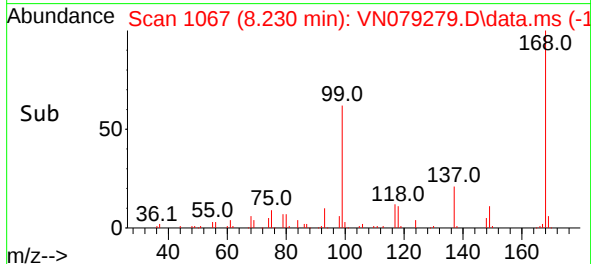
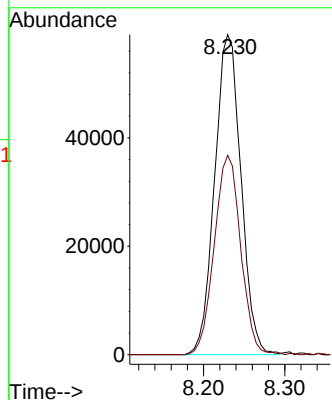
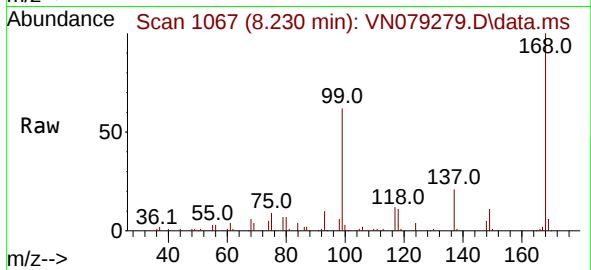




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

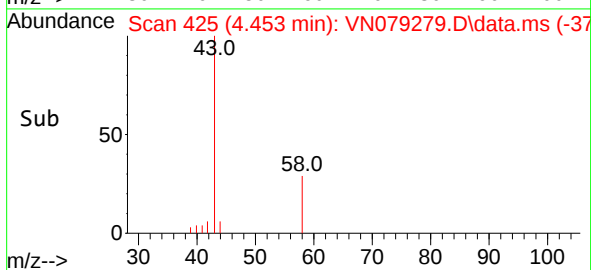
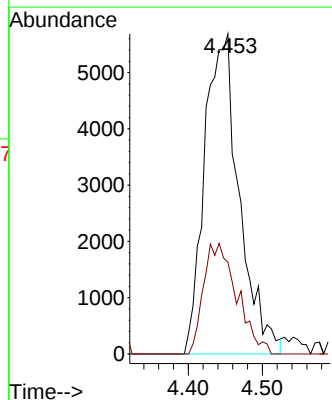
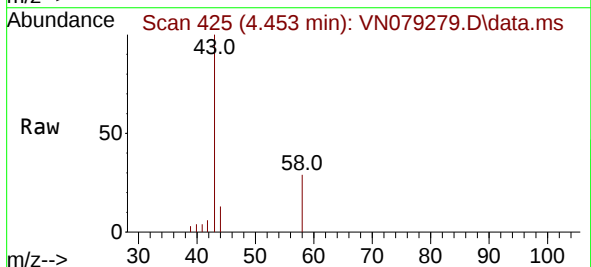
Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#03

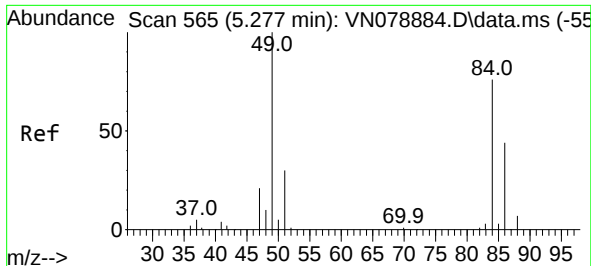
Tgt Ion:168 Resp: 133095
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#16
Acetone
Concen: 24.175 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion: 43 Resp: 18447
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0

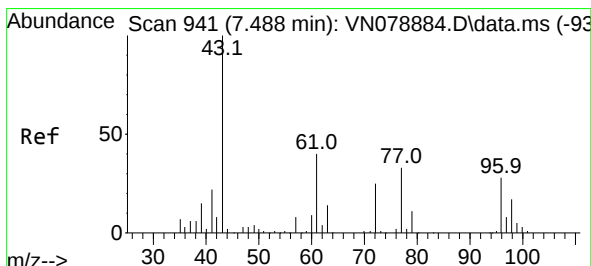
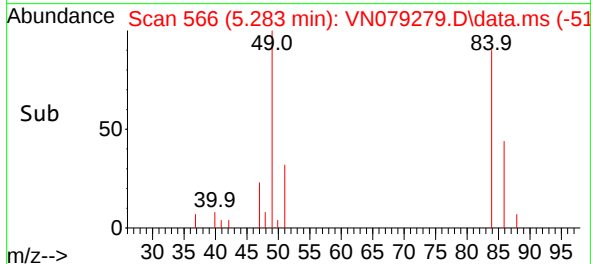
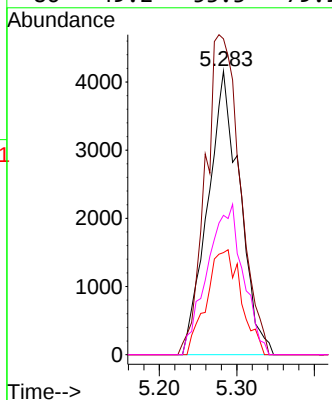
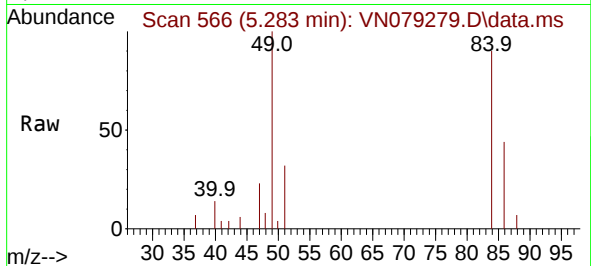




#20
Methylene Chloride
Concen: 6.444 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

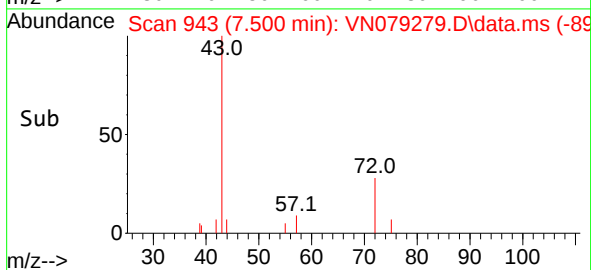
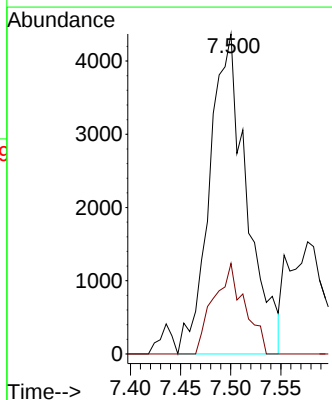
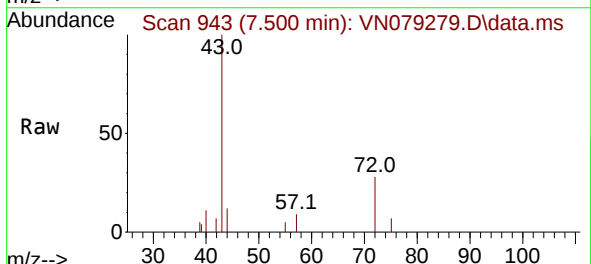
Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#03

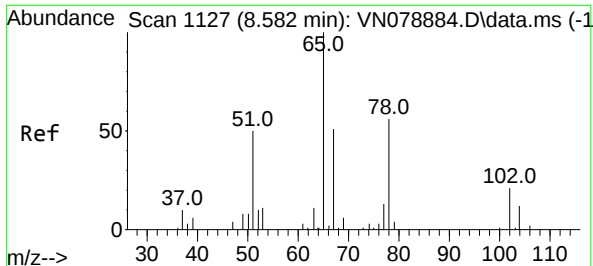
Tgt Ion:	84	Resp:	11965
Ion	Ratio	Lower	Upper
84	100		
49	111.4	79.7	119.5
51	36.0	25.2	37.8
86	49.2	53.3	79.9#



#25
2-Butanone
Concen: 10.145 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion:	43	Resp:	11232
Ion	Ratio	Lower	Upper
43	100		
72	28.3	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 64.717 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079279.D

Acq: 15 Sep 2023 18:07

Instrument :

MSVOA_N

ClientSampleId :

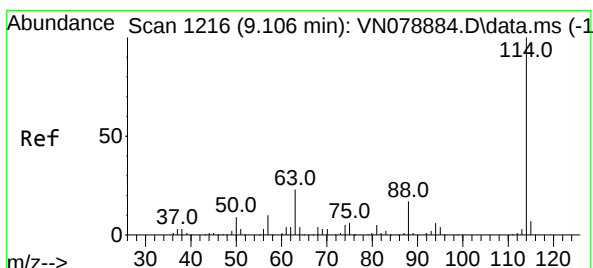
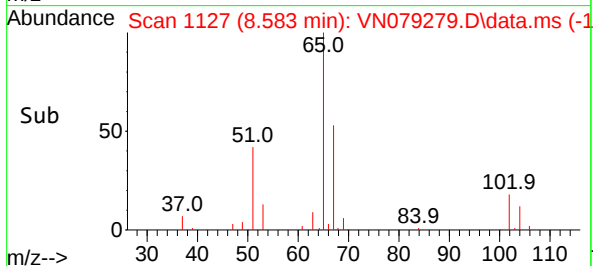
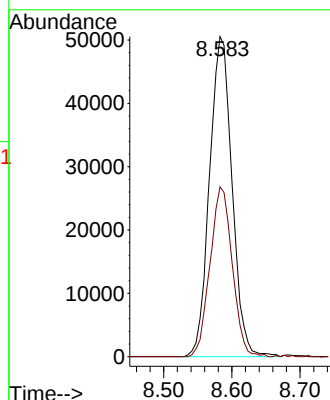
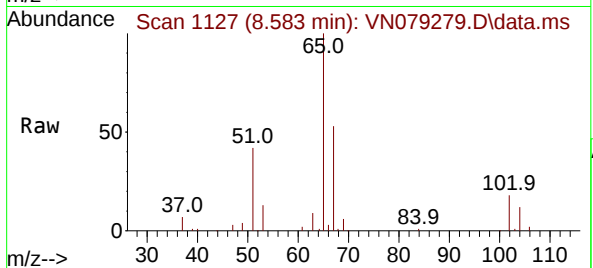
PB155573ZHE#03

Tgt Ion: 65 Resp: 116275

Ion Ratio Lower Upper

65 100

67 52.3 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: VN079279.D

Acq: 15 Sep 2023 18:07

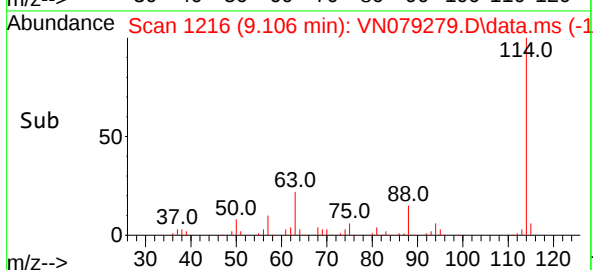
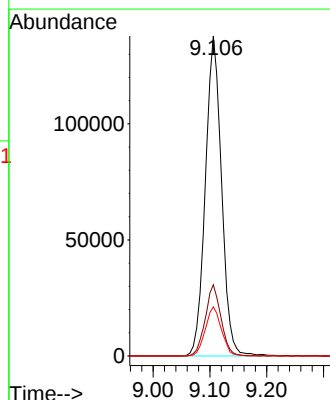
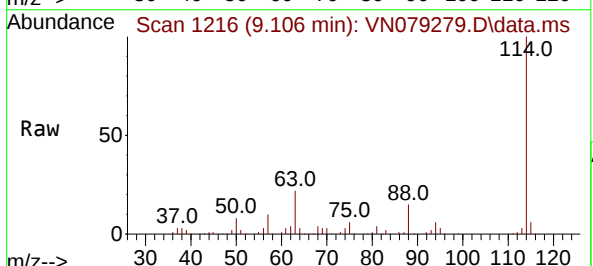
Tgt Ion: 114 Resp: 272355

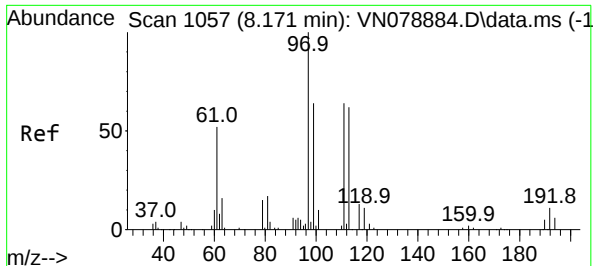
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.880 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN079279.D

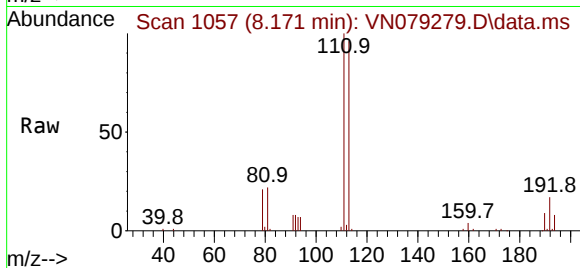
Acq: 15 Sep 2023 18:07

Instrument :

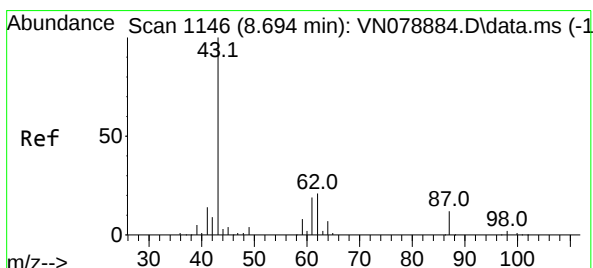
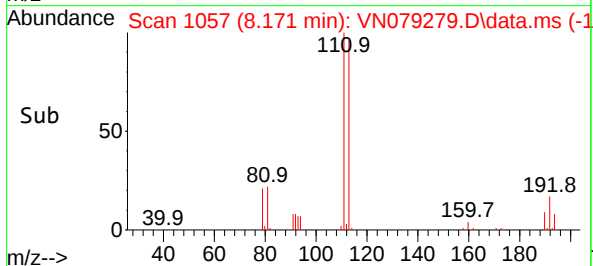
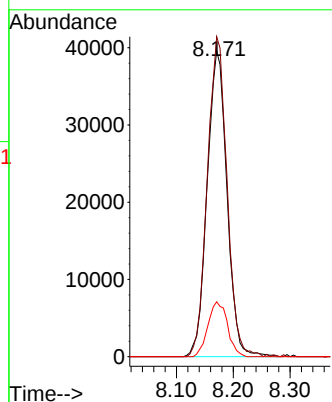
MSVOA_N

ClientSampleId :

PB155573ZHE#03



Tgt Ion:	113	Resp:	95800
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	17.7	12.7	19.1



#43

Isopropyl Acetate

Concen: 38.005 ug/l

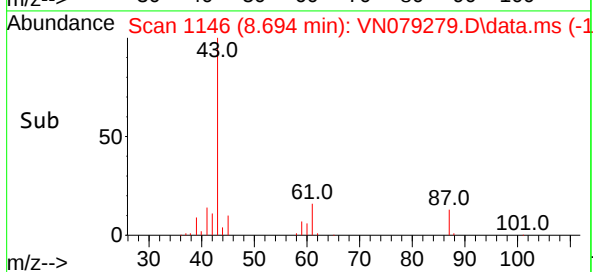
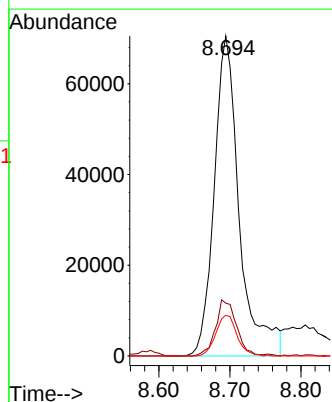
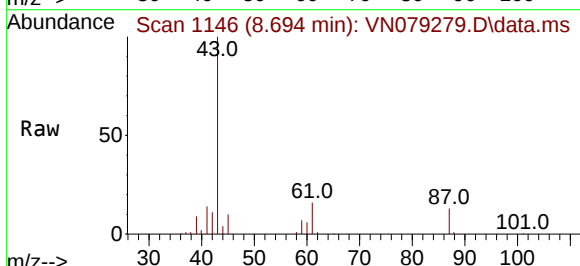
RT: 8.694 min Scan# 1146

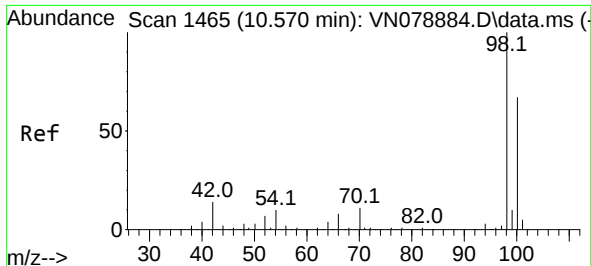
Delta R.T. 0.000 min

Lab File: VN079279.D

Acq: 15 Sep 2023 18:07

Tgt Ion:	43	Resp:	172721
Ion	Ratio	Lower	Upper
43	100		
61	14.6	24.7	37.1#
87	10.8	14.6	21.8#





#50

Toluene-d8

Concen: 54.065 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079279.D

Acq: 15 Sep 2023 18:07

Instrument :

MSVOA_N

ClientSampleId :

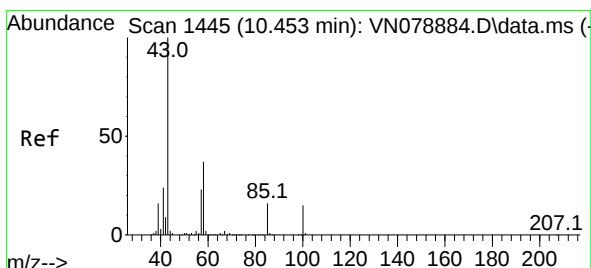
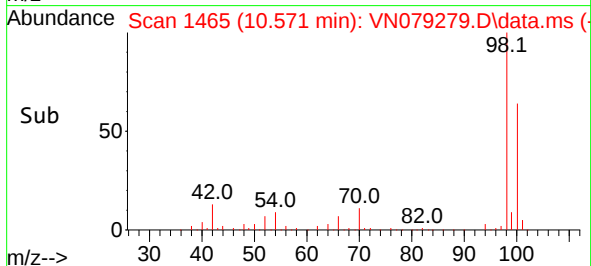
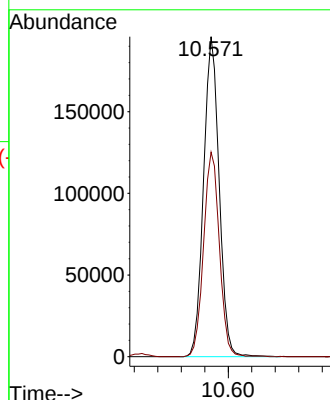
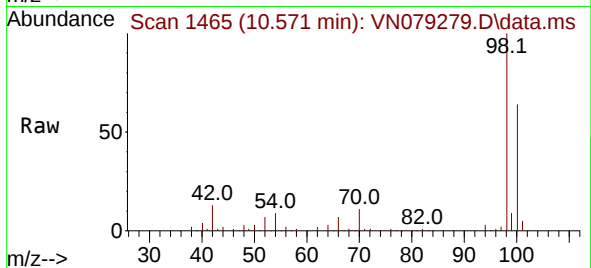
PB155573ZHE#03

Tgt Ion: 98 Resp: 359648

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 11.505 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079279.D

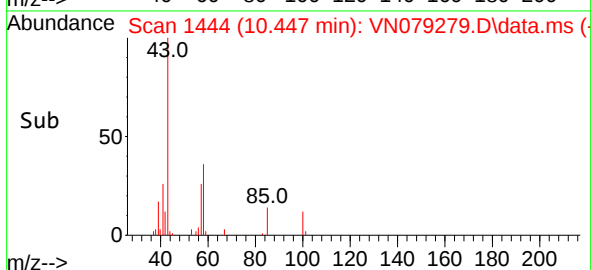
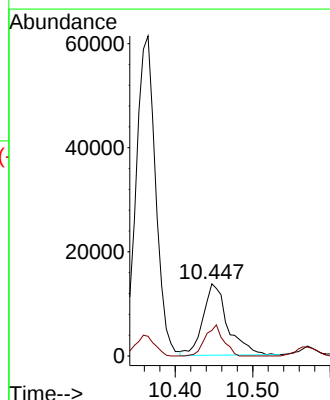
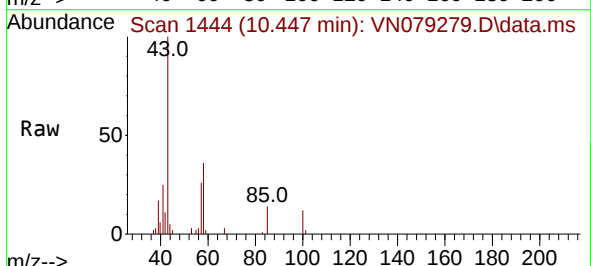
Acq: 15 Sep 2023 18:07

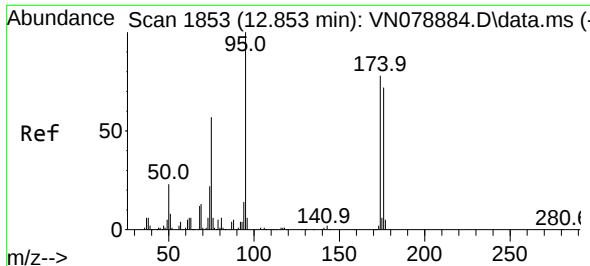
Tgt Ion: 43 Resp: 30353

Ion Ratio Lower Upper

43 100

58 32.0 36.6 54.8#

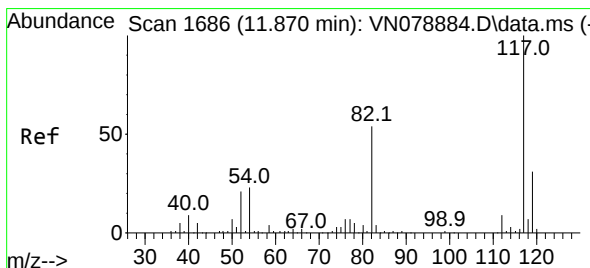
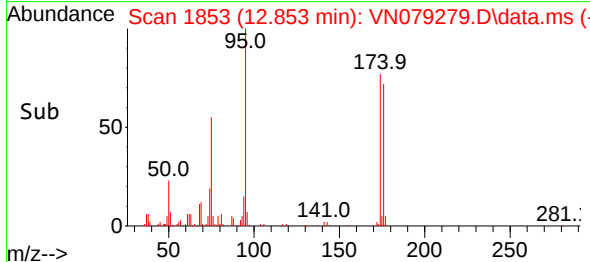
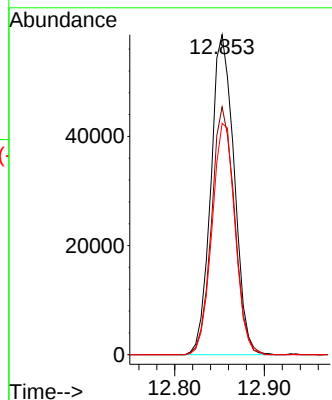
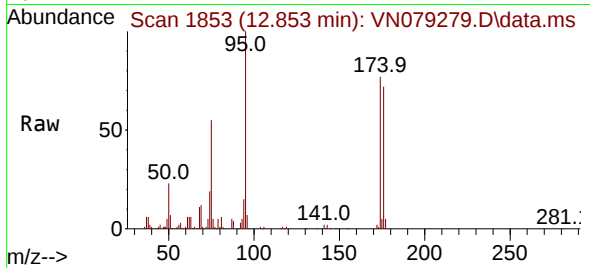




#62
4-Bromofluorobenzene
Concen: 49.649 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

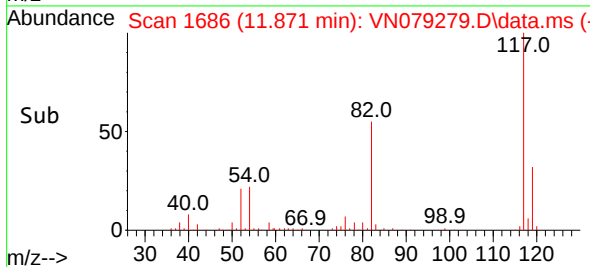
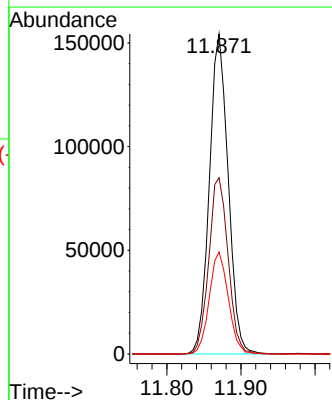
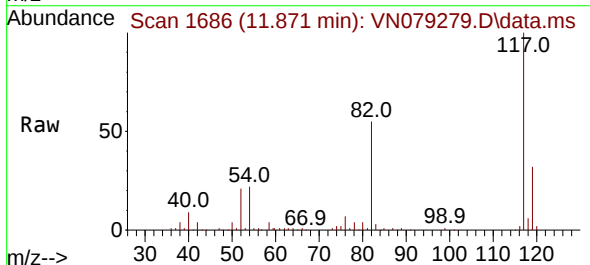
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PB155573ZHE#03

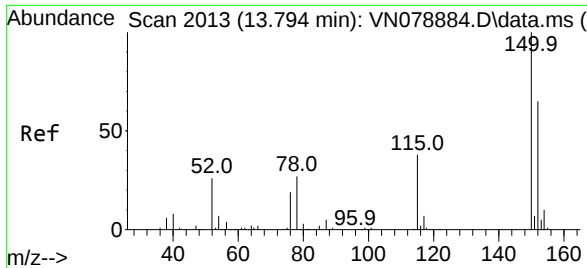
Tgt Ion: 95 Resp: 105349
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 71.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079279.D
Acq: 15 Sep 2023 18:07

Tgt Ion: 117 Resp: 271674
Ion Ratio Lower Upper
117 100
82 55.0 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# 20
 Delta R.T. -0.000 min
 Lab File: VN079279.D
 Acq: 15 Sep 2023 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#03

Tgt Ion:152 Resp: 75991
 Ion Ratio Lower Upper
 152 100
 115 64.4 32.3 96.8
 150 162.5 0.0 355.8

