

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079926.D
 Acq On : 06 Nov 2023 16:33
 Operator : JC\MD
 Sample : PB156885ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#09

Quant Time: Nov 07 04:50:09 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)

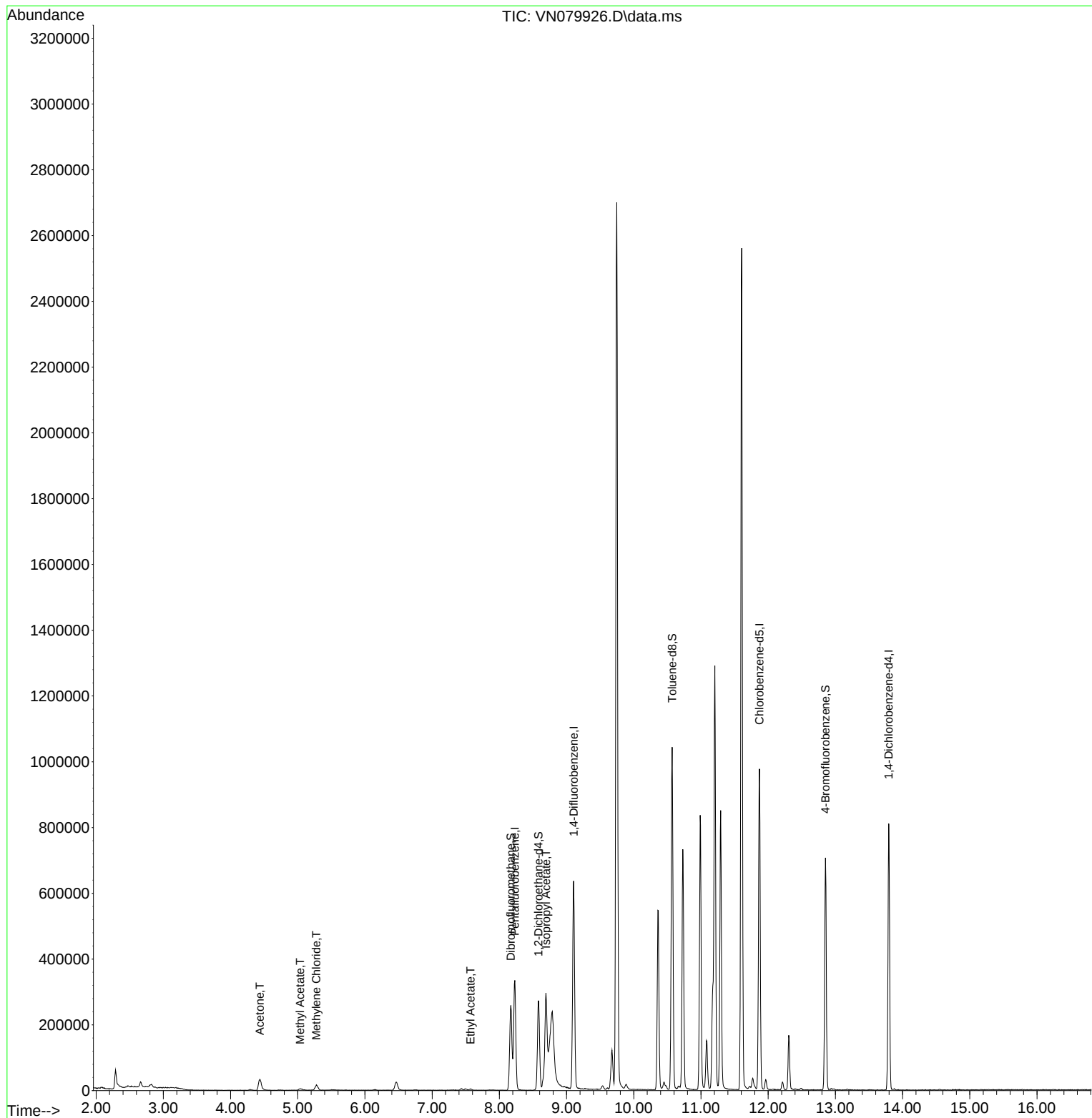
Internal Standards						
1) Pentafluorobenzene	8.230	168	229647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	551431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	226170	64.643	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.280%#	
35) Dibromofluoromethane	8.171	113	183777	50.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.320%	
50) Toluene-d8	10.571	98	697018	51.679	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.360%	
62) 4-Bromofluorobenzene	12.853	95	235168	52.573	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	65776	53.521	ug/l	94
18) Methyl Acetate	5.036	43	9920	1.687	ug/l #	79
20) Methylene Chloride	5.277	84	12216	3.939	ug/l	95
37) Ethyl Acetate	7.571	43	7026	1.464	ug/l #	79
43) Isopropyl Acetate	8.694	43	361372	42.951	ug/l #	74

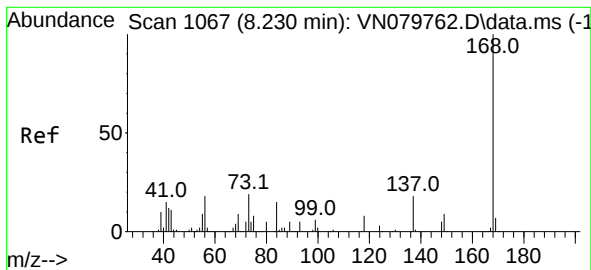
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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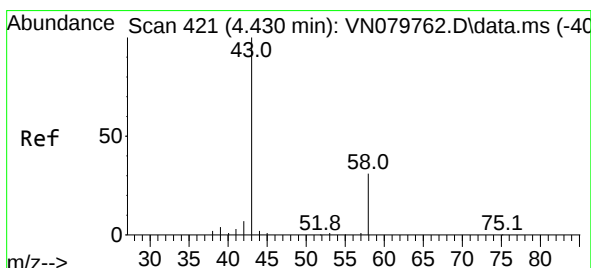
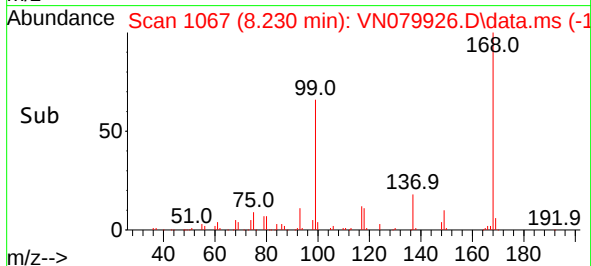
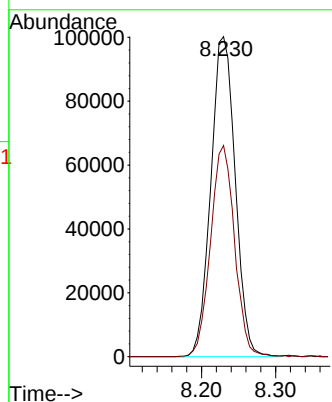
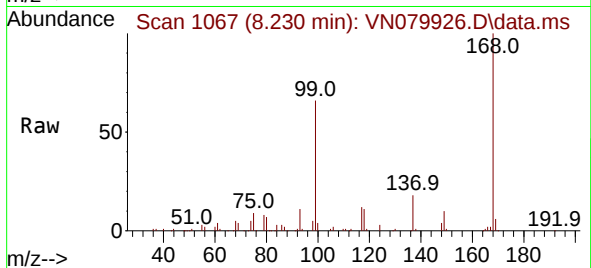




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN079926.D
Acq: 06 Nov 2023 16:33

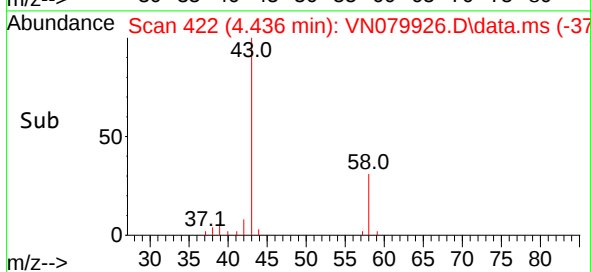
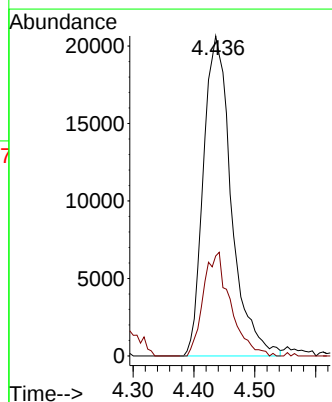
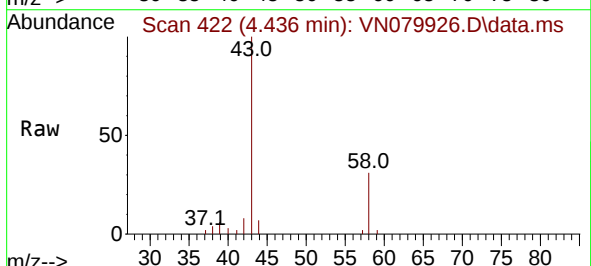
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#09

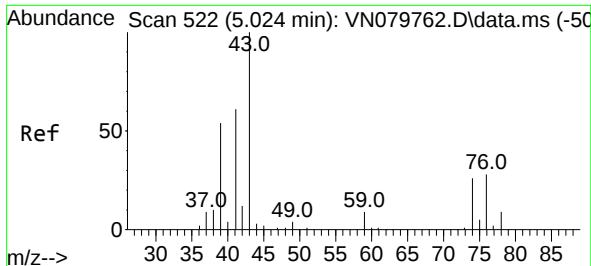
Tgt Ion:168 Resp: 229647
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#16
Acetone
Concen: 53.521 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079926.D
Acq: 06 Nov 2023 16:33

Tgt Ion: 43 Resp: 65776
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0

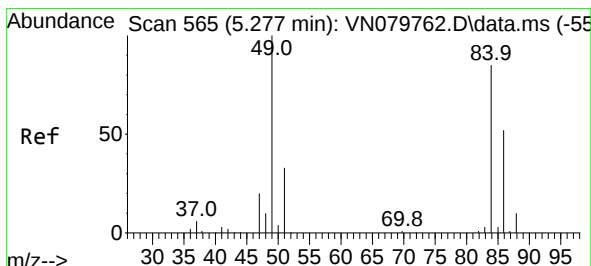
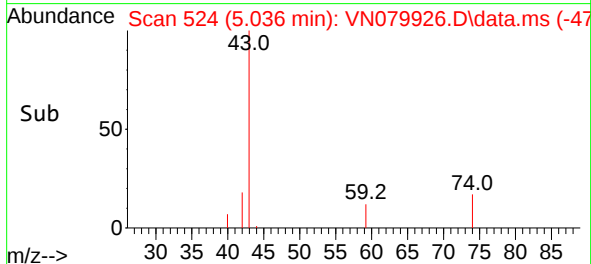
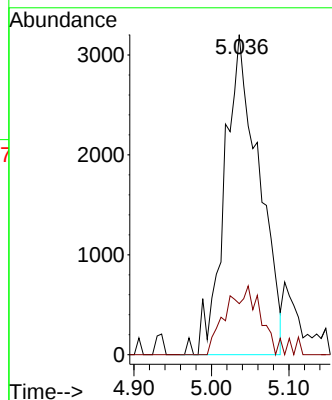
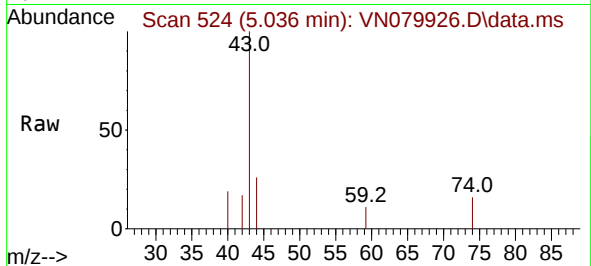




#18
Methyl Acetate
Concen: 1.687 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079926.D
Acq: 06 Nov 2023 16:33

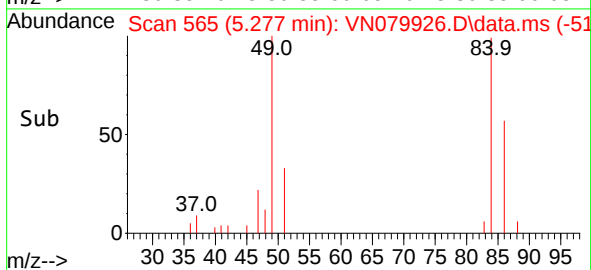
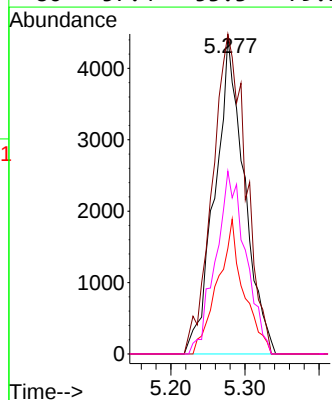
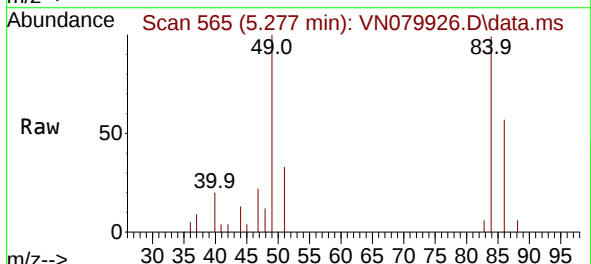
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#09

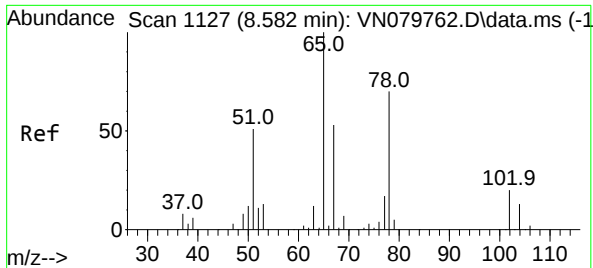
Tgt Ion: 43 Resp: 9920
Ion Ratio Lower Upper
43 100
74 21.0 26.2 39.4#



#20
Methylene Chloride
Concen: 3.939 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079926.D
Acq: 06 Nov 2023 16:33

Tgt Ion: 84 Resp: 12216
Ion Ratio Lower Upper
84 100
49 100.5 79.7 119.5
51 33.2 25.2 37.8
86 57.4 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 64.643 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079926.D

Acq: 06 Nov 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

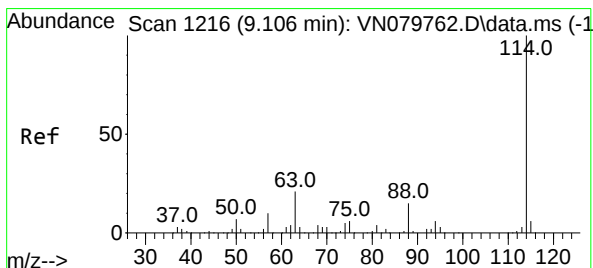
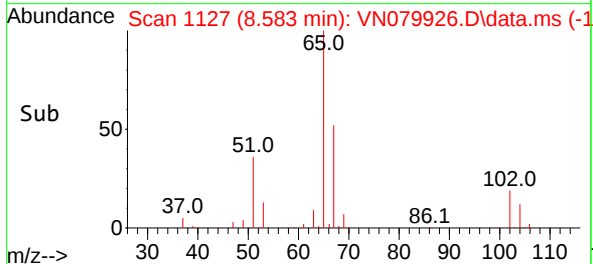
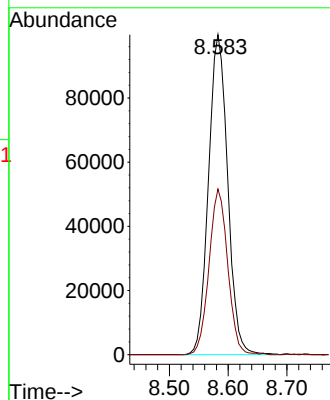
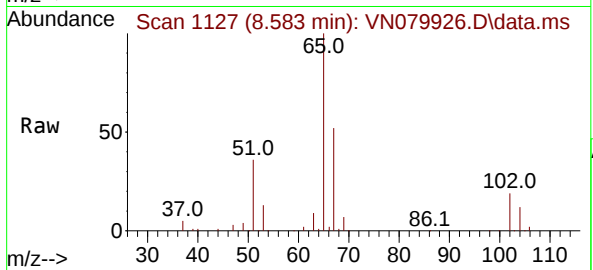
PB156885ZHE#09

Tgt Ion: 65 Resp: 226170

Ion Ratio Lower Upper

65 100

67 50.6 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: VN079926.D

Acq: 06 Nov 2023 16:33

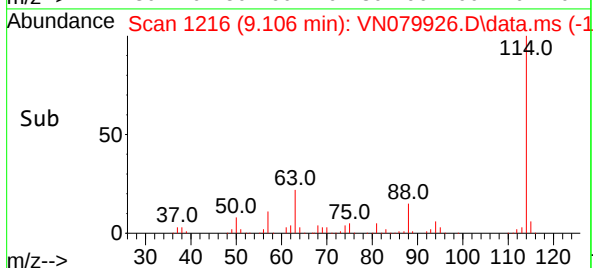
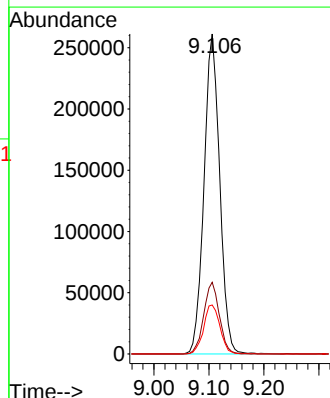
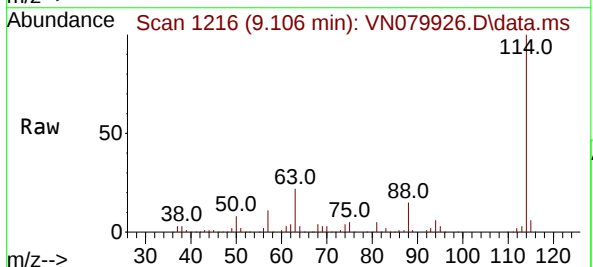
Tgt Ion: 114 Resp: 517654

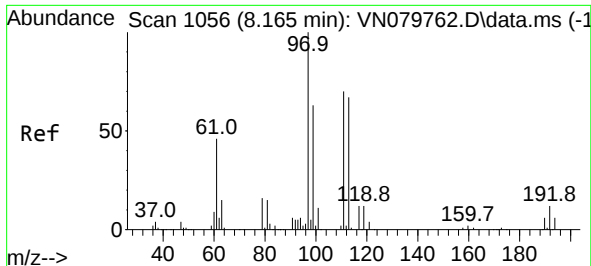
Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.161 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079926.D

Acq: 06 Nov 2023 16:33

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#09

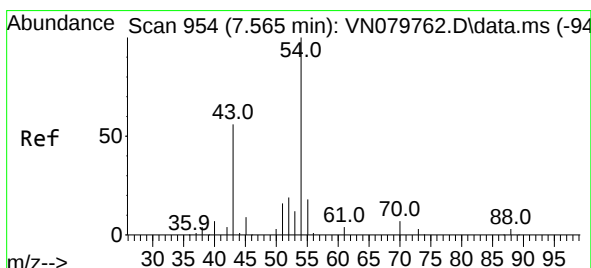
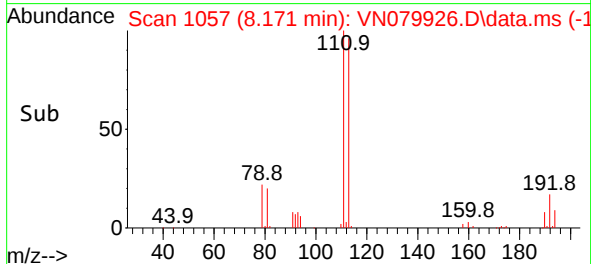
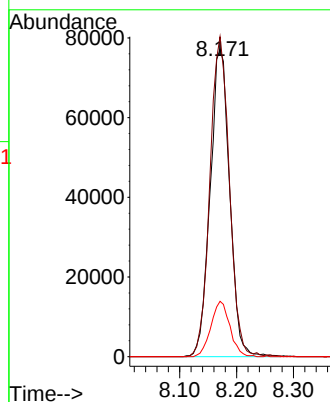
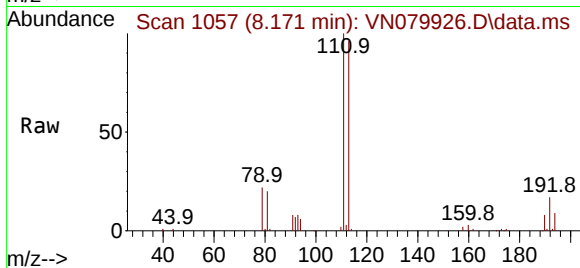
Tgt Ion:113 Resp: 183777

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 17.5 12.7 19.1



#37

Ethyl Acetate

Concen: 1.464 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN079926.D

Acq: 06 Nov 2023 16:33

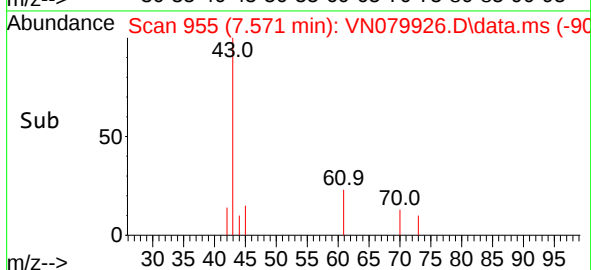
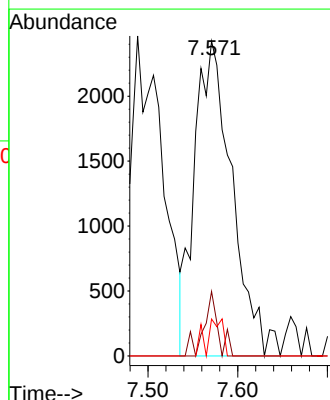
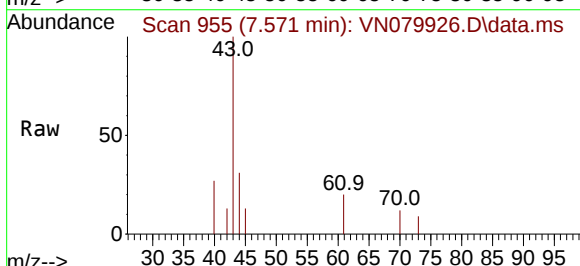
Tgt Ion: 43 Resp: 7026

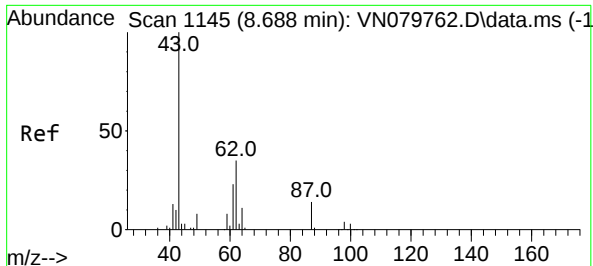
Ion Ratio Lower Upper

43 100

61 7.9 13.2 19.8#

70 5.2 11.3 16.9#

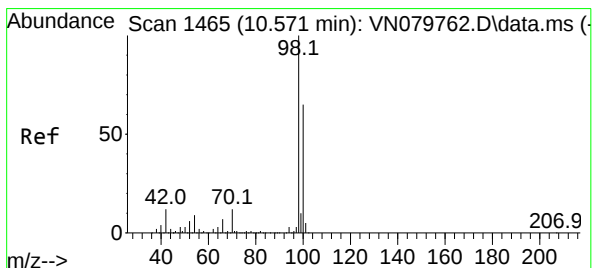
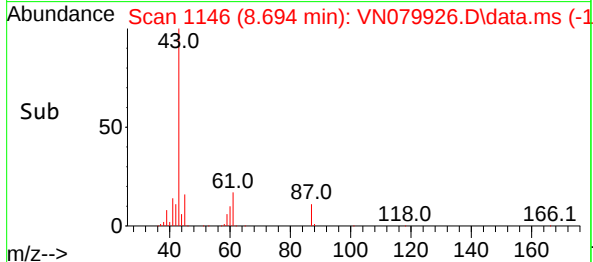
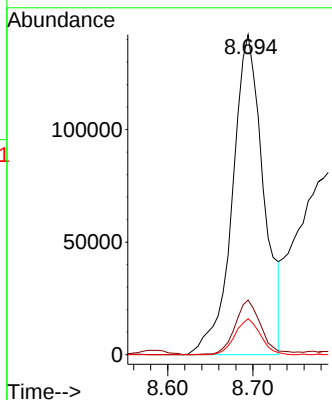
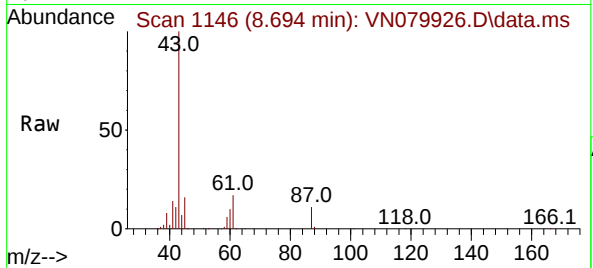




#43
Isopropyl Acetate
Concen: 42.951 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079926.D
Acq: 06 Nov 2023 16:33

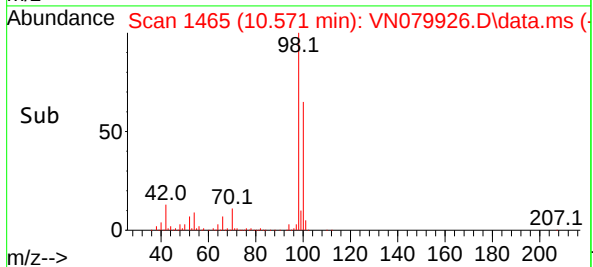
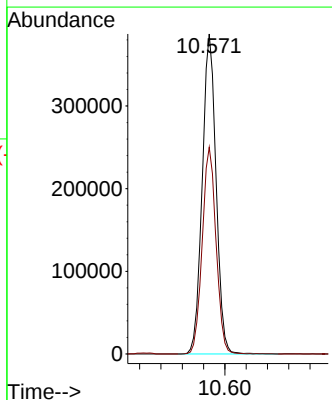
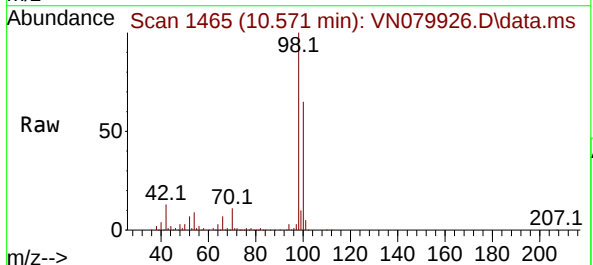
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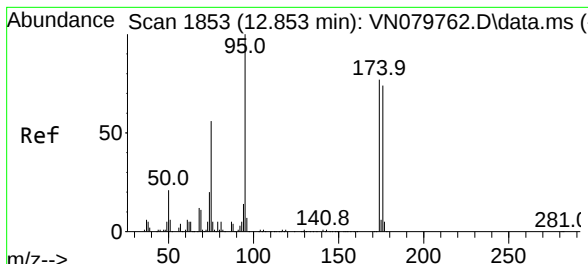
Tgt Ion: 43 Resp: 361372
Ion Ratio Lower Upper
43 100
61 14.5 24.7 37.1#
87 9.1 14.6 21.8#



#50
Toluene-d8
Concen: 51.679 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079926.D
Acq: 06 Nov 2023 16:33

Tgt Ion: 98 Resp: 697018
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

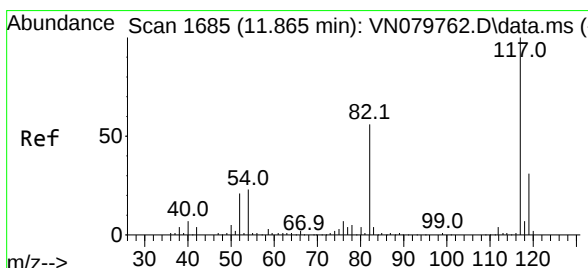
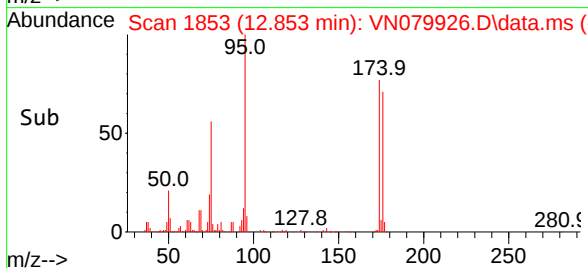
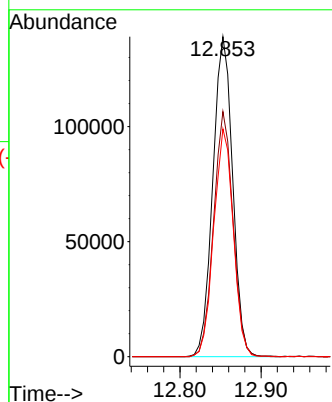
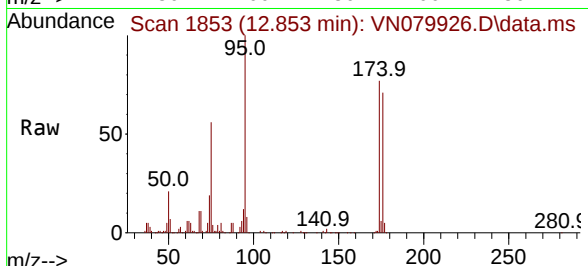




#62
4-Bromofluorobenzene
Concen: 52.573 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079926.D
Acq: 06 Nov 2023 16:33

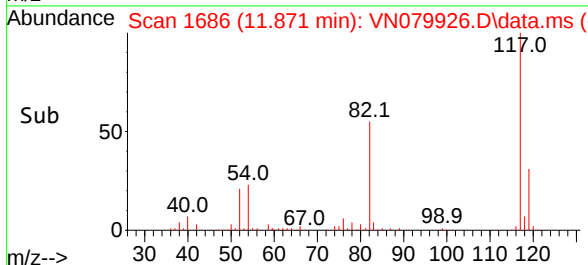
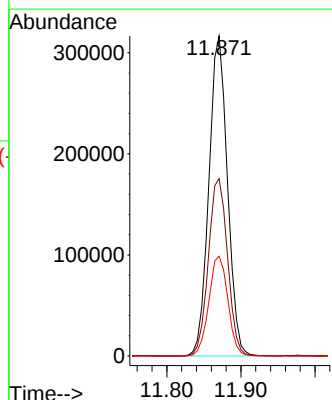
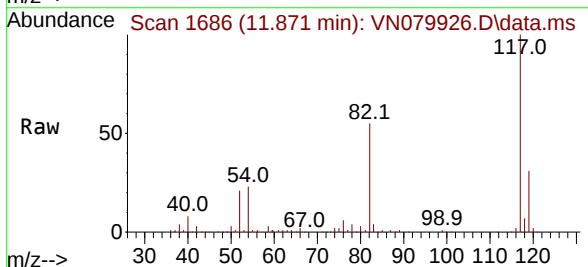
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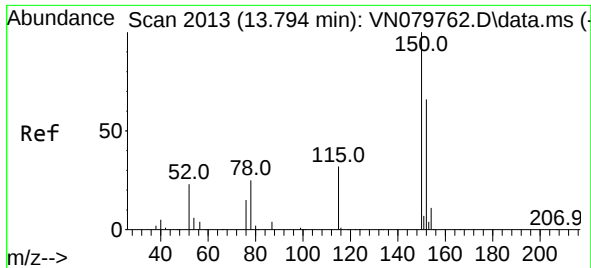
Tgt Ion: 95 Resp: 235168
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 70.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079926.D
Acq: 06 Nov 2023 16:33

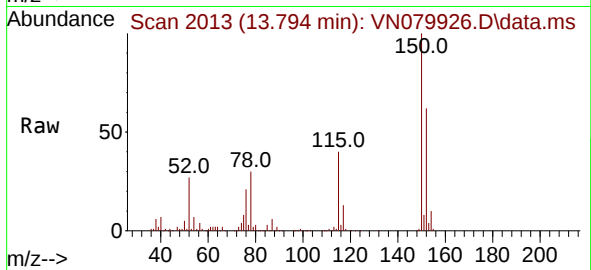
Tgt Ion: 117 Resp: 551431
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079926.D
 Acq: 06 Nov 2023 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#09



Tgt Ion:	152	Resp:	202567
Ion Ratio	Lower	Upper	
152	100		
115	64.2	32.3	96.8
150	156.8	0.0	355.8

