

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079403.D
 Acq On : 04 Oct 2023 15:11
 Operator : JC\MD
 Sample : PB156087ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156087ZHE#01

Quant Time: Oct 05 02:21:43 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)

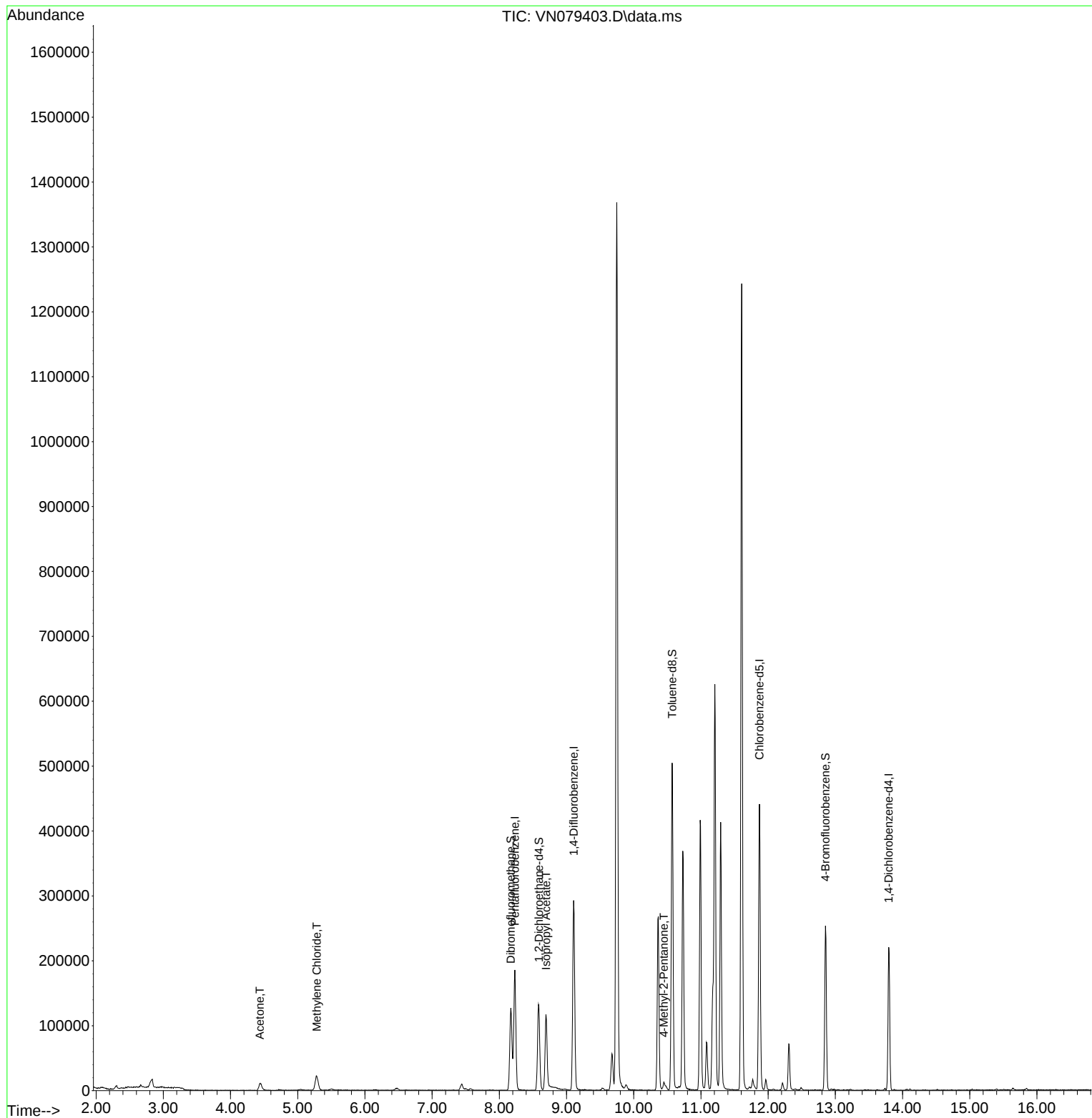
Internal Standards						
1) Pentafluorobenzene	8.230	168	123999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	243420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	108099	64.580	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 129.160%#		
35) Dibromofluoromethane	8.171	113	89842	55.157	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.320%		
50) Toluene-d8	10.571	98	331474	55.422	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 110.840%		
62) 4-Bromofluorobenzene	12.853	95	84926	44.515	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 89.040%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	22537	31.702	ug/l	93
20) Methylene Chloride	5.283	84	16966	9.807	ug/l	87
43) Isopropyl Acetate	8.694	43	133313	32.626	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	13351	5.629	ug/l #	66

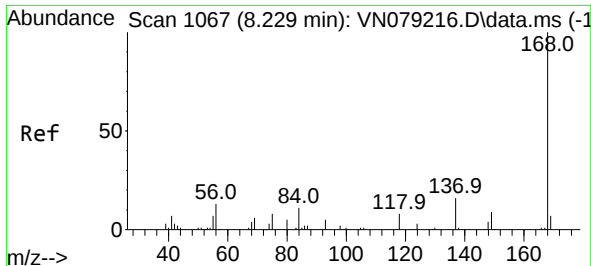
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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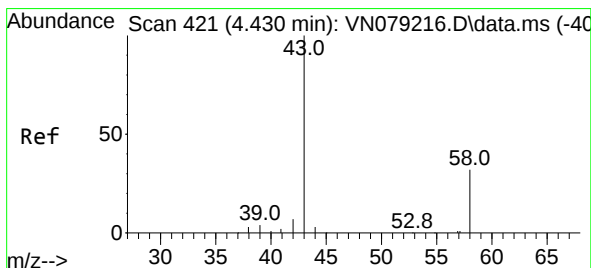
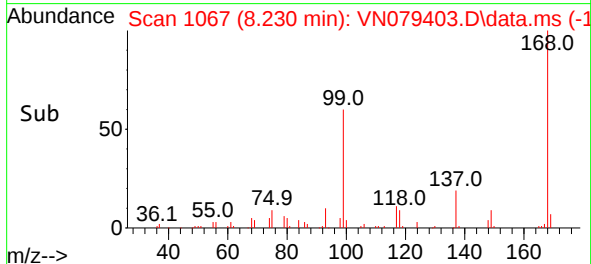
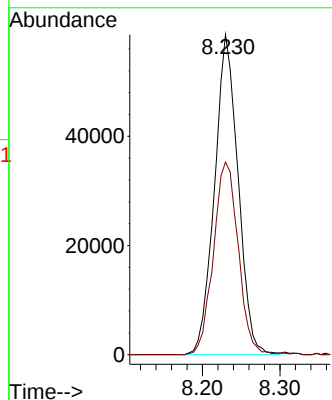
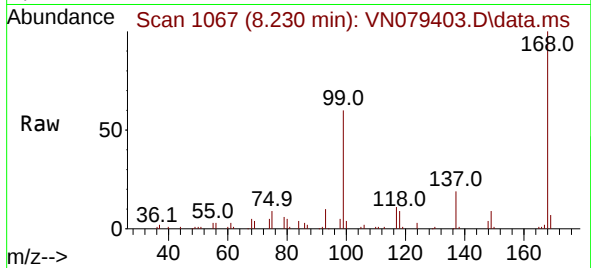




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079403.D
Acq: 04 Oct 2023 15:11

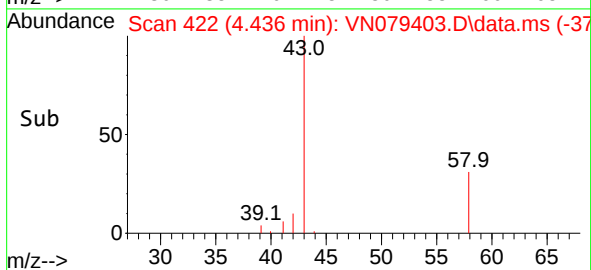
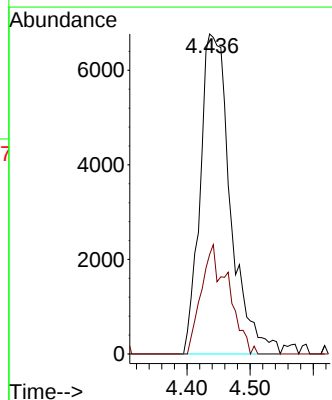
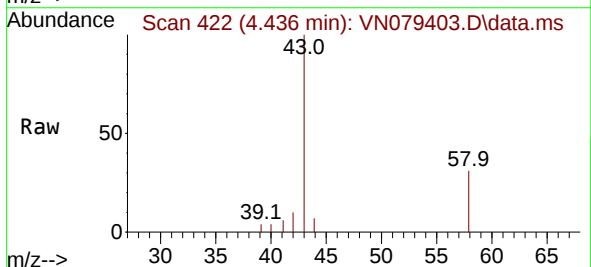
Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#01

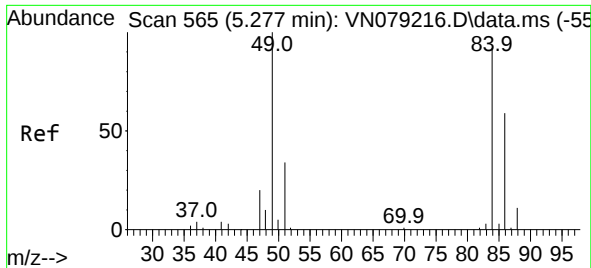
Tgt Ion:168 Resp: 123999
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#16
Acetone
Concen: 31.702 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079403.D
Acq: 04 Oct 2023 15:11

Tgt Ion: 43 Resp: 22537
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0



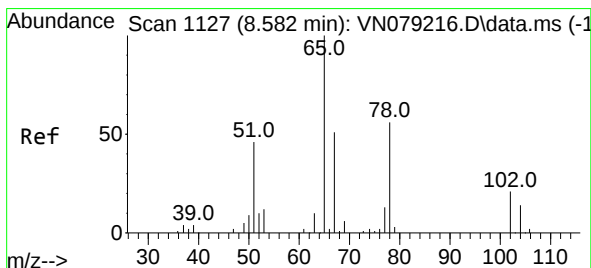
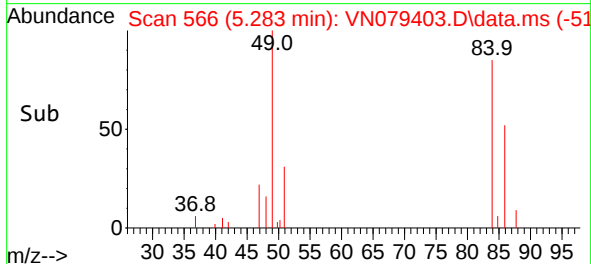
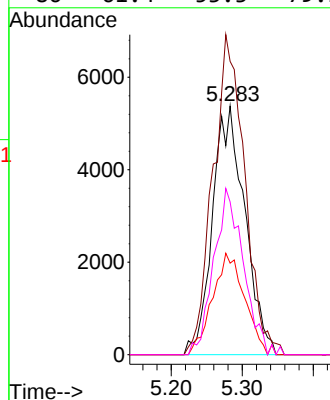
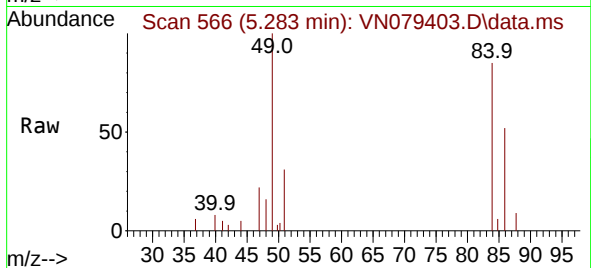


#20
Methylene Chloride
Concen: 9.807 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079403.D
Acq: 04 Oct 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#01

Tgt Ion: 84 Resp: 16966

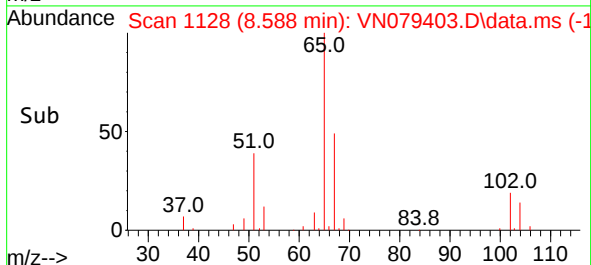
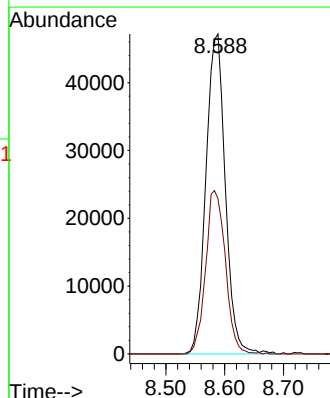
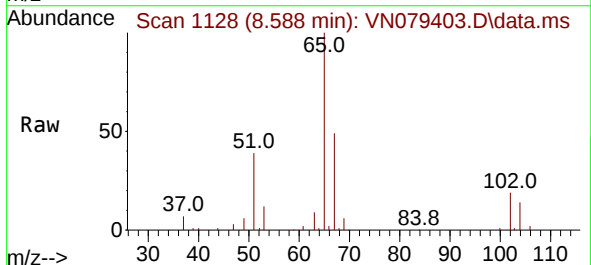
Ion	Ratio	Lower	Upper
84	100		
49	118.0	79.7	119.5
51	36.8	25.2	37.8
86	61.4	53.3	79.9

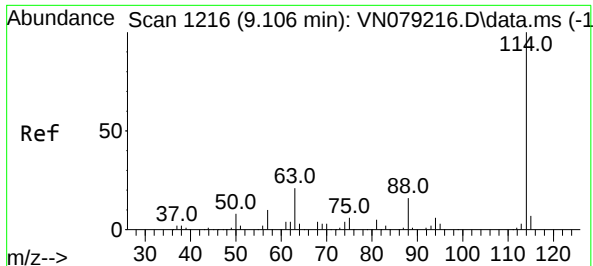


#33
1,2-Dichloroethane-d4
Concen: 64.580 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079403.D
Acq: 04 Oct 2023 15:11

Tgt Ion: 65 Resp: 108099

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# 1

Delta R.T. -0.006 min

Lab File: VN079403.D

Acq: 04 Oct 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

PB156087ZHE#01

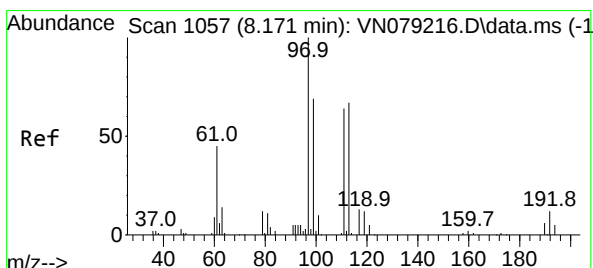
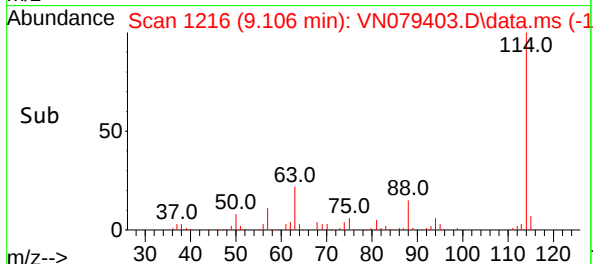
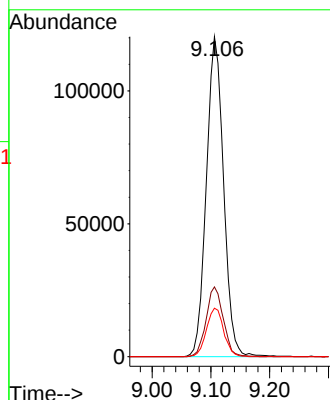
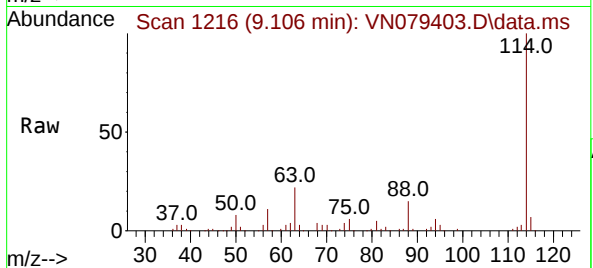
Tgt Ion:114 Resp: 244874

Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.157 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079403.D

Acq: 04 Oct 2023 15:11

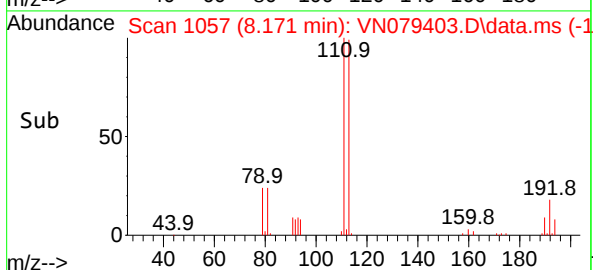
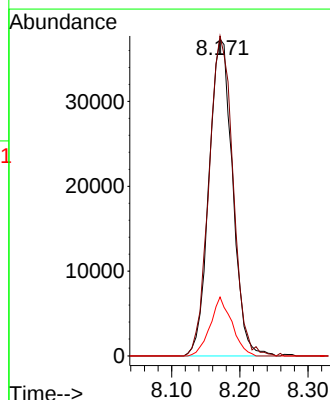
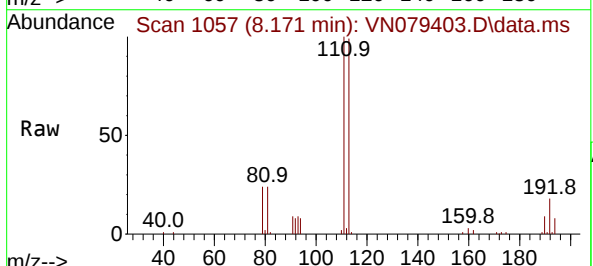
Tgt Ion:113 Resp: 89842

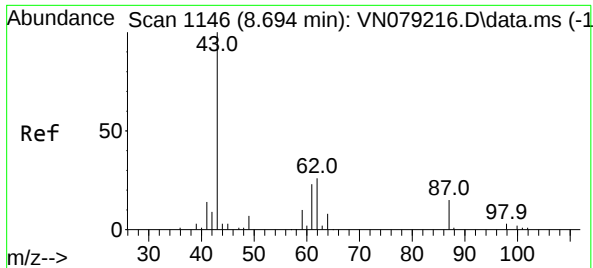
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.1 12.7 19.1

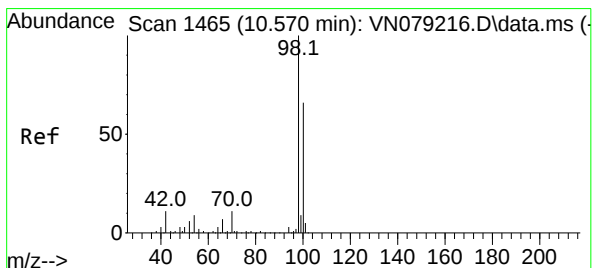
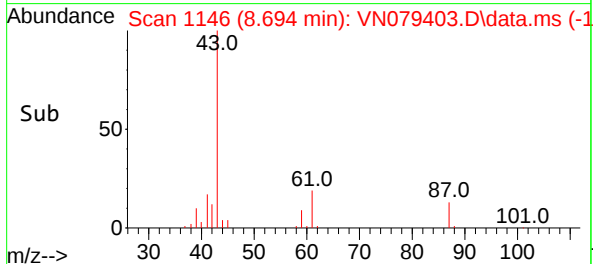
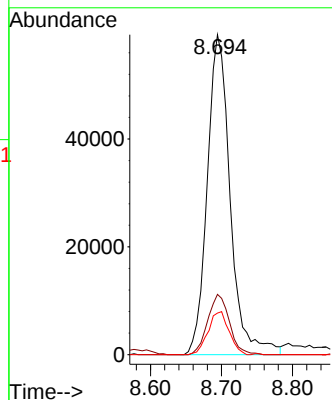
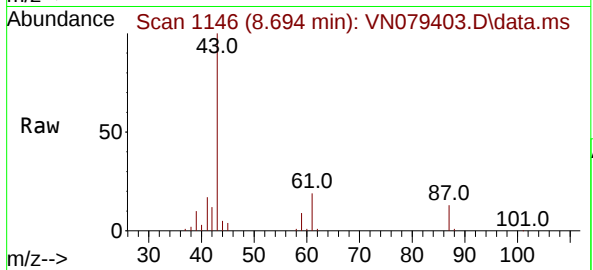




#43
Isopropyl Acetate
Concen: 32.626 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079403.D
Acq: 04 Oct 2023 15:11

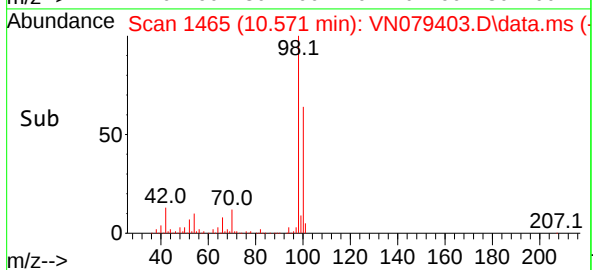
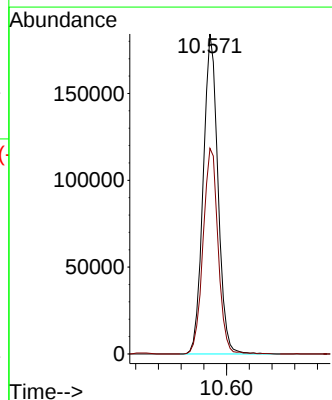
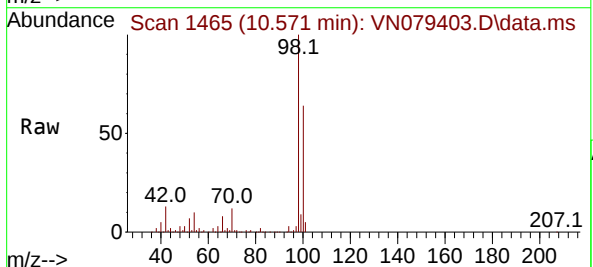
Instrument :
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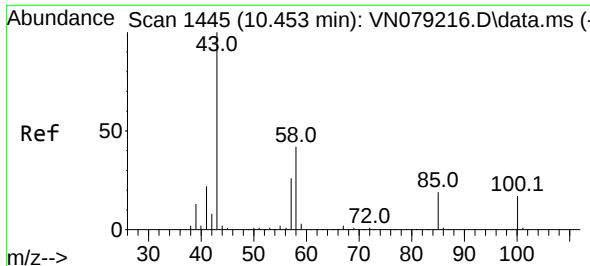
Tgt Ion: 43 Resp: 133313
Ion Ratio Lower Upper
43 100
61 17.8 24.7 37.1#
87 12.3 14.6 21.8#



#50
Toluene-d8
Concen: 55.422 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079403.D
Acq: 04 Oct 2023 15:11

Tgt Ion: 98 Resp: 331474
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 5.629 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079403.D

Acq: 04 Oct 2023 15:11

Instrument :

MSVOA_N

ClientSampleId :

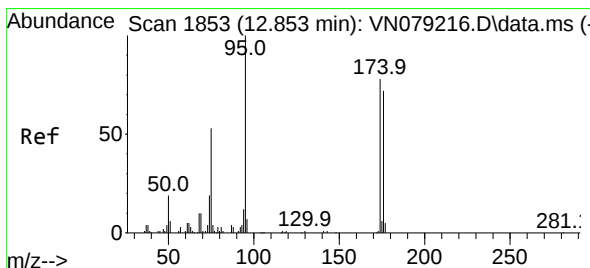
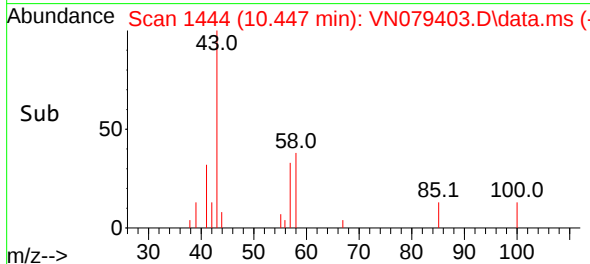
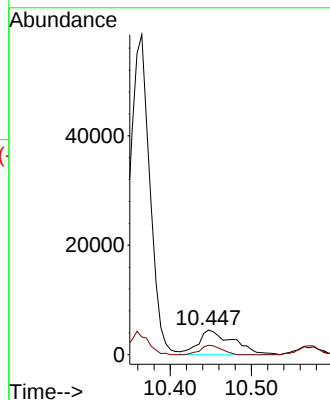
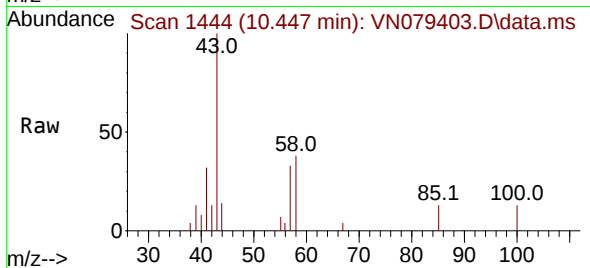
PB156087ZHE#01

Tgt Ion: 43 Resp: 13351

Ion Ratio Lower Upper

43 100

58 23.5 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 44.515 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079403.D

Acq: 04 Oct 2023 15:11

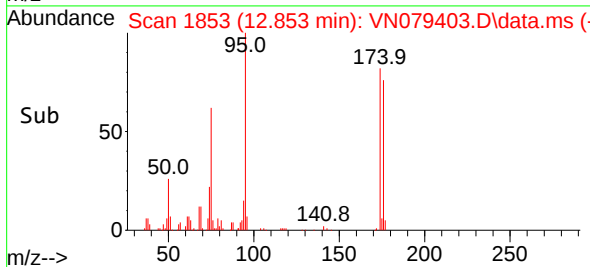
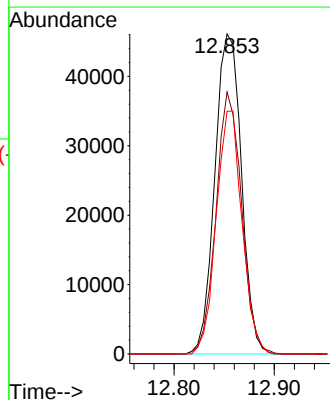
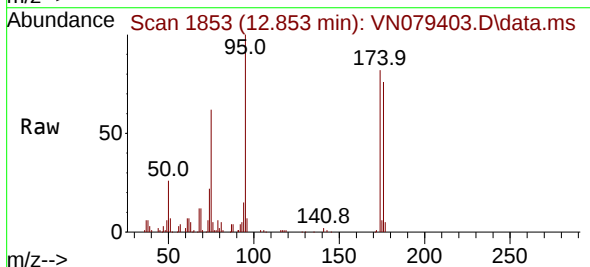
Tgt Ion: 95 Resp: 84926

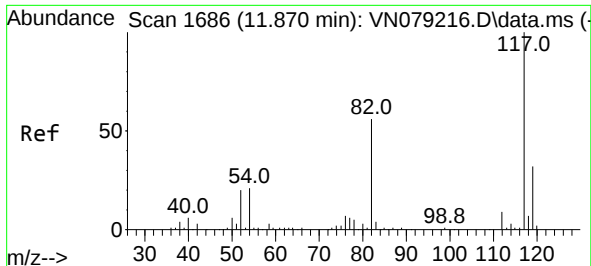
Ion Ratio Lower Upper

95 100

174 78.8 0.0 143.8

176 73.8 0.0 135.8

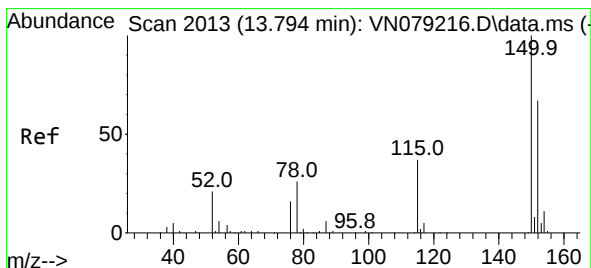
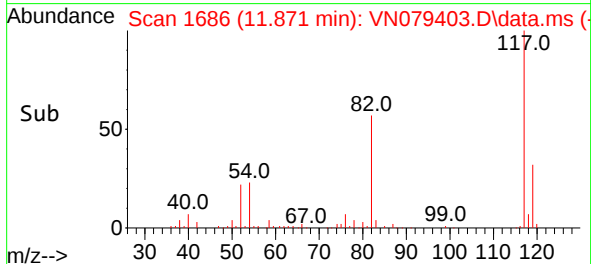
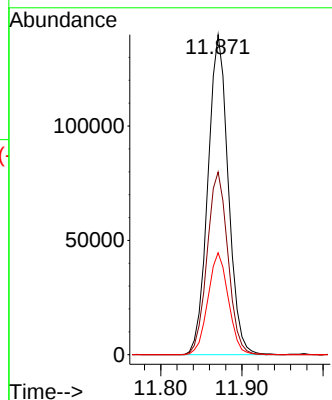
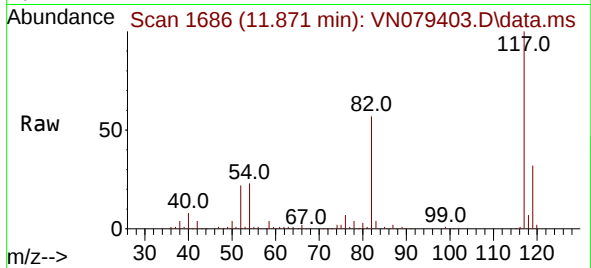




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079403.D
Acq: 04 Oct 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#01

Tgt Ion:117 Resp: 243420
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 31.9 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: VN079403.D
Acq: 04 Oct 2023 15:11

Tgt Ion:152 Resp: 57255
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 159.3 0.0 355.8

