

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079931.D
 Acq On : 06 Nov 2023 18:33
 Operator : JC\MD
 Sample : PB156885ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#14

Quant Time: Nov 07 04:52:30 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)

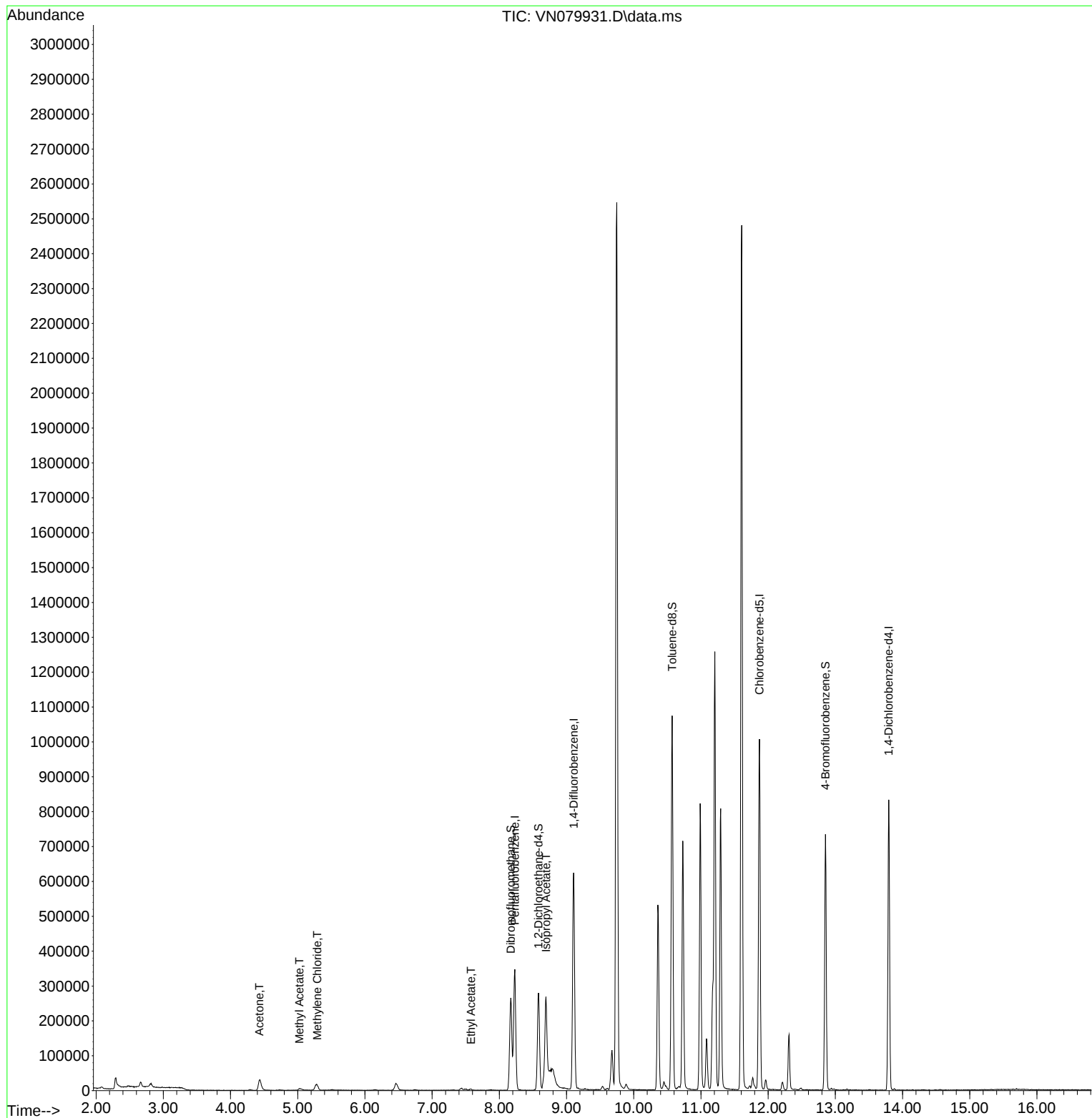
Internal Standards						
1) Pentafluorobenzene	8.230	168	236446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	520173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	572079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	227779	63.231	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.460%#	
35) Dibromofluoromethane	8.171	113	187950	51.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.100%	
50) Toluene-d8	10.571	98	710722	52.439	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.880%	
62) 4-Bromofluorobenzene	12.853	95	244688	54.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.880%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	59154	46.749	ug/l #	85
18) Methyl Acetate	5.024	43	10844	1.791	ug/l #	59
20) Methylene Chloride	5.289	84	12904	4.042	ug/l	89
37) Ethyl Acetate	7.577	43	6386	1.325	ug/l #	74
43) Isopropyl Acetate	8.694	43	350038	41.402	ug/l #	73

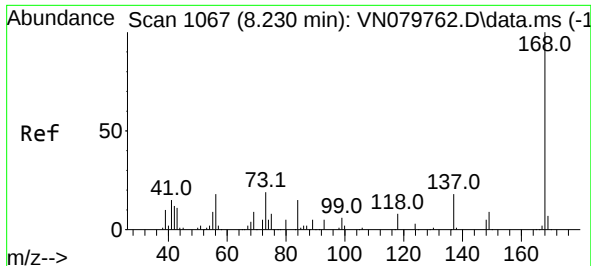
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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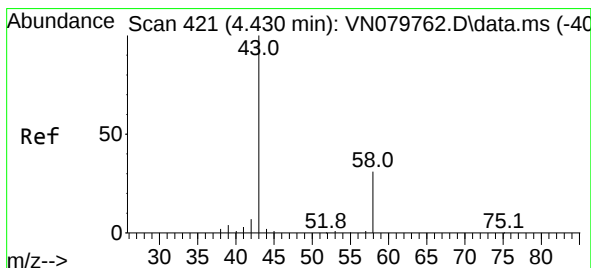
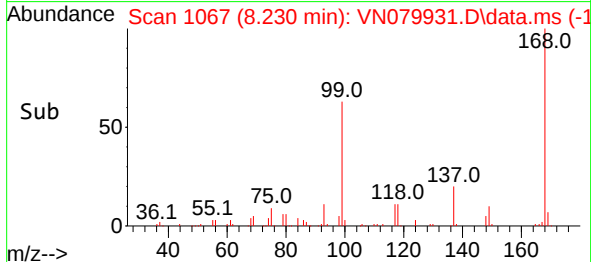
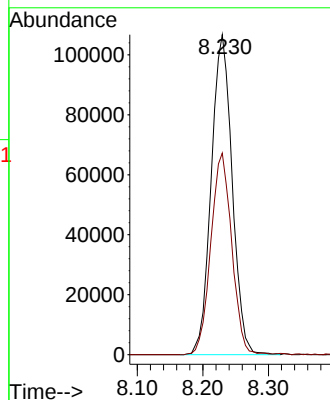
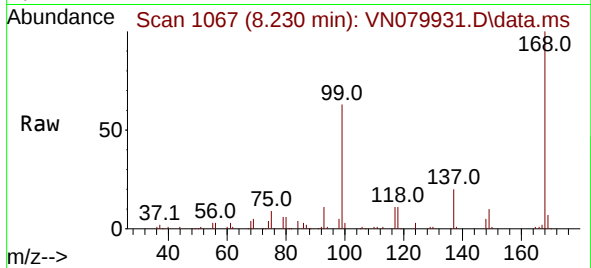




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079931.D
Acq: 06 Nov 2023 18:33

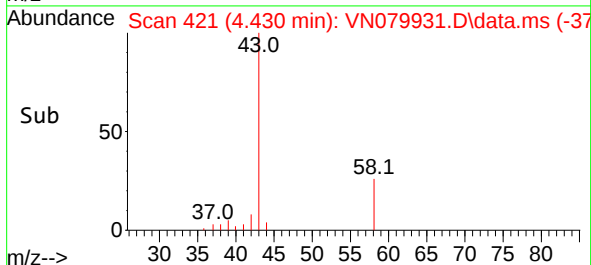
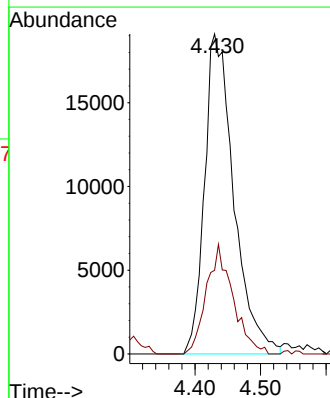
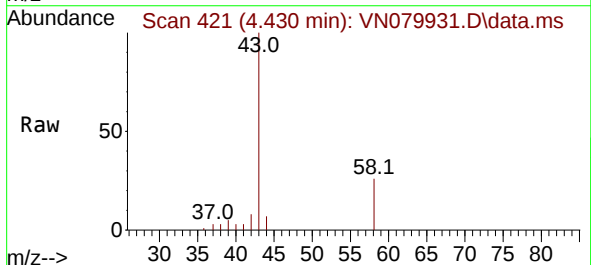
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#14

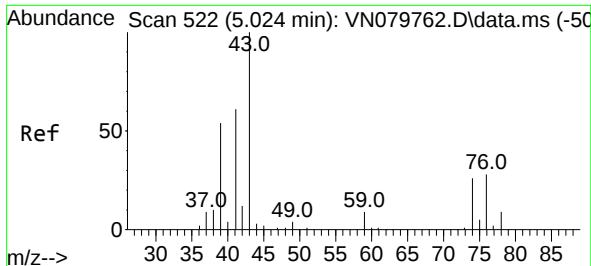
Tgt Ion:168 Resp: 236446
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#16
Acetone
Concen: 46.749 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079931.D
Acq: 06 Nov 2023 18:33

Tgt Ion: 43 Resp: 59154
Ion Ratio Lower Upper
43 100
58 26.1 28.0 42.0#

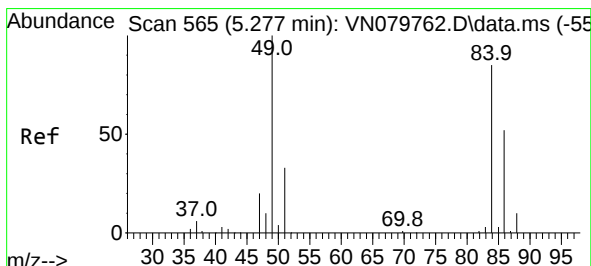
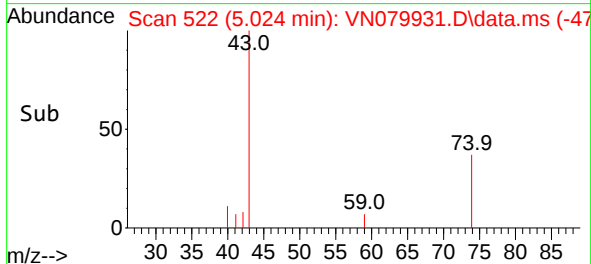
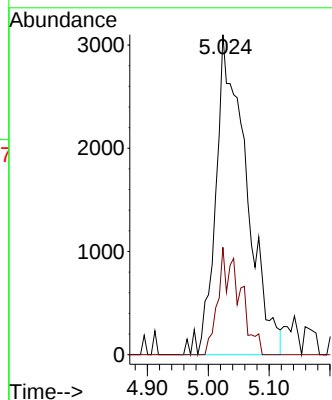
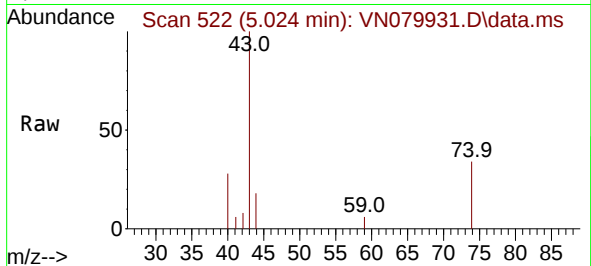




#18
Methyl Acetate
Concen: 1.791 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN079931.D
Acq: 06 Nov 2023 18:33

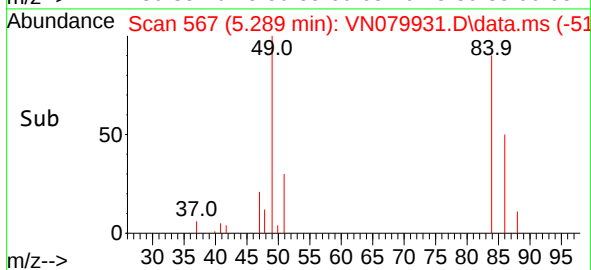
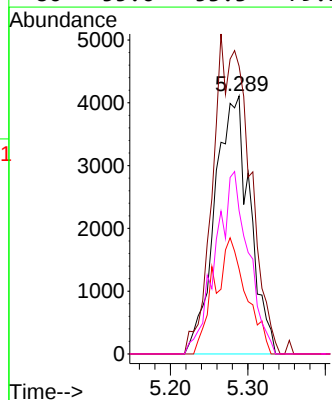
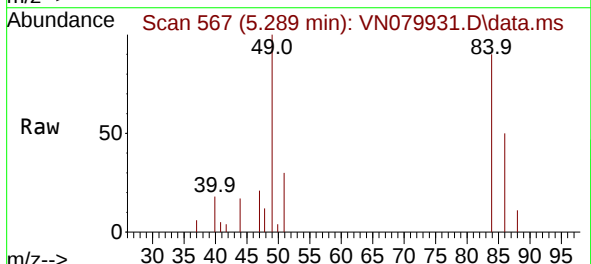
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#14

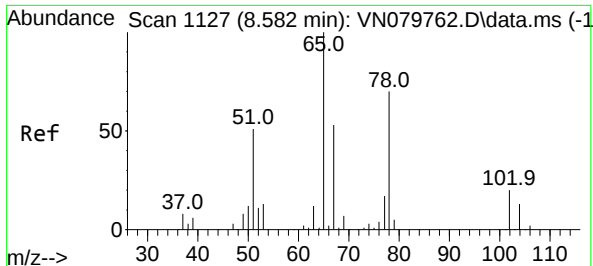
Tgt Ion: 43 Resp: 10844
Ion Ratio Lower Upper
43 100
74 9.8 26.2 39.4#



#20
Methylene Chloride
Concen: 4.042 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.018 min
Lab File: VN079931.D
Acq: 06 Nov 2023 18:33

Tgt Ion: 84 Resp: 12904
Ion Ratio Lower Upper
84 100
49 111.6 79.7 119.5
51 33.0 25.2 37.8
86 55.6 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 63.231 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079931.D

Acq: 06 Nov 2023 18:33

Instrument :

MSVOA_N

ClientSampleId :

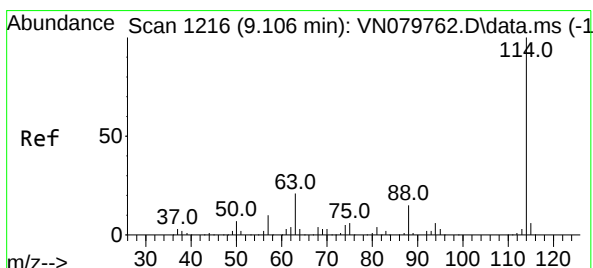
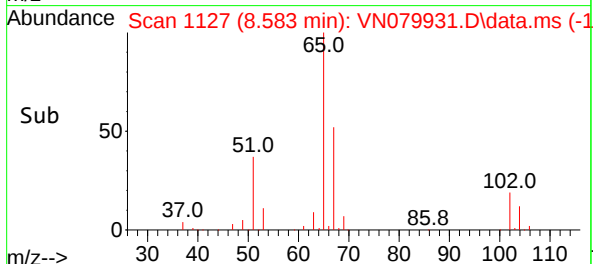
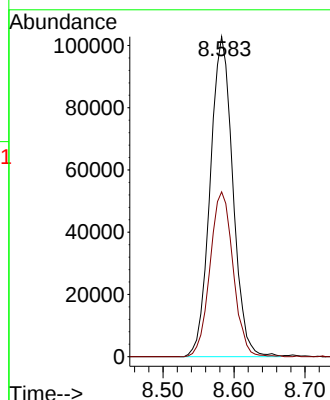
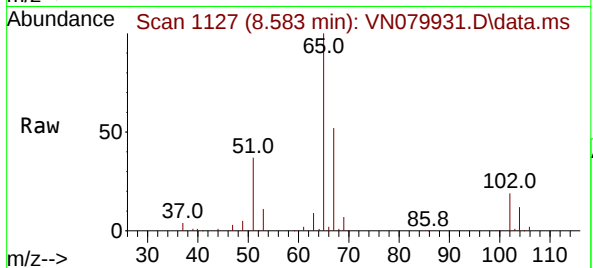
PB156885ZHE#14

Tgt Ion: 65 Resp: 227779

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. 0.000 min

Lab File: VN079931.D

Acq: 06 Nov 2023 18:33

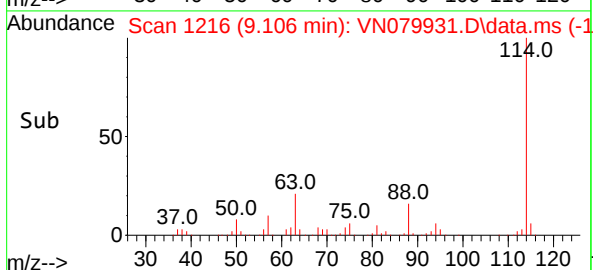
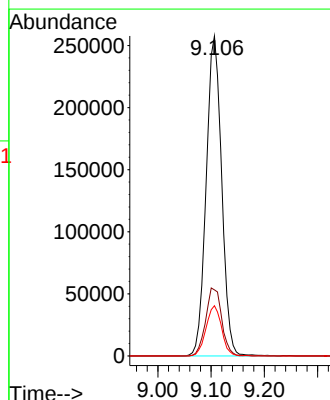
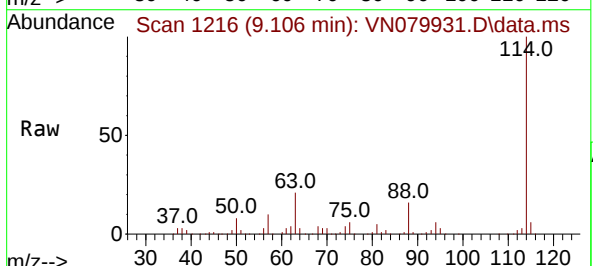
Tgt Ion: 114 Resp: 520173

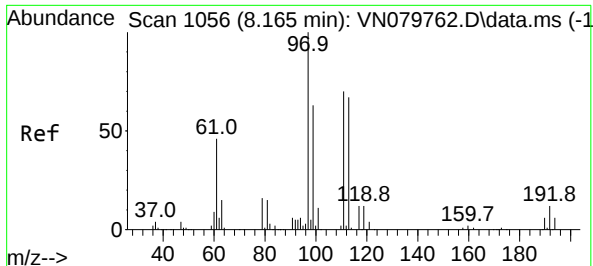
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 15.7 0.0 30.6

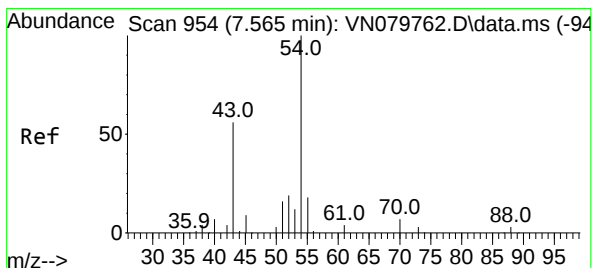
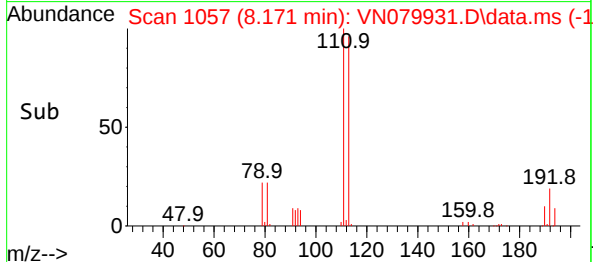
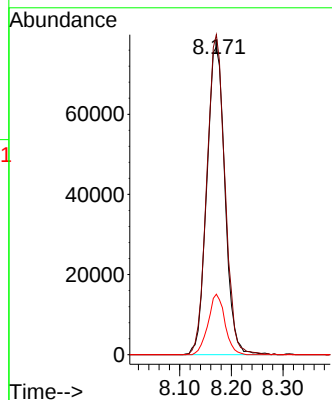
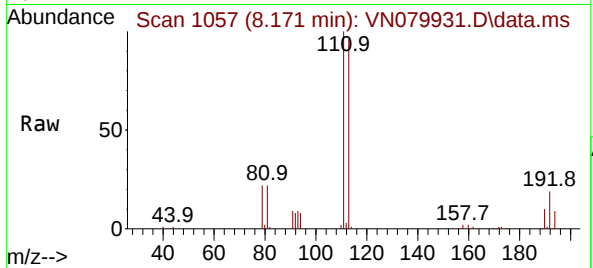




#35
Dibromofluoromethane
Concen: 51.052 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079931.D
Acq: 06 Nov 2023 18:33

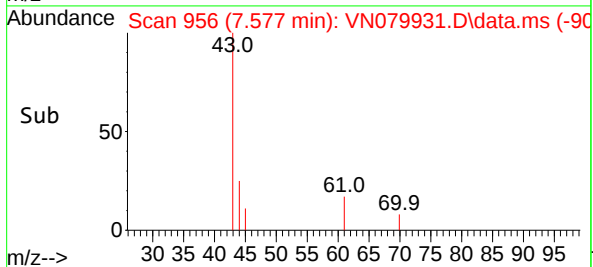
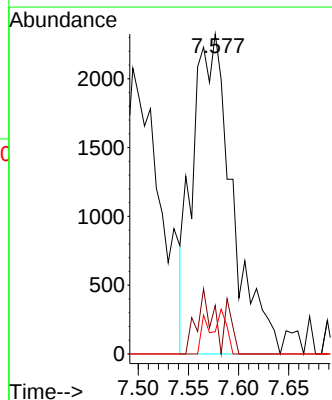
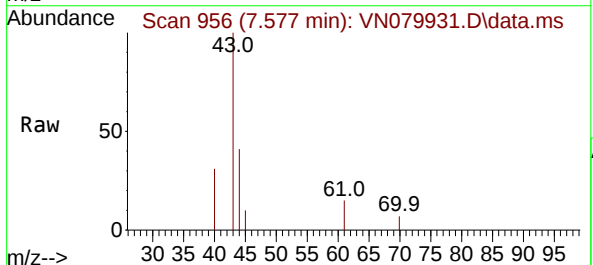
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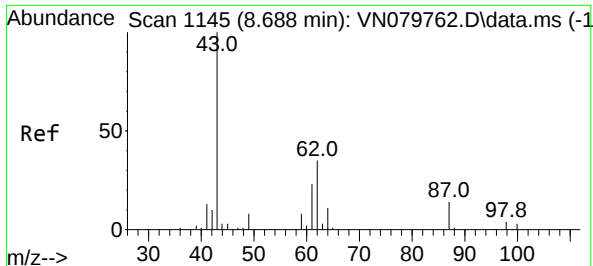
Tgt Ion:113 Resp: 187950
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.1 12.7 19.1



#37
Ethyl Acetate
Concen: 1.325 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.012 min
Lab File: VN079931.D
Acq: 06 Nov 2023 18:33

Tgt Ion: 43 Resp: 6386
Ion Ratio Lower Upper
43 100
61 3.3 13.2 19.8#
70 6.2 11.3 16.9#





#43

Isopropyl Acetate

Concen: 41.402 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079931.D

Acq: 06 Nov 2023 18:33

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#14

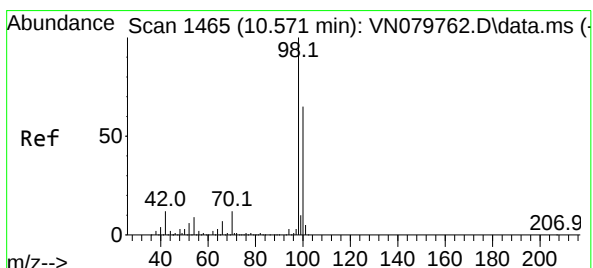
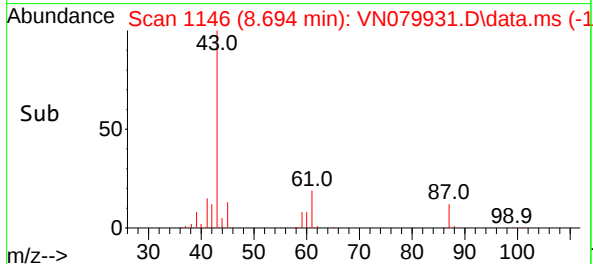
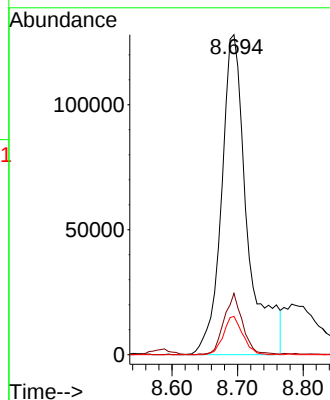
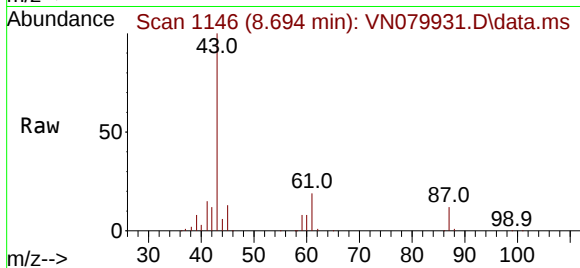
Tgt Ion: 43 Resp: 350038

Ion Ratio Lower Upper

43 100

61 13.9 24.7 37.1#

87 8.9 14.6 21.8#



#50

Toluene-d8

Concen: 52.439 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079931.D

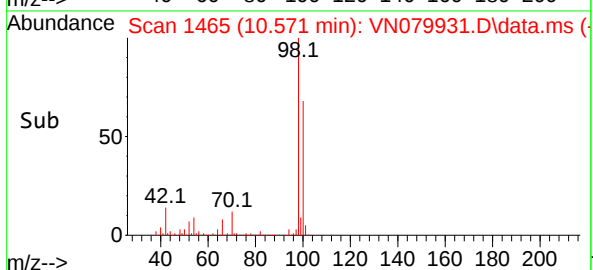
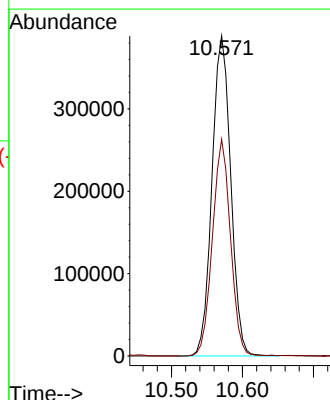
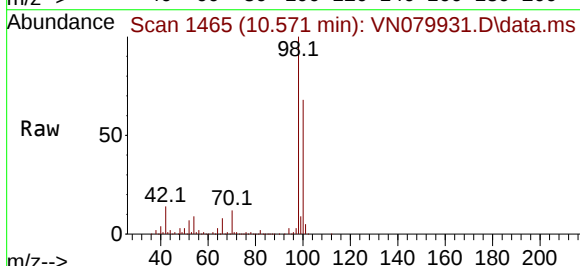
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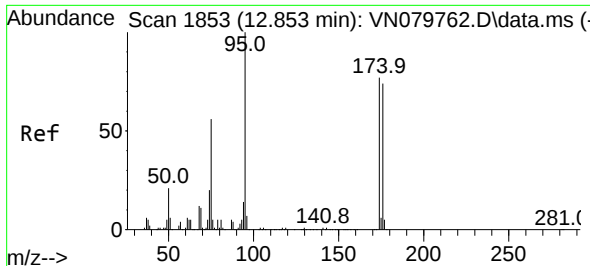
Tgt Ion: 98 Resp: 710722

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

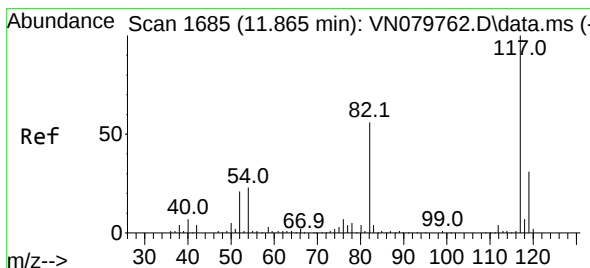
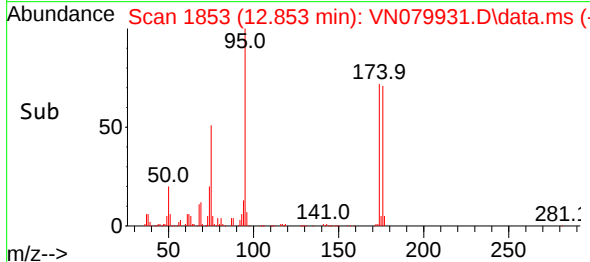
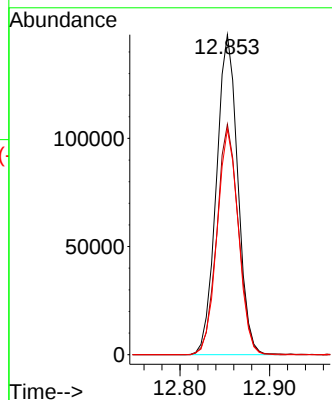
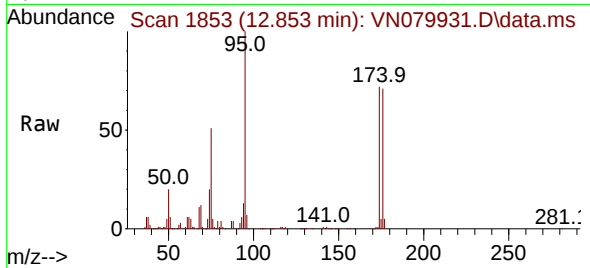




#62
4-Bromofluorobenzene
Concen: 54.437 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079931.D
Acq: 06 Nov 2023 18:33

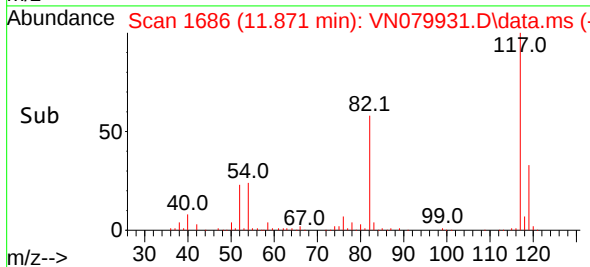
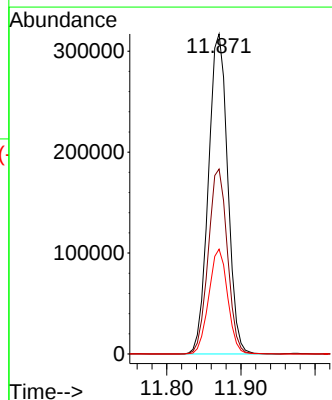
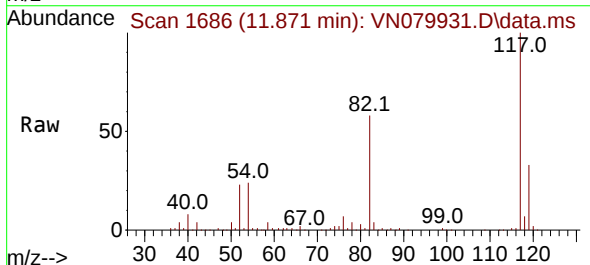
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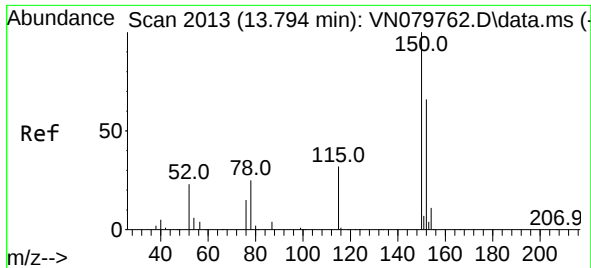
Tgt Ion: 95 Resp: 244688
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 70.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079931.D
Acq: 06 Nov 2023 18:33

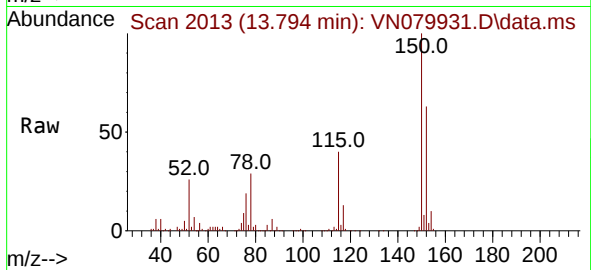
Tgt Ion: 117 Resp: 572079
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 32.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079931.D
 Acq: 06 Nov 2023 18:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#14



Tgt Ion:152 Resp: 210297
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 159.8 0.0 355.8

