

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079381.D
 Acq On : 30 Sep 2023 12:58
 Operator : JC\MD
 Sample : PB155992ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155992ZHE#01

Quant Time: Oct 02 01:53:31 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)

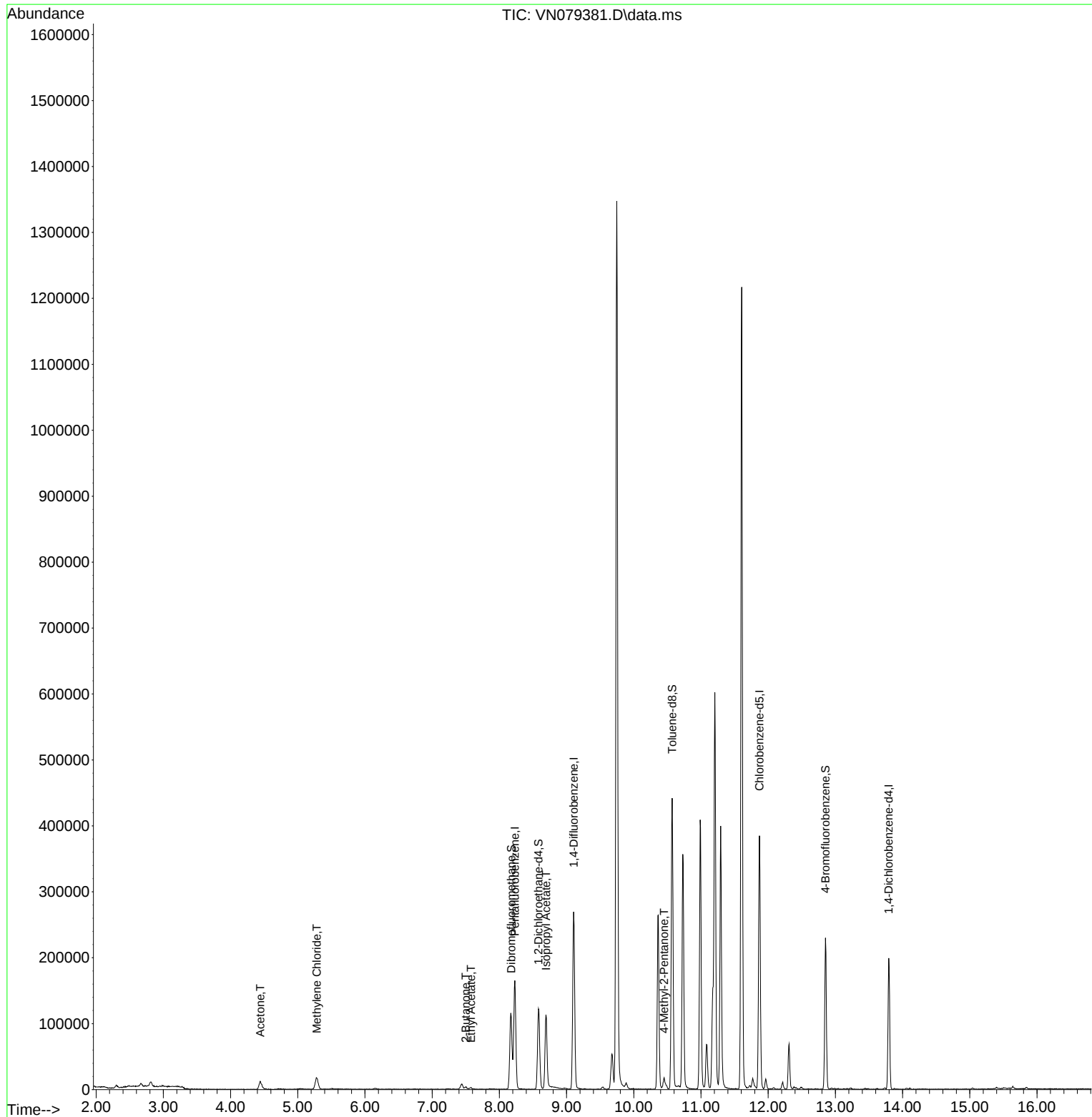
Internal Standards						
1) Pentafluorobenzene	8.230	168	112262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	221494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	218038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	50621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	99677	65.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 131.540%#	
35) Dibromofluoromethane	8.177	113	81283	55.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.340%	
50) Toluene-d8	10.571	98	298597	55.195	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.380%	
62) 4-Bromofluorobenzene	12.853	95	76475	44.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	23025	35.775	ug/l	96
20) Methylene Chloride	5.283	84	12461	7.956	ug/l #	83
25) 2-Butanone	7.500	43	5635	6.034	ug/l #	66
37) Ethyl Acetate	7.577	43	3741	1.652	ug/l #	78
43) Isopropyl Acetate	8.694	43	128434	34.750	ug/l #	81
51) 4-Methyl-2-Pentanone	10.453	43	16211	7.556	ug/l #	71

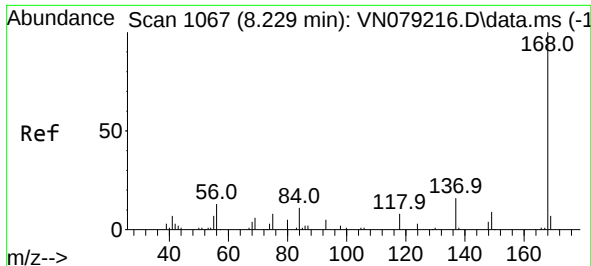
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
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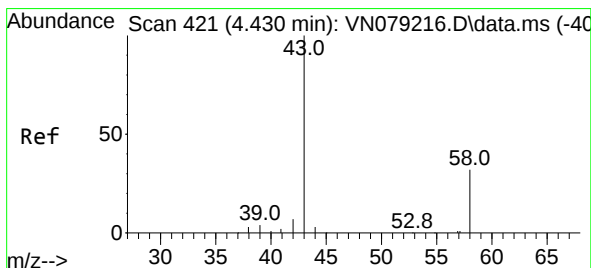
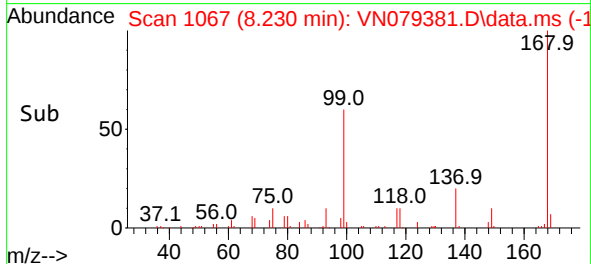
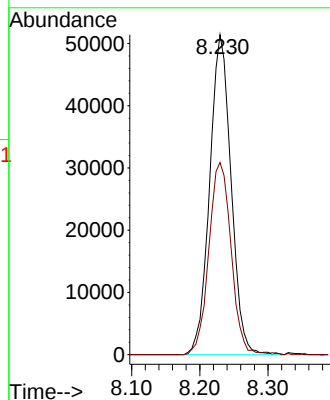
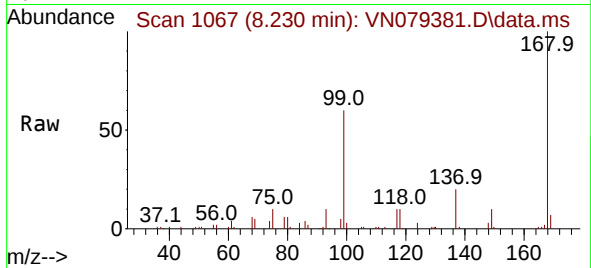




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079381.D
Acq: 30 Sep 2023 12:58

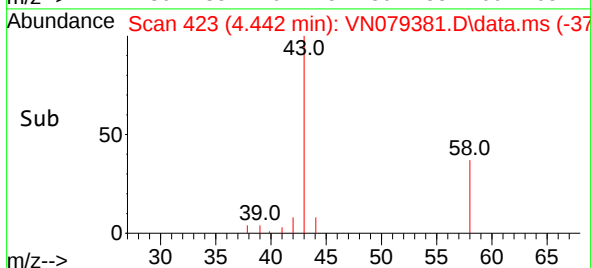
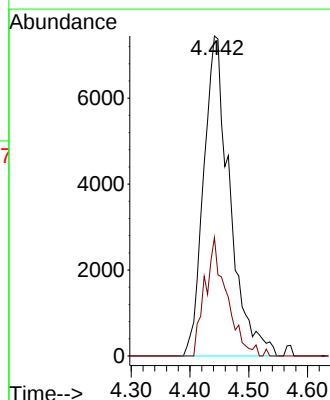
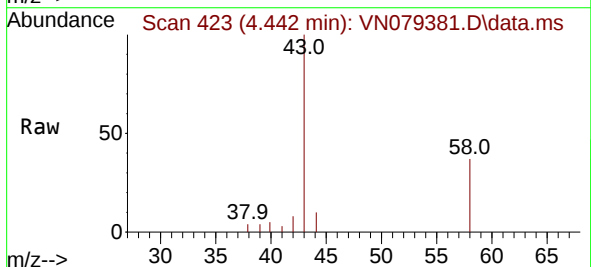
Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#01

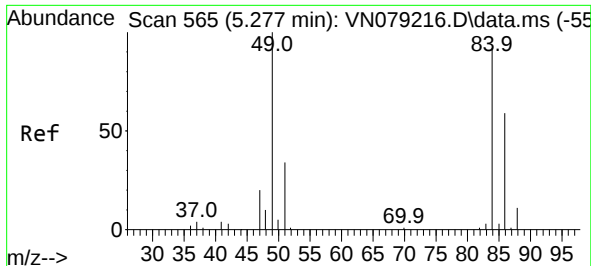
Tgt Ion:168 Resp: 112262
Ion Ratio Lower Upper
168 100
99 60.1 53.0 79.6



#16
Acetone
Concen: 35.775 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079381.D
Acq: 30 Sep 2023 12:58

Tgt Ion: 43 Resp: 23025
Ion Ratio Lower Upper
43 100
58 37.1 28.0 42.0

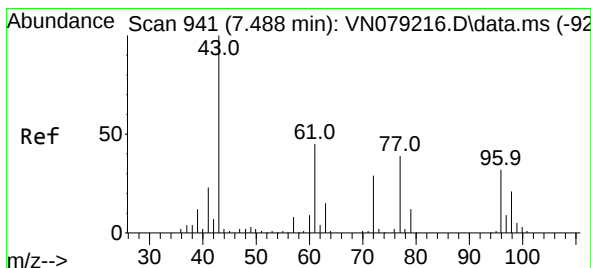
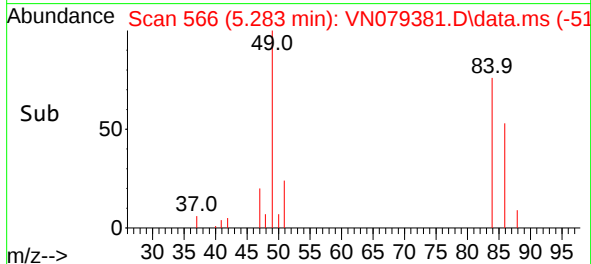
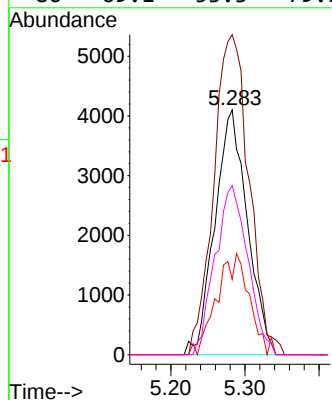
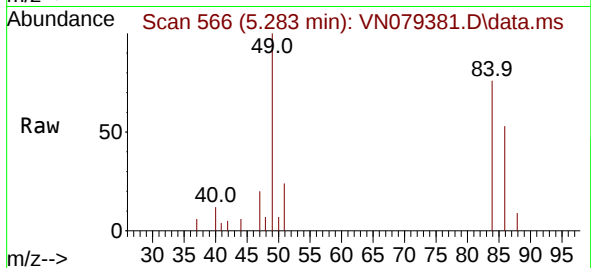




#20
Methylene Chloride
Concen: 7.956 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079381.D
Acq: 30 Sep 2023 12:58

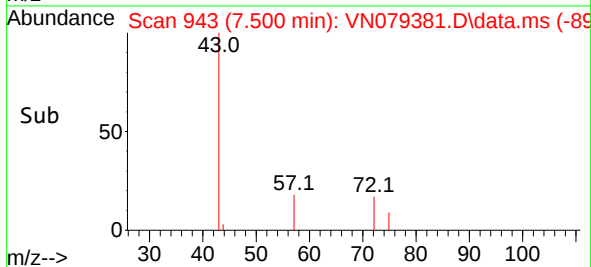
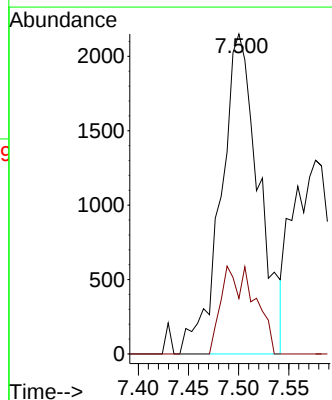
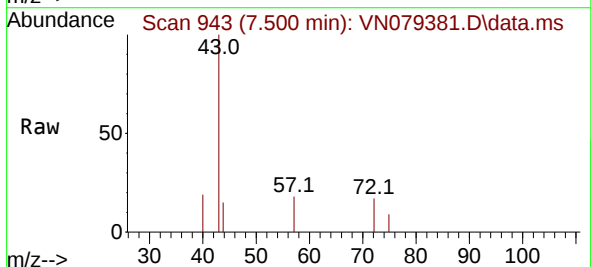
Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#01

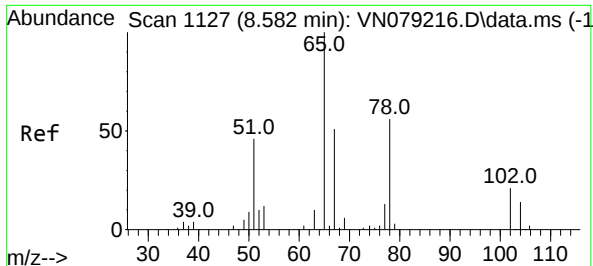
Tgt Ion:	84	Resp:	12461
Ion	Ratio	Lower	Upper
84	100		
49	130.8	79.7	119.5#
51	30.8	25.2	37.8
86	69.1	53.3	79.9



#25
2-Butanone
Concen: 6.034 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079381.D
Acq: 30 Sep 2023 12:58

Tgt Ion:	43	Resp:	5635
Ion	Ratio	Lower	Upper
43	100		
72	17.3	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 65.775 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079381.D

Acq: 30 Sep 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

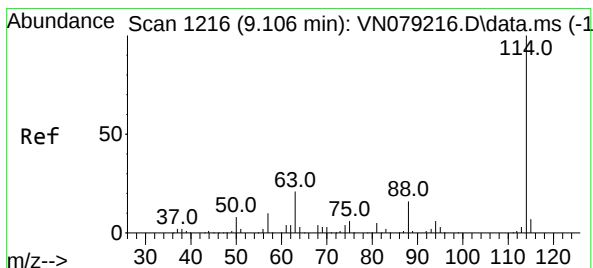
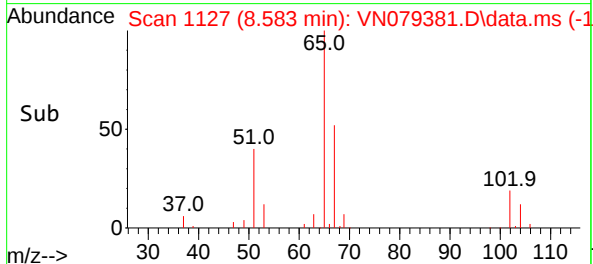
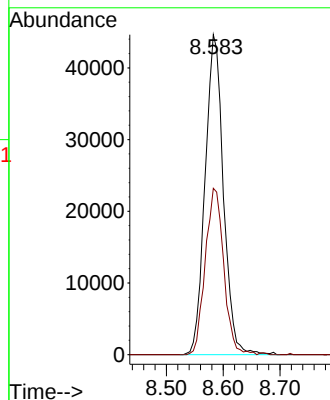
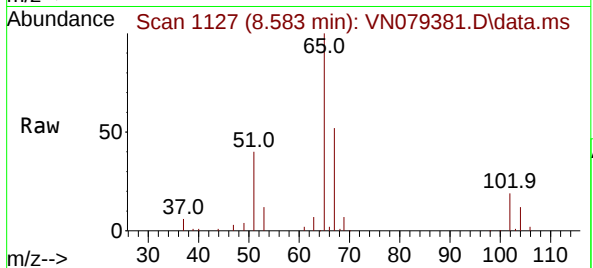
PB155992ZHE#01

Tgt Ion: 65 Resp: 99677

Ion Ratio Lower Upper

65 100

67 52.5 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: VN079381.D

Acq: 30 Sep 2023 12:58

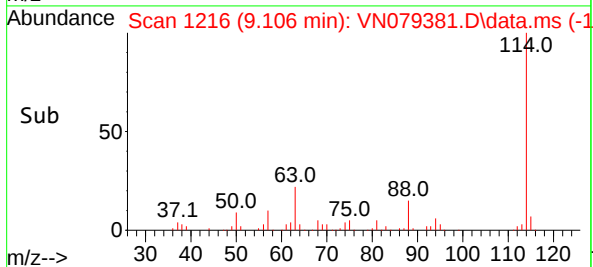
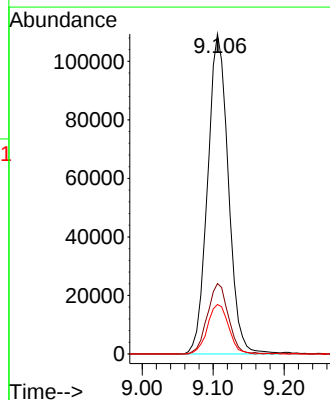
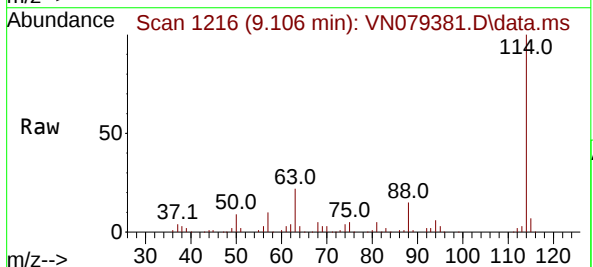
Tgt Ion: 114 Resp: 221494

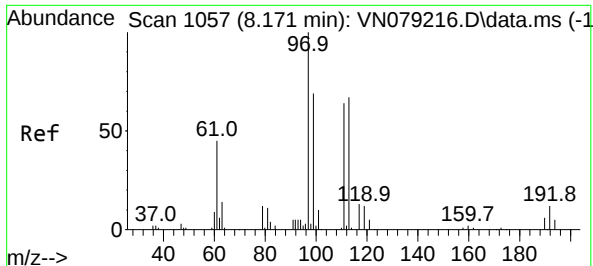
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 15.4 0.0 30.6

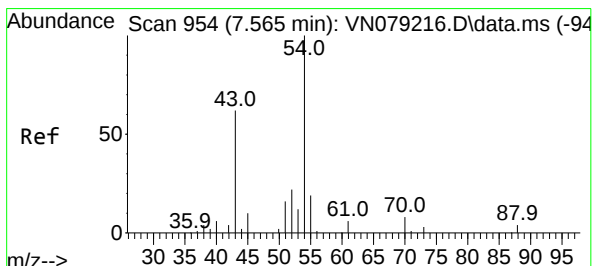
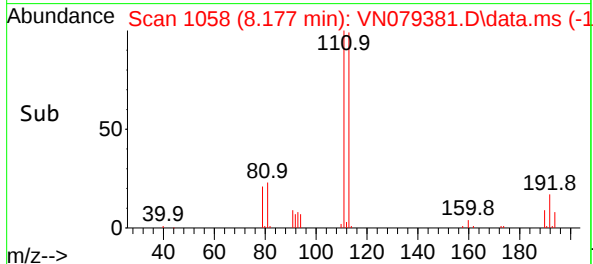
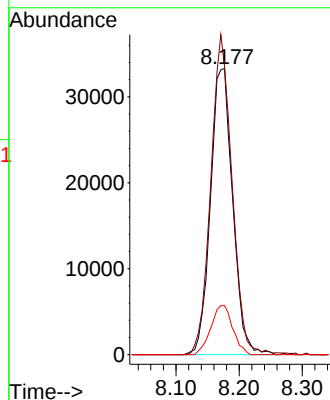
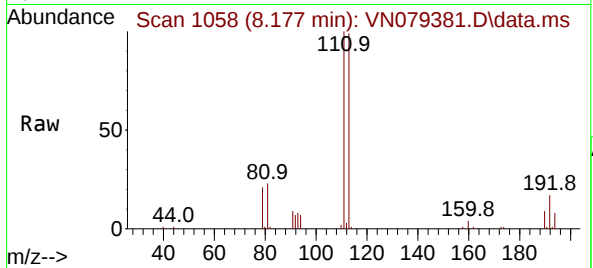




#35
Dibromofluoromethane
Concen: 55.169 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN079381.D
Acq: 30 Sep 2023 12:58

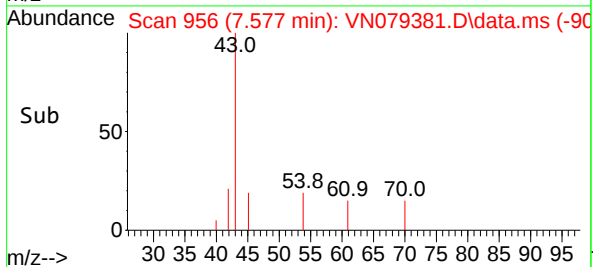
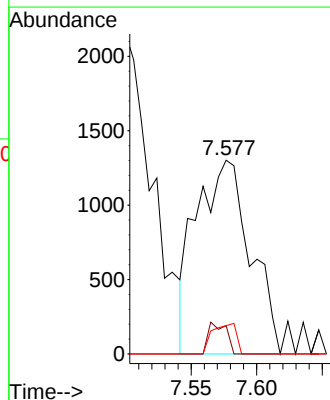
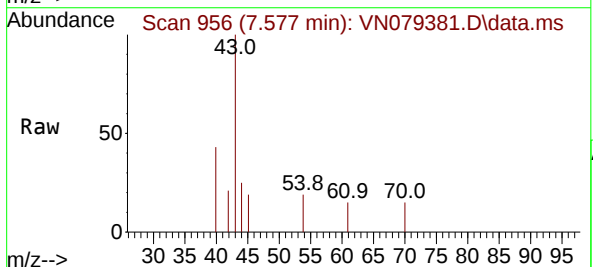
Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#01

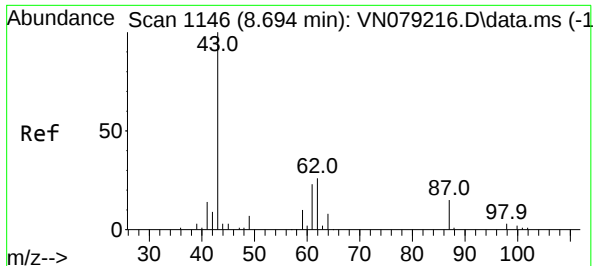
Tgt Ion:113 Resp: 81283
Ion Ratio Lower Upper
113 100
111 107.2 82.6 123.8
192 17.0 12.7 19.1



#37
Ethyl Acetate
Concen: 1.652 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN079381.D
Acq: 30 Sep 2023 12:58

Tgt Ion: 43 Resp: 3741
Ion Ratio Lower Upper
43 100
61 5.4 13.2 19.8#
70 6.8 11.3 16.9#





#43

Isopropyl Acetate

Concen: 34.750 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079381.D

Acq: 30 Sep 2023 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB155992ZHE#01

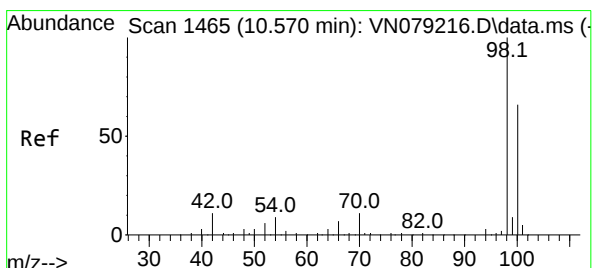
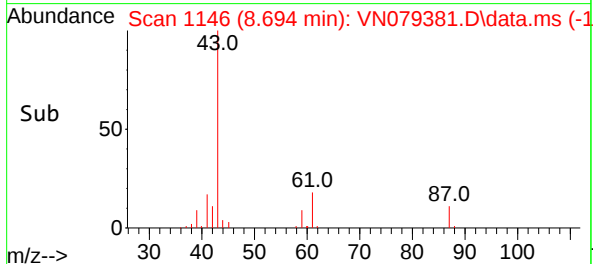
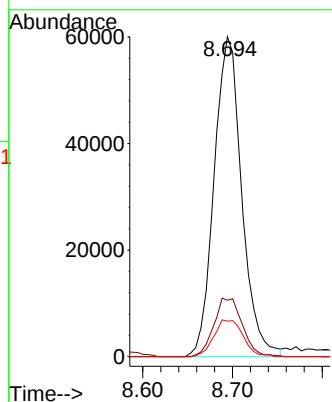
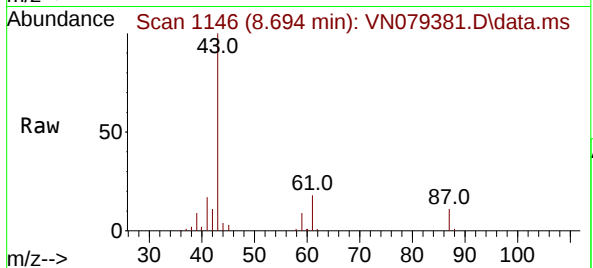
Tgt Ion: 43 Resp: 128434

Ion Ratio Lower Upper

43 100

61 18.8 24.7 37.1#

87 12.1 14.6 21.8#



#50

Toluene-d8

Concen: 55.195 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079381.D

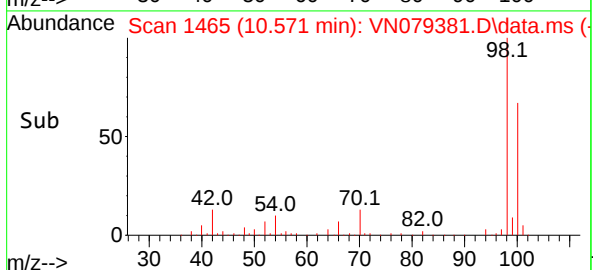
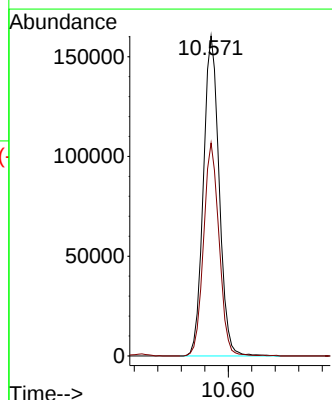
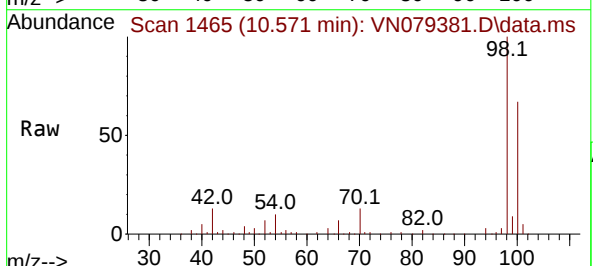
Acq: 30 Sep 2023 12:58

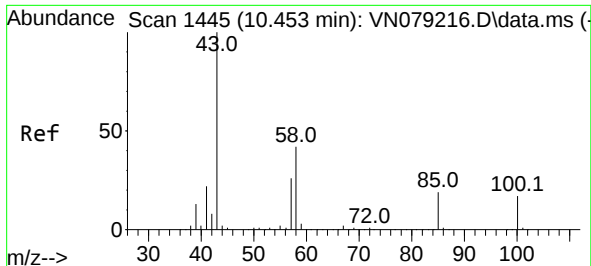
Tgt Ion: 98 Resp: 298597

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

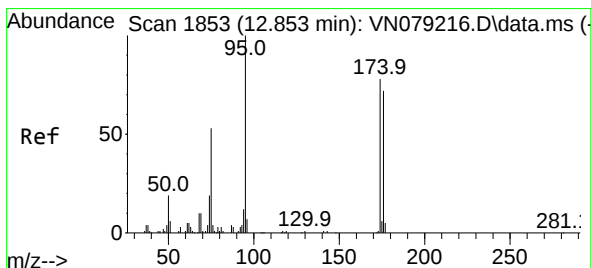
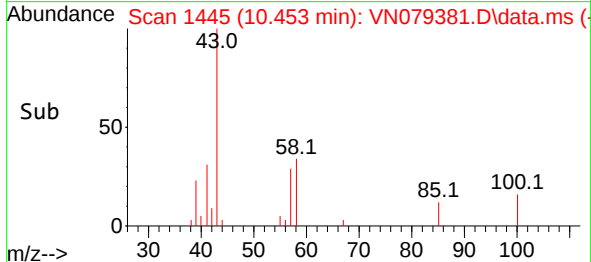
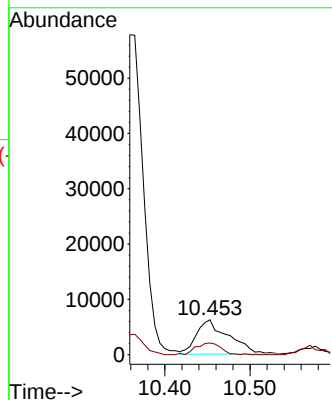
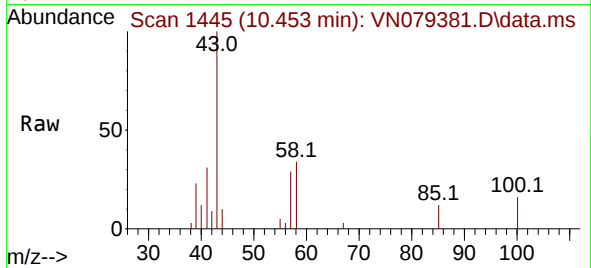




#51
4-Methyl-2-Pentanone
Concen: 7.556 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079381.D
Acq: 30 Sep 2023 12:58

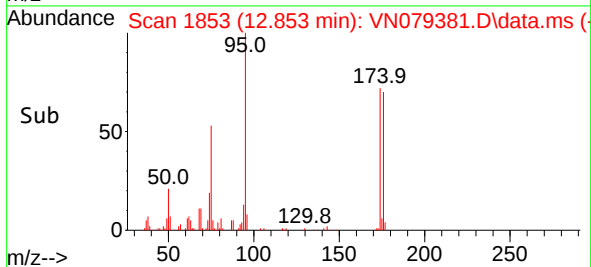
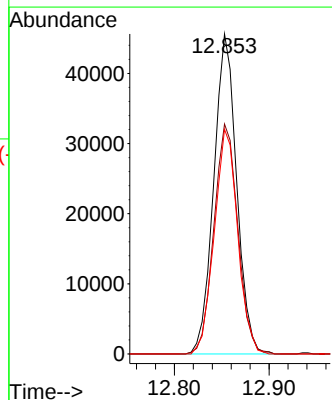
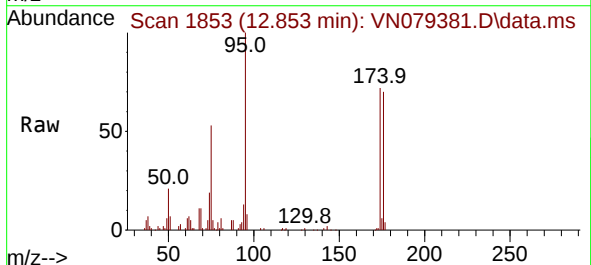
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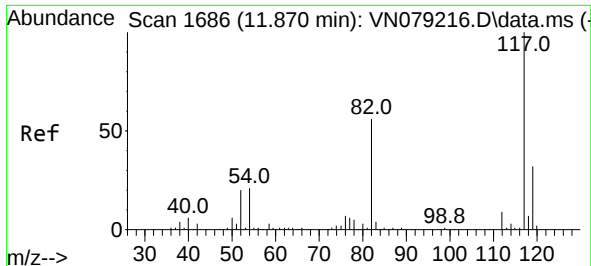
Tgt Ion: 43 Resp: 16211
Ion Ratio Lower Upper
43 100
58 26.8 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 44.317 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079381.D
Acq: 30 Sep 2023 12:58

Tgt Ion: 95 Resp: 76475
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.8 0.0 135.8

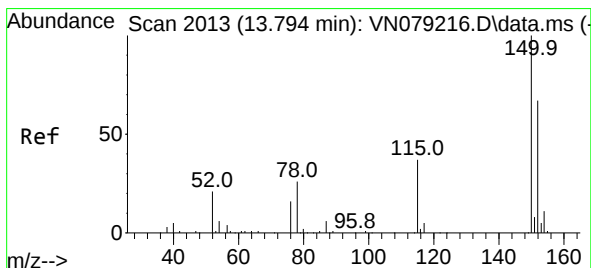
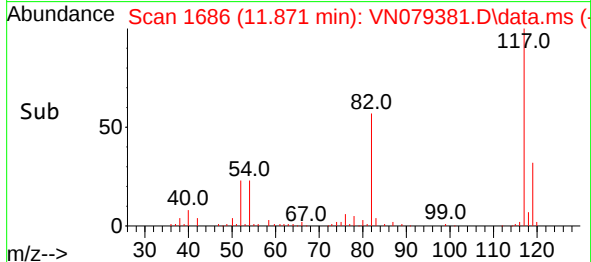
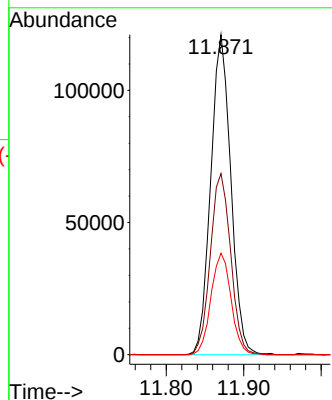
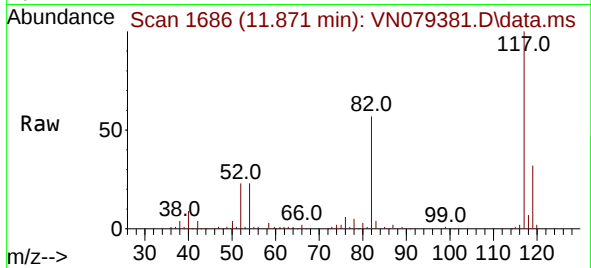




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079381.D
Acq: 30 Sep 2023 12:58

Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#01

Tgt Ion:117 Resp: 218038
Ion Ratio Lower Upper
117 100
82 56.6 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: VN079381.D
Acq: 30 Sep 2023 12:58

Tgt Ion:152 Resp: 50621
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 157.4 0.0 355.8

