

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079937.D
 Acq On : 06 Nov 2023 20:56
 Operator : JC\MD
 Sample : PB156885ZHE#20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#20

Quant Time: Nov 07 04:55:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

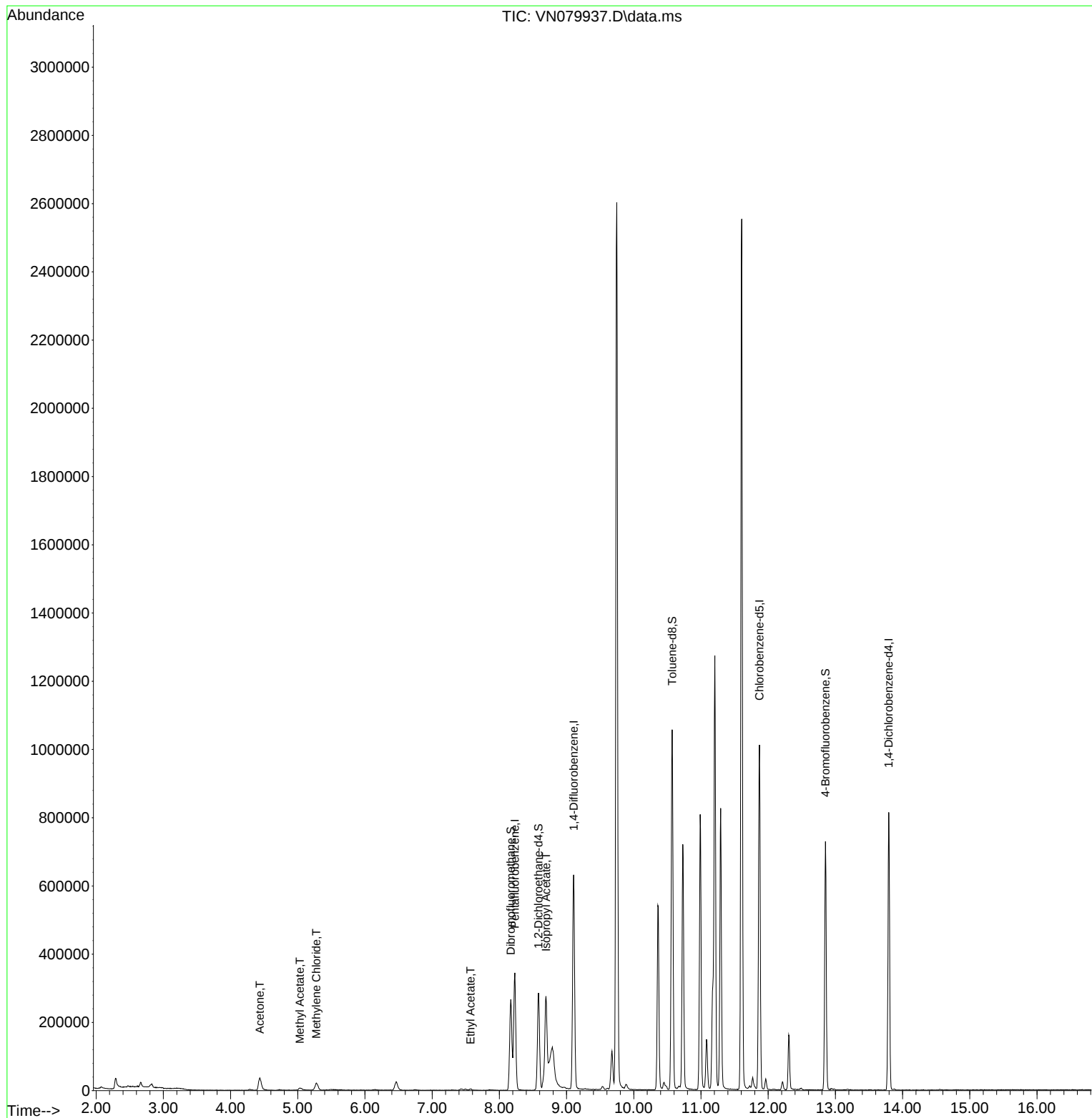
Internal Standards						
1) Pentafluorobenzene	8.230	168	233396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	522851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	567890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229704	64.599	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.200%#	
35) Dibromofluoromethane	8.171	113	189841	51.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.600%	
50) Toluene-d8	10.571	98	721710	52.977	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.960%	
62) 4-Bromofluorobenzene	12.853	95	244363	54.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	69273	55.461	ug/l	95
18) Methyl Acetate	5.030	43	15300	2.560	ug/l #	81
20) Methylene Chloride	5.277	84	16238	5.152	ug/l #	81
37) Ethyl Acetate	7.571	43	6697	1.382	ug/l #	79
43) Isopropyl Acetate	8.694	43	342609	40.316	ug/l #	74

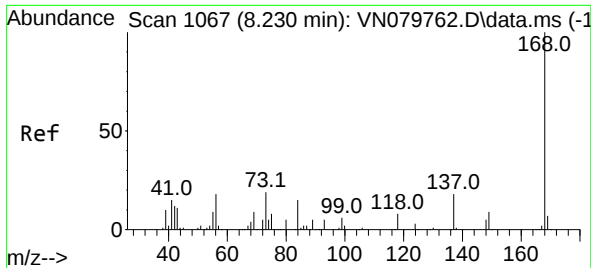
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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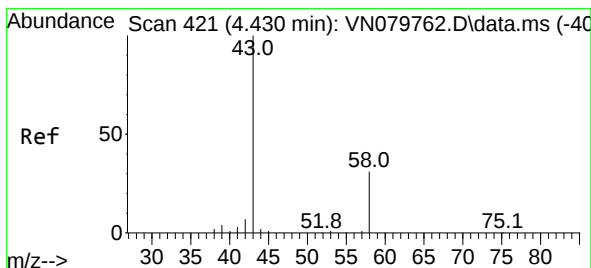
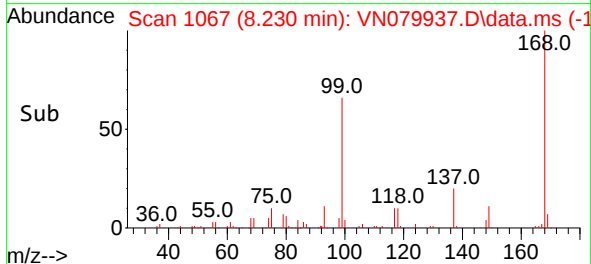
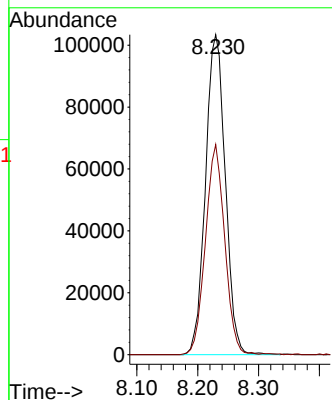
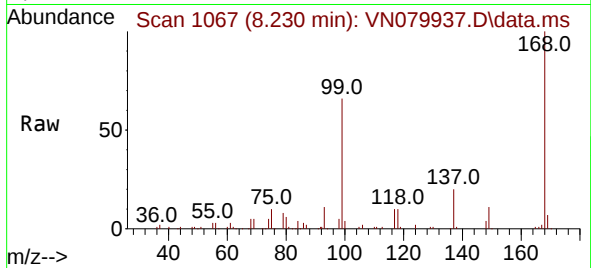




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079937.D
Acq: 06 Nov 2023 20:56

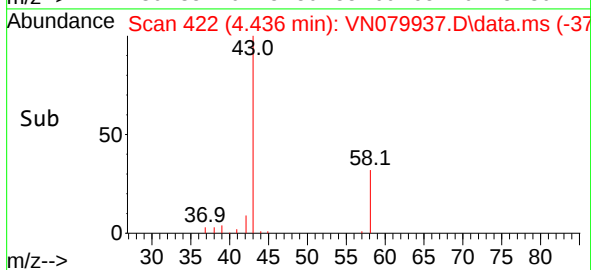
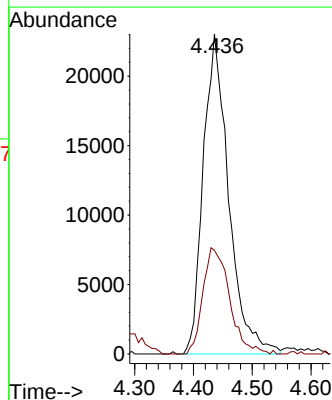
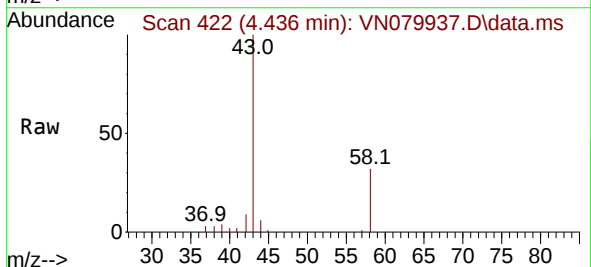
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#20

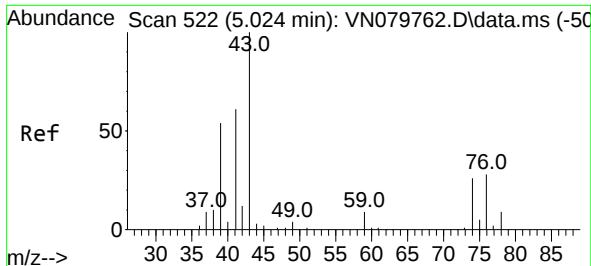
Tgt Ion:168 Resp: 233396
Ion Ratio Lower Upper
168 100
99 65.6 53.0 79.6



#16
Acetone
Concen: 55.461 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079937.D
Acq: 06 Nov 2023 20:56

Tgt Ion: 43 Resp: 69273
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0

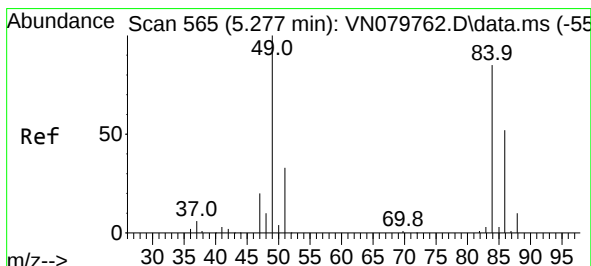
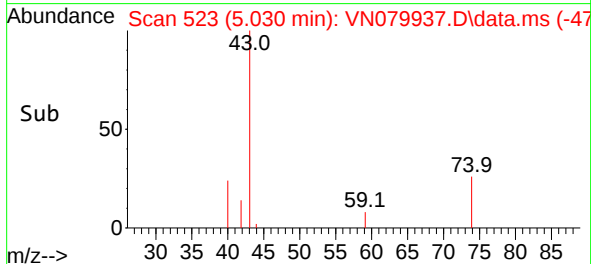
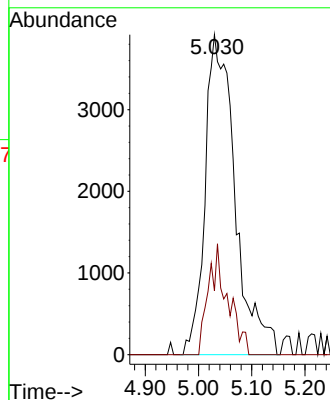
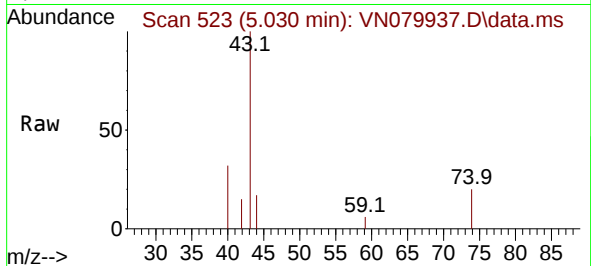




#18
Methyl Acetate
Concen: 2.560 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079937.D
Acq: 06 Nov 2023 20:56

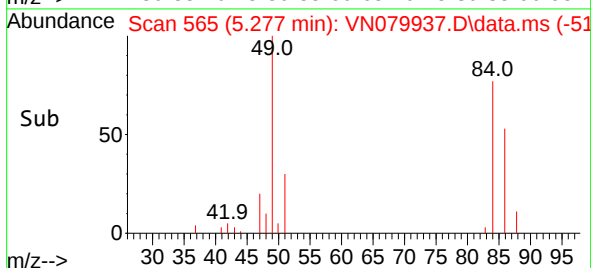
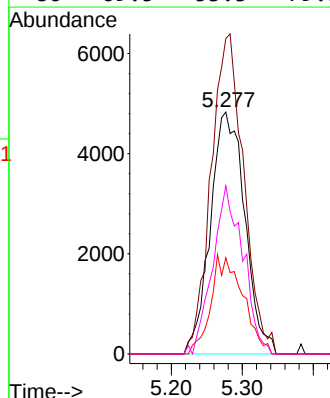
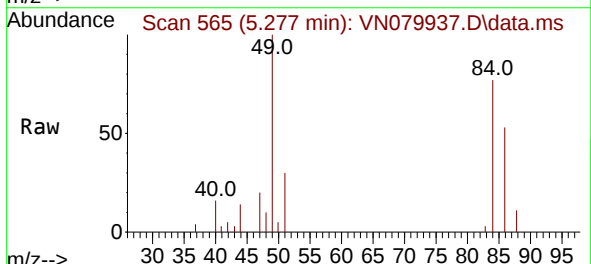
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#20

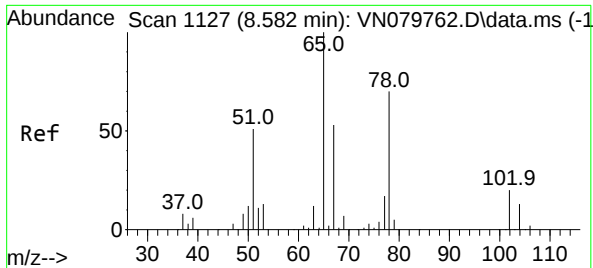
Tgt Ion: 43 Resp: 15300
Ion Ratio Lower Upper
43 100
74 22.2 26.2 39.4#



#20
Methylene Chloride
Concen: 5.152 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079937.D
Acq: 06 Nov 2023 20:56

Tgt Ion: 84 Resp: 16238
Ion Ratio Lower Upper
84 100
49 130.3 79.7 119.5#
51 39.7 25.2 37.8#
86 69.5 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 64.599 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079937.D

Acq: 06 Nov 2023 20:56

Instrument :

MSVOA_N

ClientSampleId :

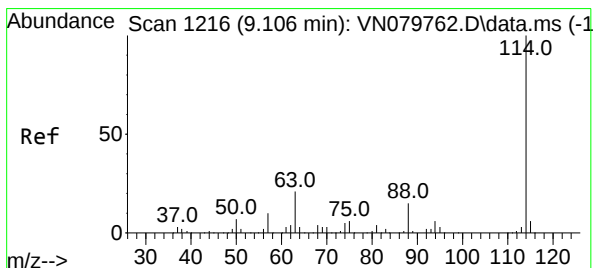
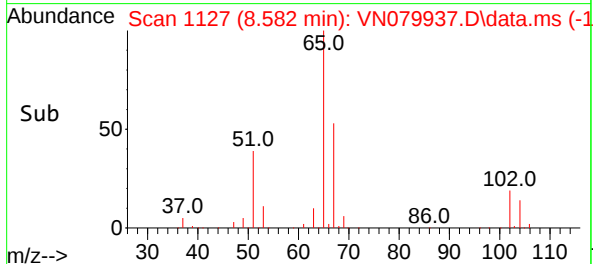
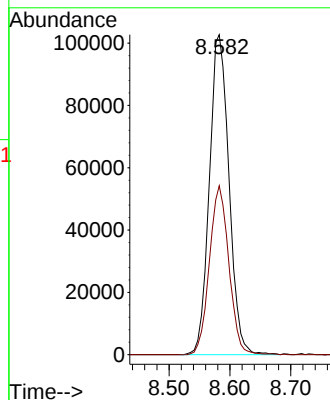
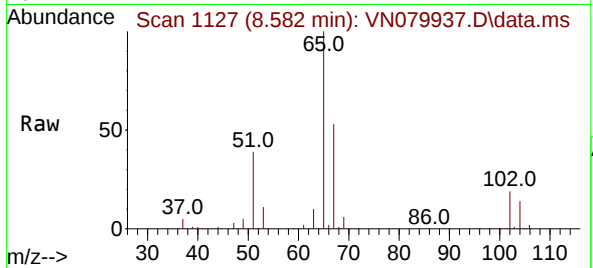
PB156885ZHE#20

Tgt Ion: 65 Resp: 229704

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079937.D

Acq: 06 Nov 2023 20:56

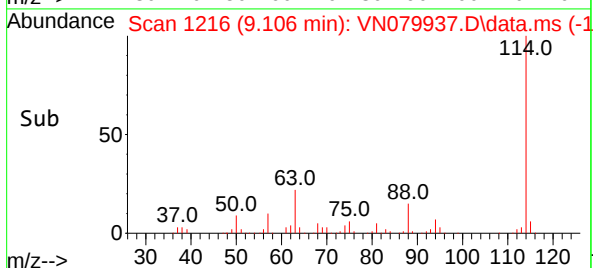
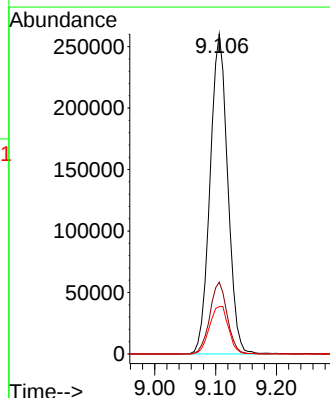
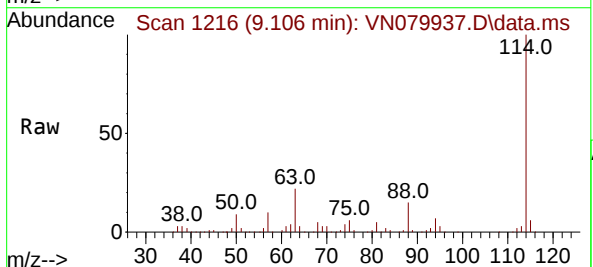
Tgt Ion: 114 Resp: 522851

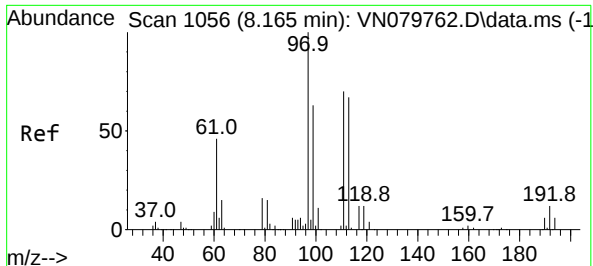
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.301 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079937.D

Acq: 06 Nov 2023 20:56

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#20

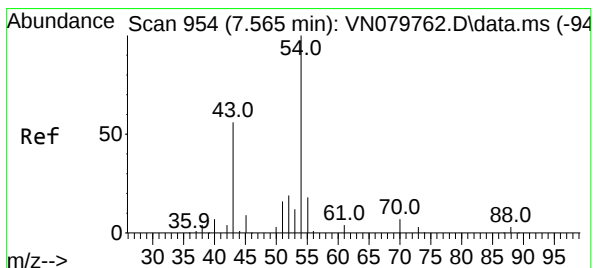
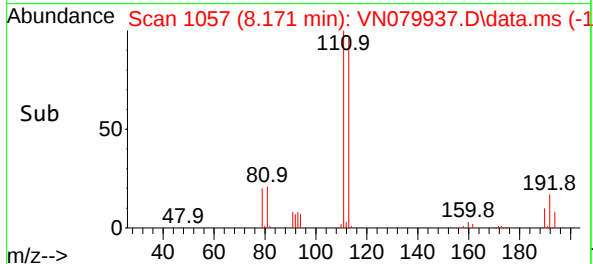
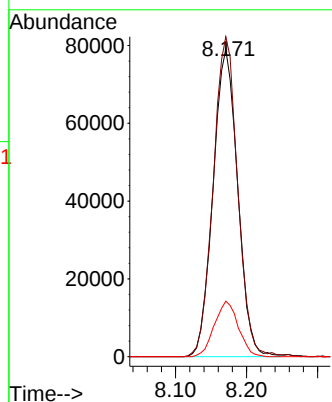
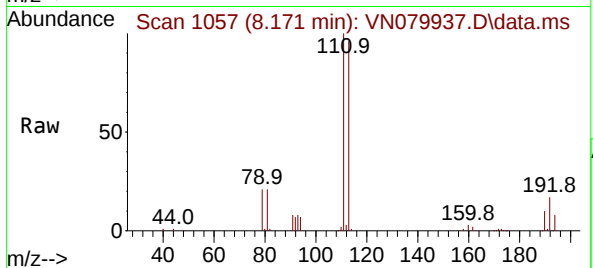
Tgt Ion:113 Resp: 189841

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 17.5 12.7 19.1



#37

Ethyl Acetate

Concen: 1.382 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN079937.D

Acq: 06 Nov 2023 20:56

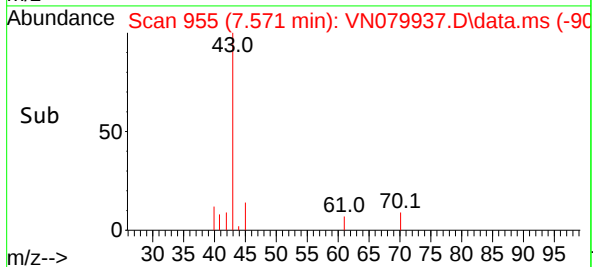
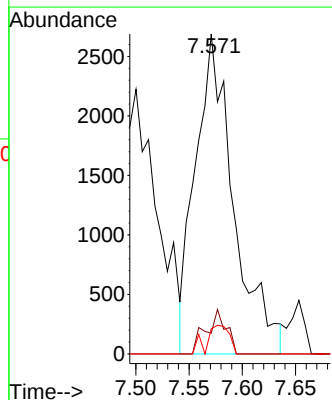
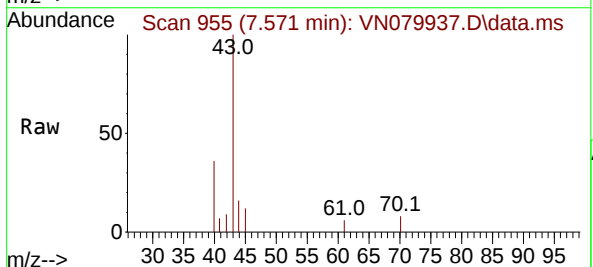
Tgt Ion: 43 Resp: 6697

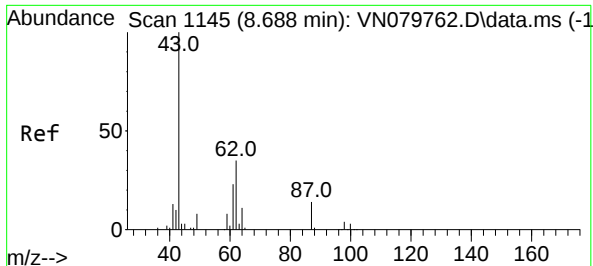
Ion Ratio Lower Upper

43 100

61 7.3 13.2 19.8#

70 5.3 11.3 16.9#

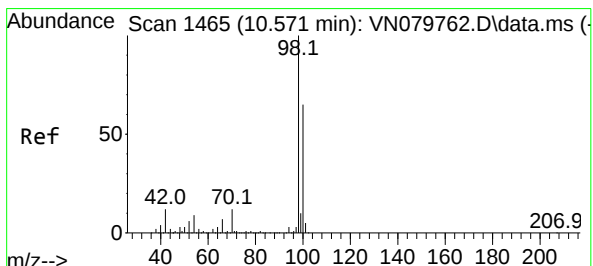
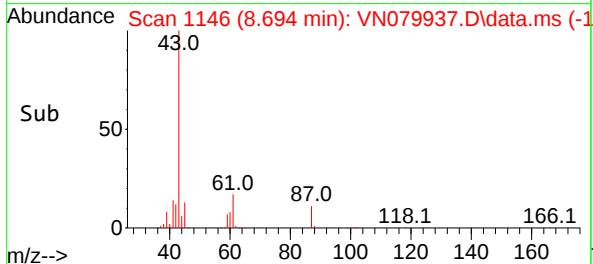
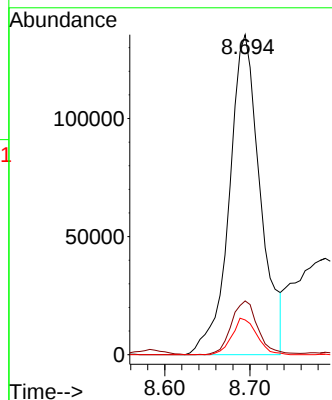
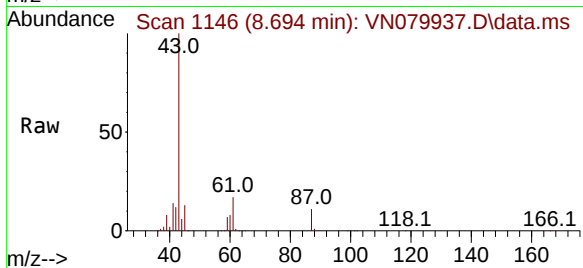




#43
Isopropyl Acetate
Concen: 40.316 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079937.D
Acq: 06 Nov 2023 20:56

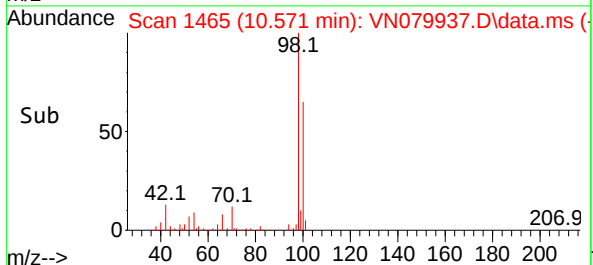
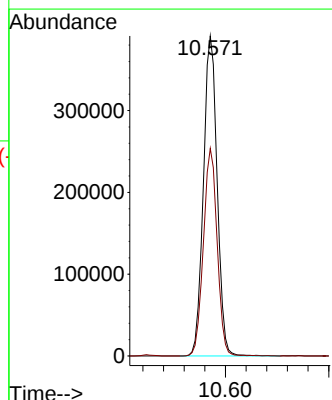
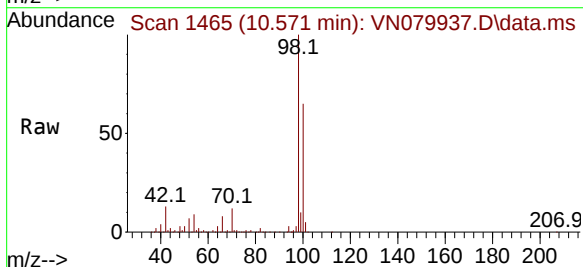
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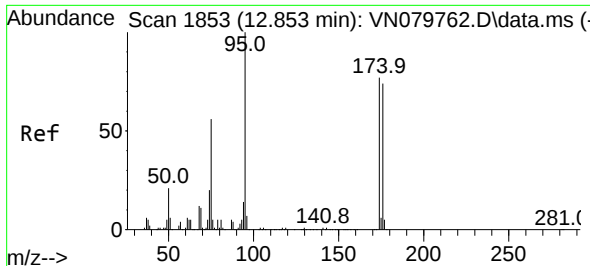
Tgt Ion: 43 Resp: 342609
Ion Ratio Lower Upper
43 100
61 14.5 24.7 37.1#
87 9.1 14.6 21.8#



#50
Toluene-d8
Concen: 52.977 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079937.D
Acq: 06 Nov 2023 20:56

Tgt Ion: 98 Resp: 721710
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

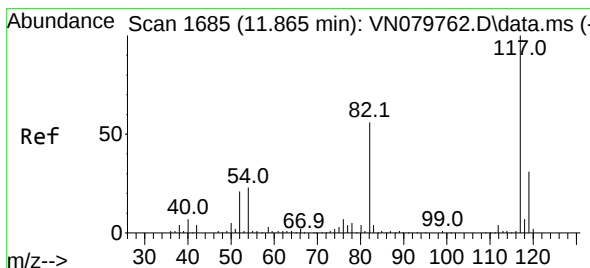
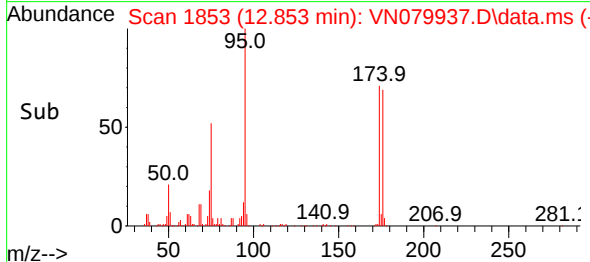
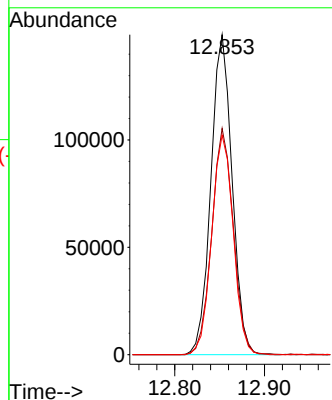
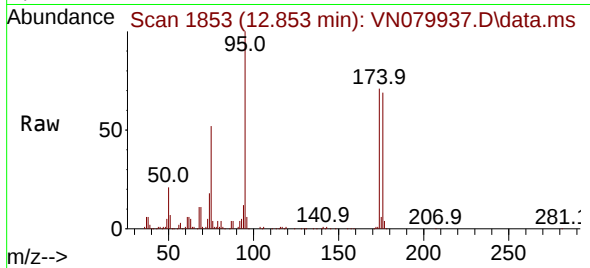




#62
4-Bromofluorobenzene
Concen: 54.086 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079937.D
Acq: 06 Nov 2023 20:56

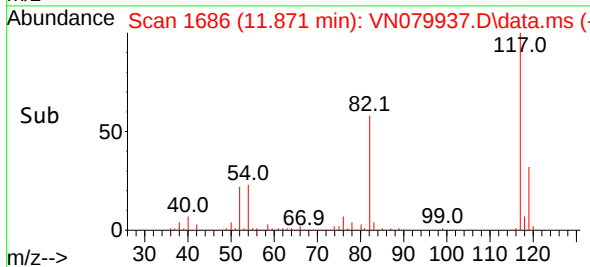
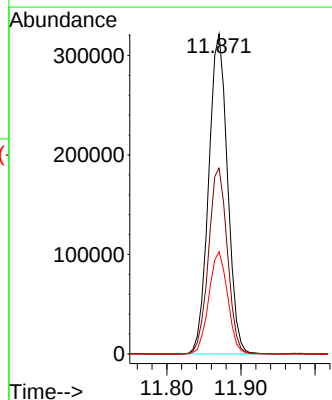
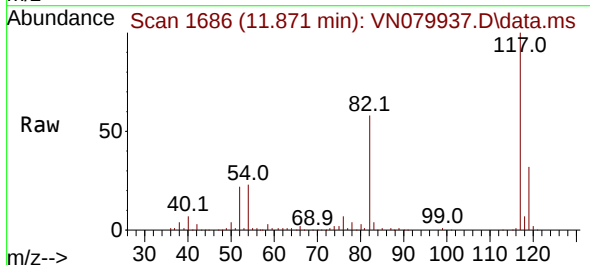
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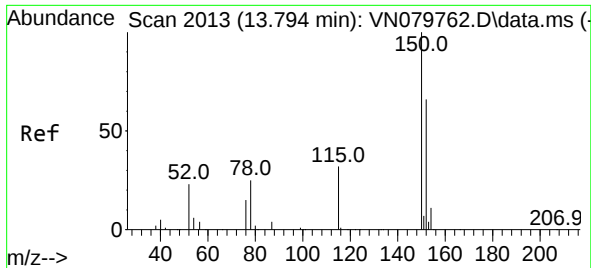
Tgt Ion: 95 Resp: 244363
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 69.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079937.D
Acq: 06 Nov 2023 20:56

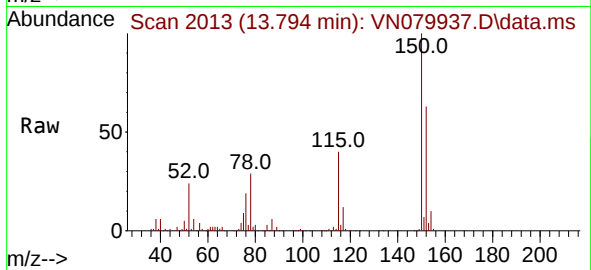
Tgt Ion: 117 Resp: 567890
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079937.D
 Acq: 06 Nov 2023 20:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#20



Tgt Ion:152 Resp: 208549
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 157.8 0.0 355.8

