

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079407.D
 Acq On : 04 Oct 2023 16:47
 Operator : JC\MD
 Sample : PB156087ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156087ZHE#05

Quant Time: Oct 05 02:23:31 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)

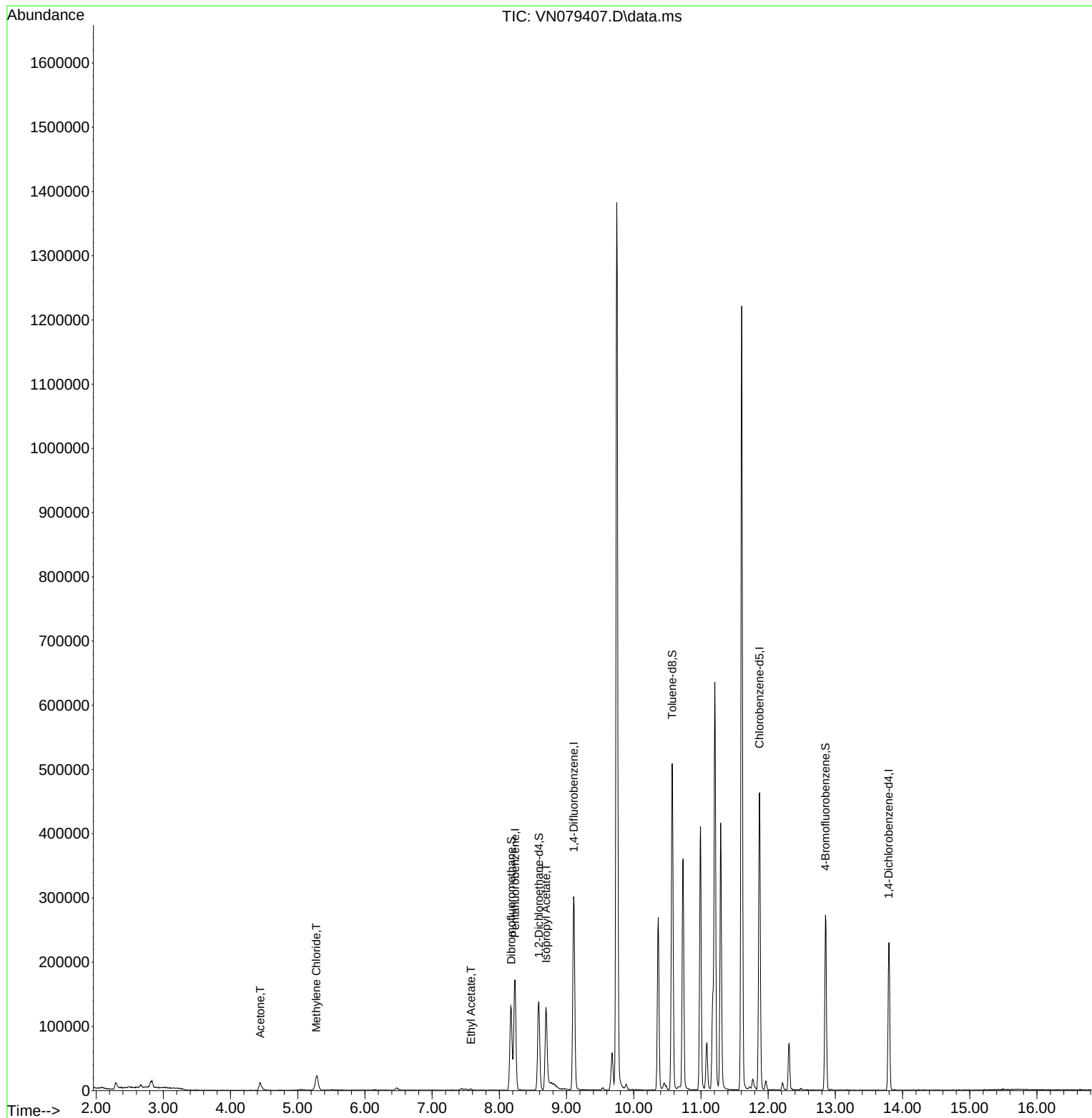
Internal Standards						
1) Pentafluorobenzene	8.236	168	120780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	259438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	60862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	112104	68.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 137.520%#			
35) Dibromofluoromethane	8.177	113	92822	56.014	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.020%			
50) Toluene-d8	10.571	98	343200	56.403	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.800%			
62) 4-Bromofluorobenzene	12.853	95	90741	46.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.500%			
Target Compounds					Qvalue	
16) Acetone	4.442	43	21506	31.058	ug/l	92
20) Methylene Chloride	5.277	84	17177	10.194	ug/l #	84
37) Ethyl Acetate	7.577	43	3230	1.268	ug/l #	73
43) Isopropyl Acetate	8.694	43	148862	35.810	ug/l #	77

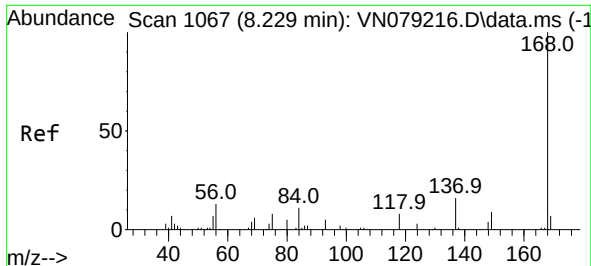
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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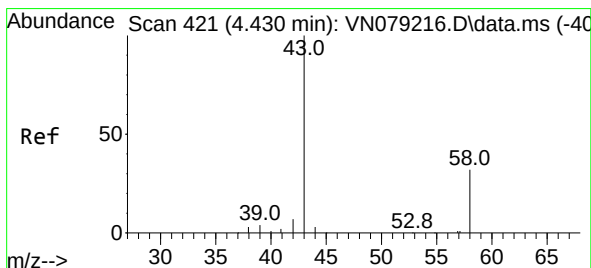
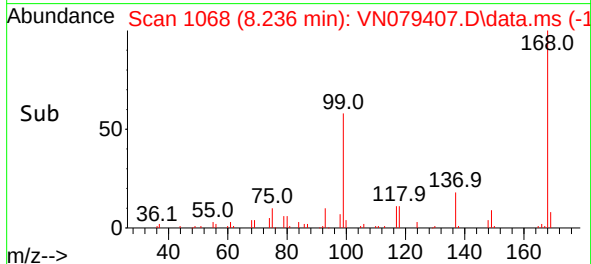
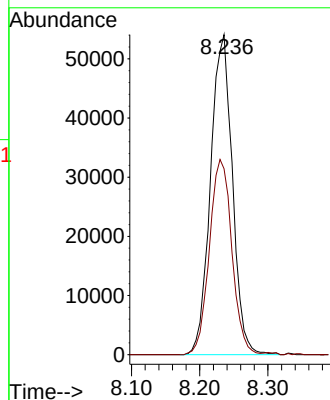
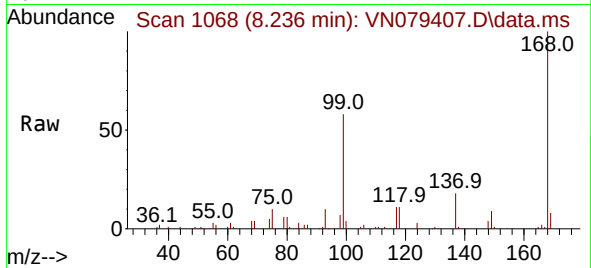




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN079407.D
Acq: 04 Oct 2023 16:47

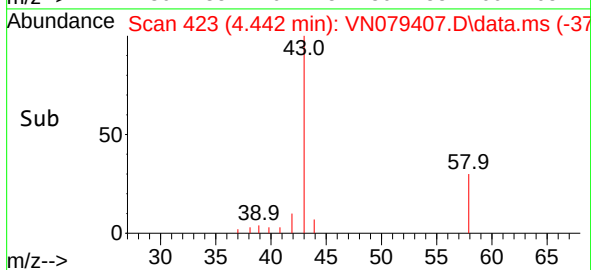
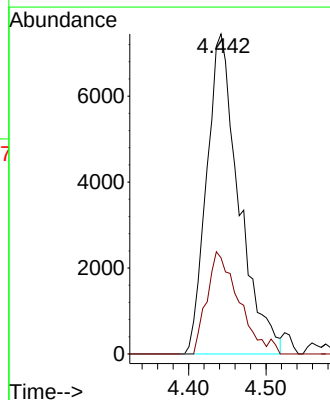
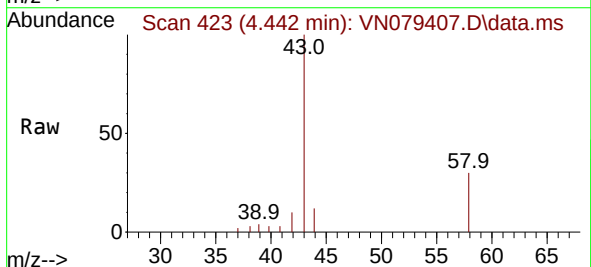
Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#05

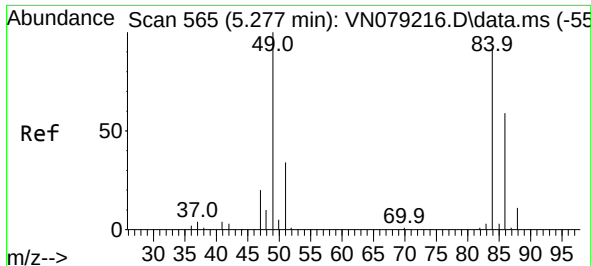
Tgt Ion:168 Resp: 120780
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6



#16
Acetone
Concen: 31.058 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079407.D
Acq: 04 Oct 2023 16:47

Tgt Ion: 43 Resp: 21506
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0

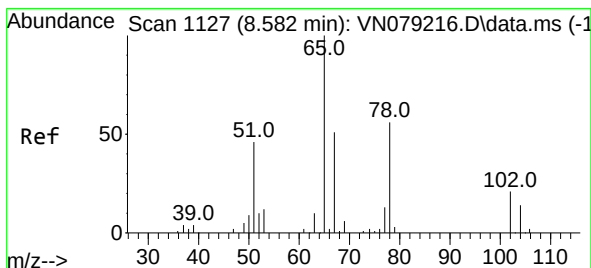
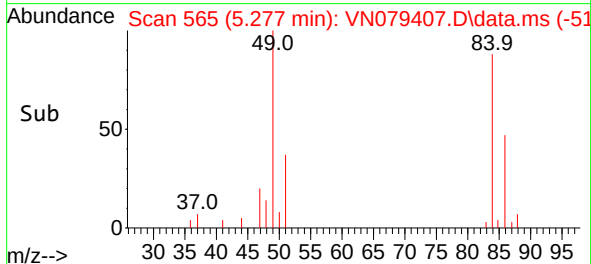
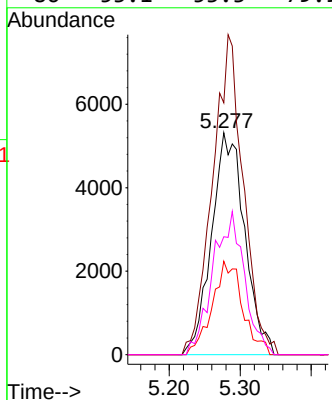
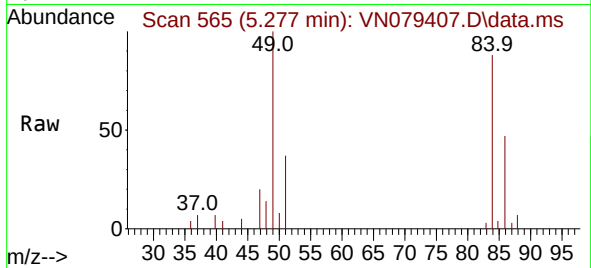




#20
Methylene Chloride
Concen: 10.194 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079407.D
Acq: 04 Oct 2023 16:47

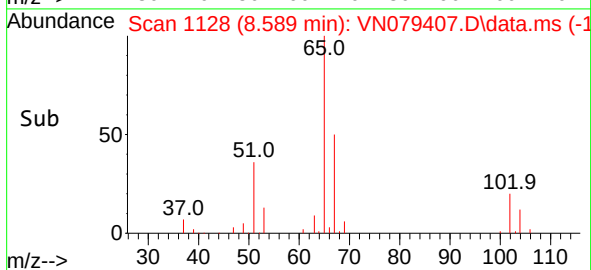
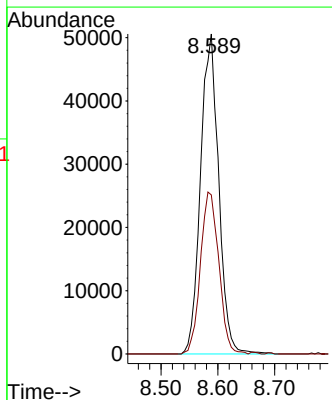
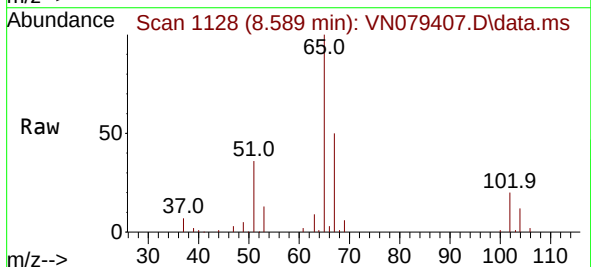
Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#05

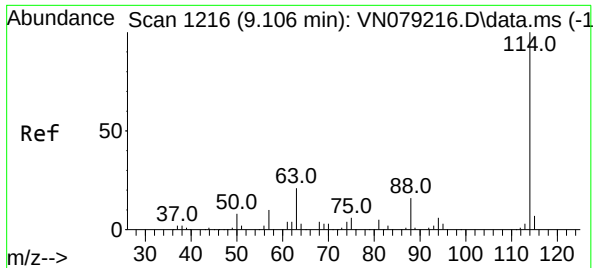
Tgt Ion:	84	Resp:	17177
Ion	Ratio	Lower	Upper
84	100		
49	113.5	79.7	119.5
51	42.1	25.2	37.8#
86	53.1	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 68.758 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN079407.D
Acq: 04 Oct 2023 16:47

Tgt Ion:	65	Resp:	112104
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.6

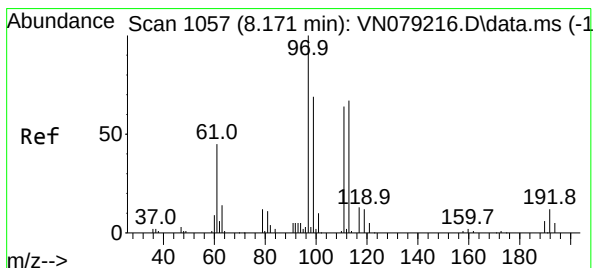
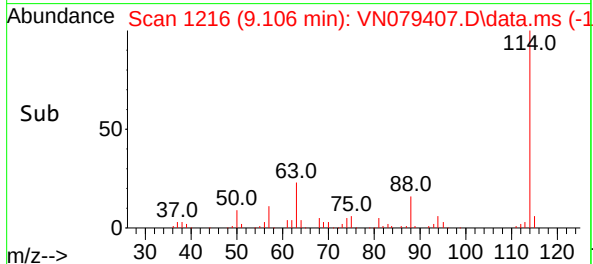
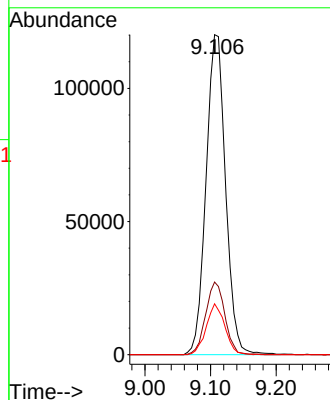
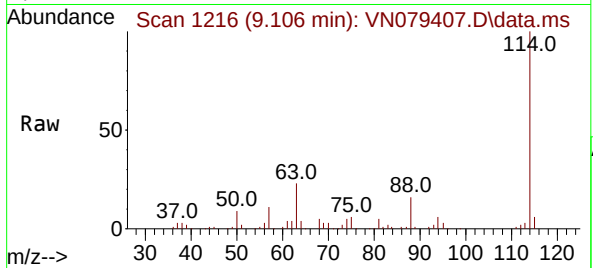




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079407.D
Acq: 04 Oct 2023 16:47

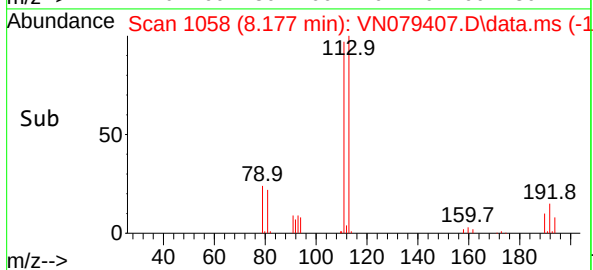
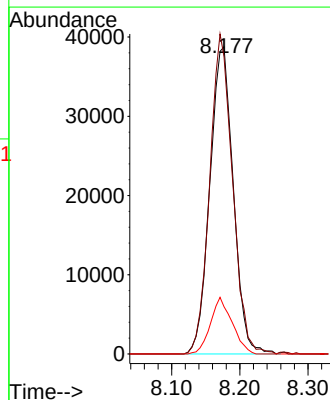
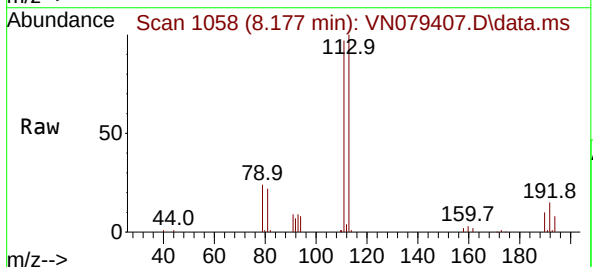
Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#05

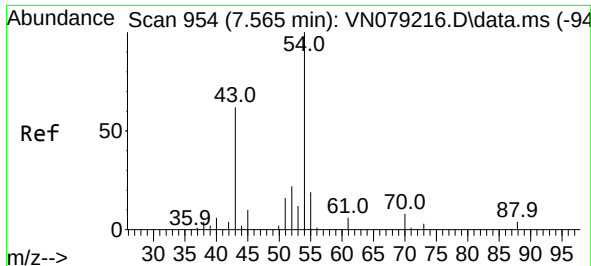
Tgt Ion:114 Resp: 249125
Ion Ratio Lower Upper
114 100
63 22.7 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.014 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079407.D
Acq: 04 Oct 2023 16:47

Tgt Ion:113 Resp: 92822
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 17.1 12.7 19.1





#37

Ethyl Acetate

Concen: 1.268 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN079407.D

Acq: 04 Oct 2023 16:47

Instrument :

MSVOA_N

ClientSampleId :

PB156087ZHE#05

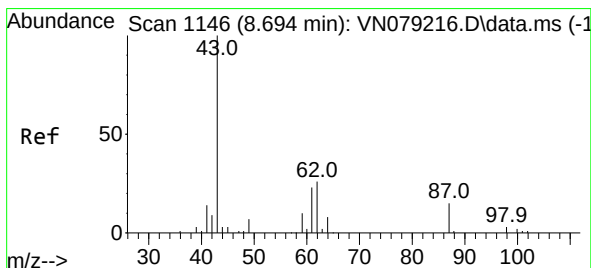
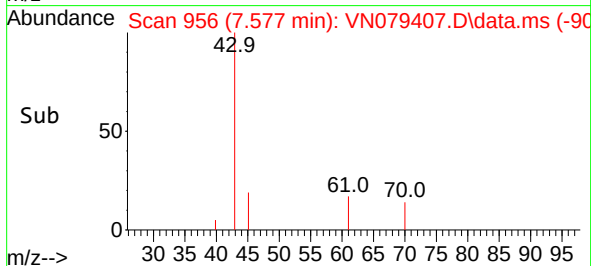
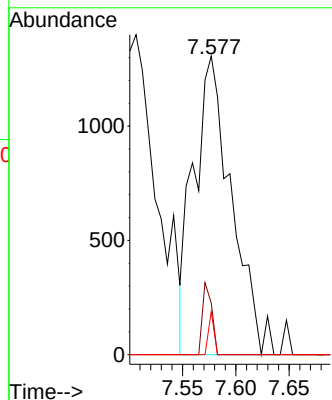
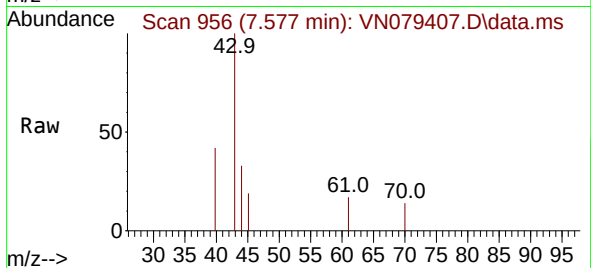
Tgt Ion: 43 Resp: 3230

Ion Ratio Lower Upper

43 100

61 5.9 13.2 19.8#

70 2.0 11.3 16.9#



#43

Isopropyl Acetate

Concen: 35.810 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079407.D

Acq: 04 Oct 2023 16:47

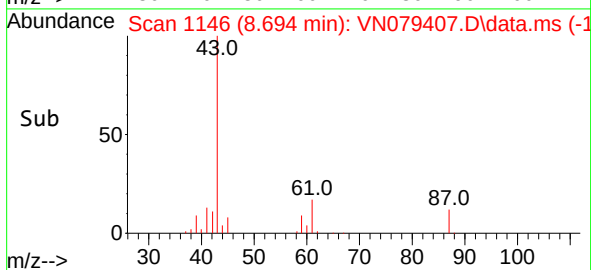
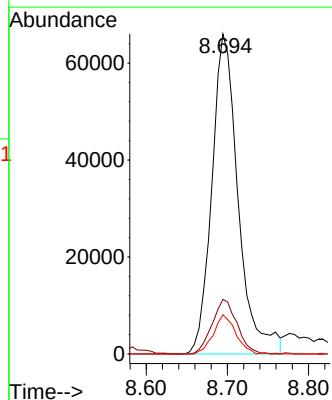
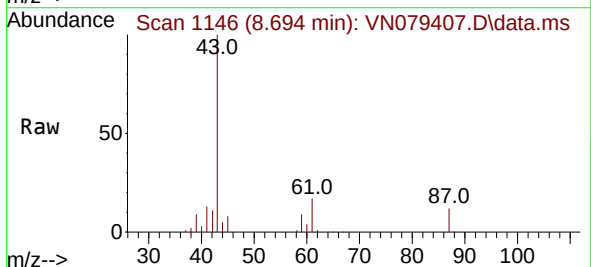
Tgt Ion: 43 Resp: 148862

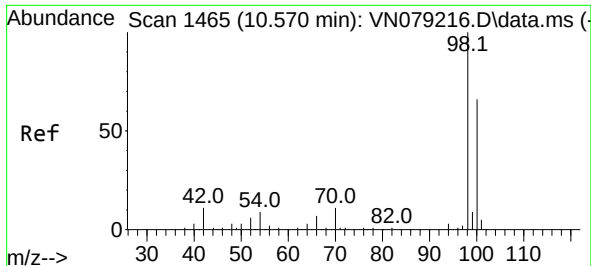
Ion Ratio Lower Upper

43 100

61 16.1 24.7 37.1#

87 10.4 14.6 21.8#

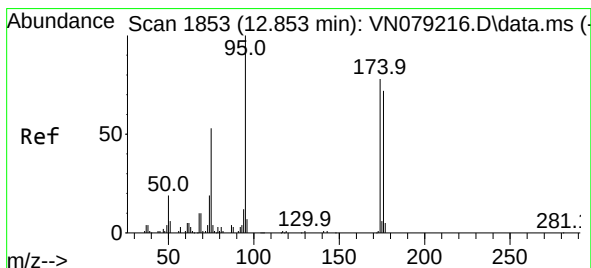
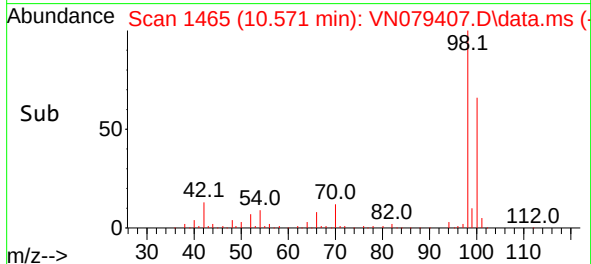
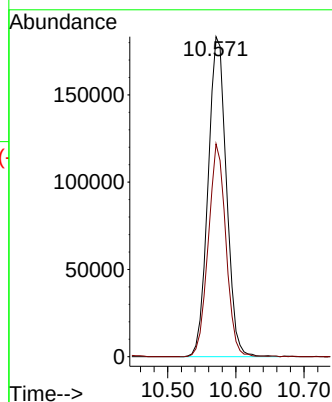
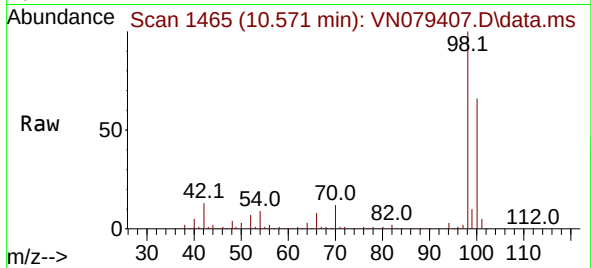




#50
Toluene-d8
Concen: 56.403 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079407.D
Acq: 04 Oct 2023 16:47

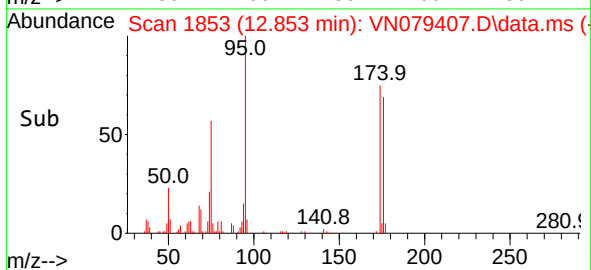
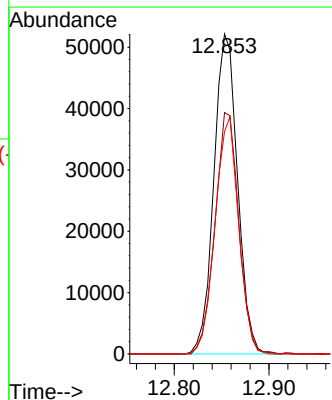
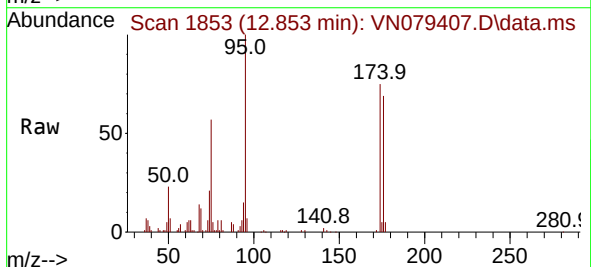
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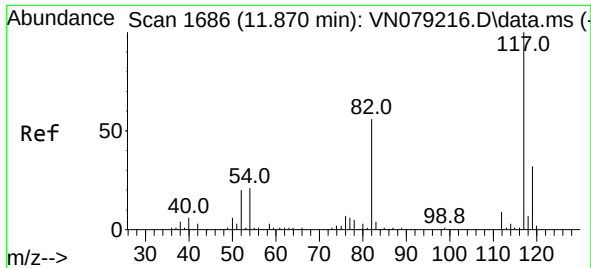
Tgt Ion: 98 Resp: 343200
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.752 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079407.D
Acq: 04 Oct 2023 16:47

Tgt Ion: 95 Resp: 90741
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 73.7 0.0 135.8

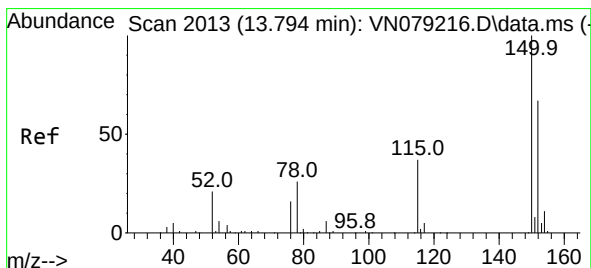
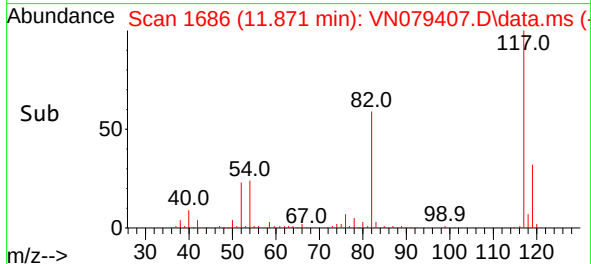
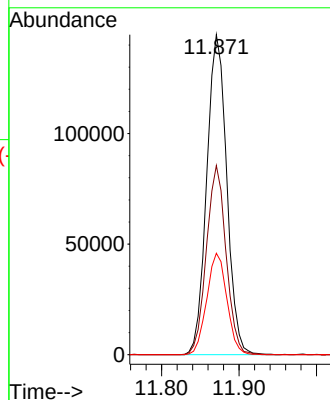
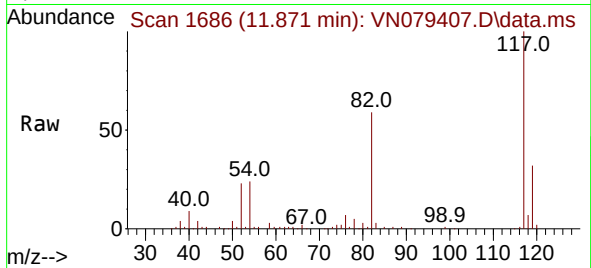




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079407.D
Acq: 04 Oct 2023 16:47

Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#05

Tgt Ion:117 Resp: 259438
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 31.7 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: VN079407.D
Acq: 04 Oct 2023 16:47

Tgt Ion:152 Resp: 60862
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 157.7 0.0 355.8

