

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079928.D
 Acq On : 06 Nov 2023 17:21
 Operator : JC\MD
 Sample : PB156885ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#11

Quant Time: Nov 07 04:51:07 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)

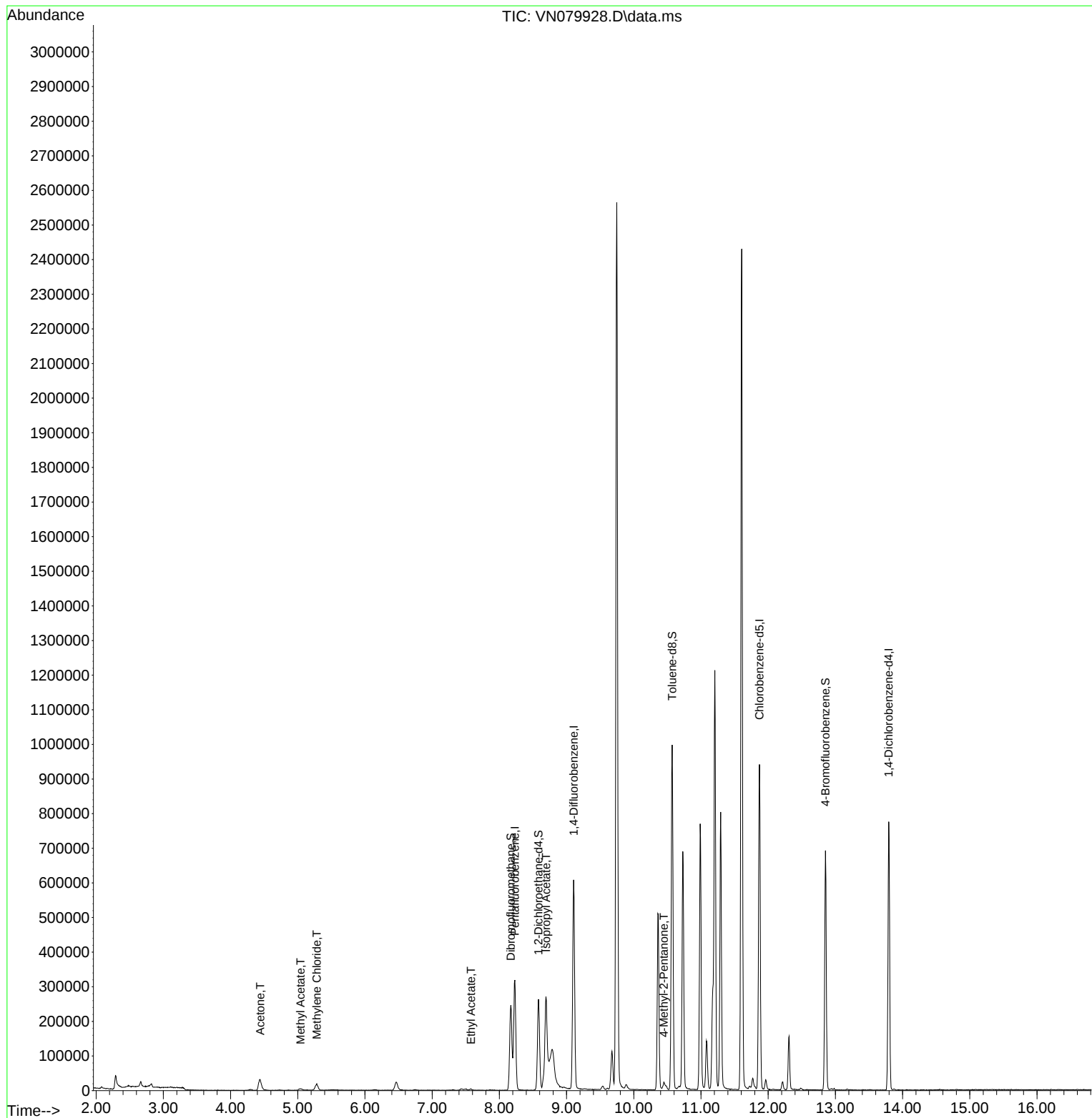
Internal Standards						
1) Pentafluorobenzene	8.229	168	221671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	493426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	529417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214518	63.519	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 127.040%#		
35) Dibromofluoromethane	8.171	113	177298	50.769	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.540%		
50) Toluene-d8	10.570	98	675073	52.509	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.020%		
62) 4-Bromofluorobenzene	12.853	95	231775	54.359	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.720%		
Target Compounds						
						Qvalue
16) Acetone	4.441	43	62430	52.626	ug/l	88
18) Methyl Acetate	5.041	43	9659	1.702	ug/l #	82
20) Methylene Chloride	5.283	84	12917	4.315	ug/l #	78
37) Ethyl Acetate	7.577	43	6410	1.402	ug/l #	83
43) Isopropyl Acetate	8.694	43	350575	43.713	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	23499	5.205	ug/l #	63

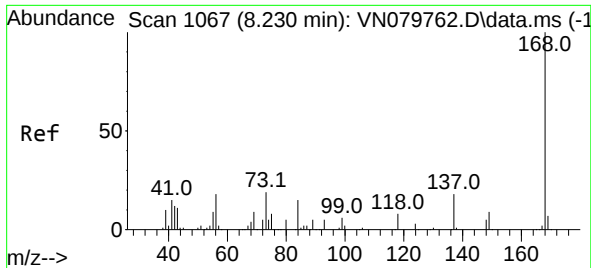
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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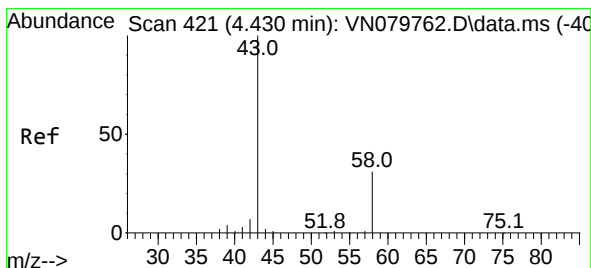
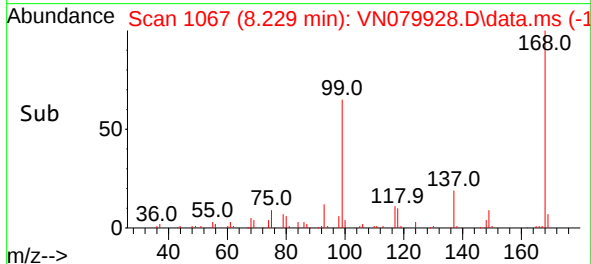
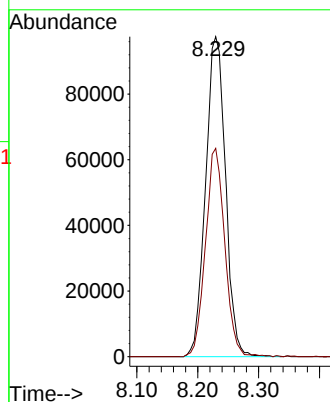
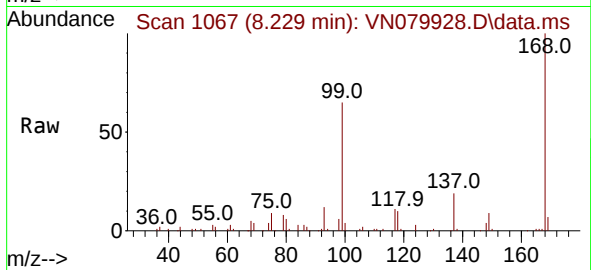




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN079928.D
Acq: 06 Nov 2023 17:21

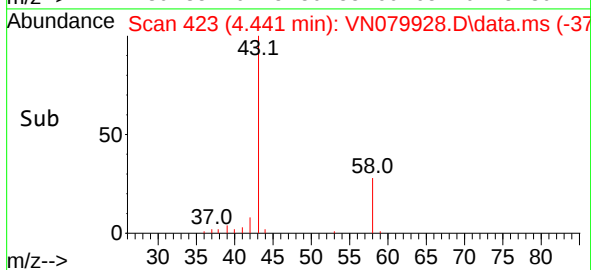
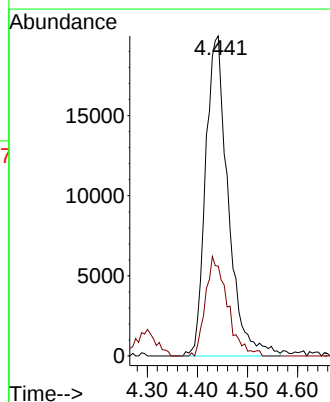
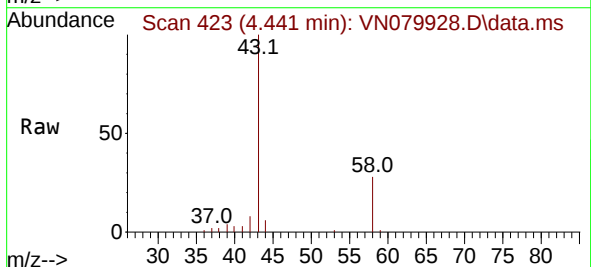
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#11

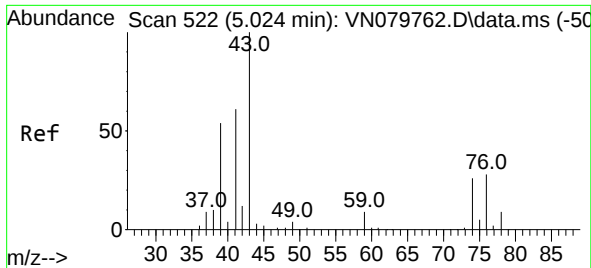
Tgt Ion:168 Resp: 221671
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#16
Acetone
Concen: 52.626 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079928.D
Acq: 06 Nov 2023 17:21

Tgt Ion: 43 Resp: 62430
Ion Ratio Lower Upper
43 100
58 28.1 28.0 42.0

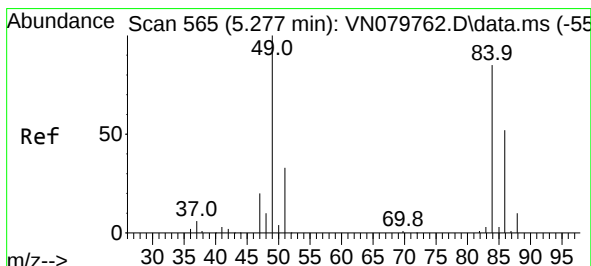
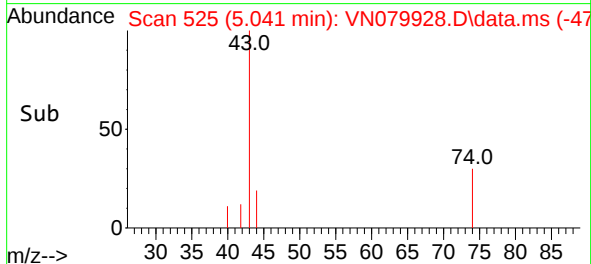
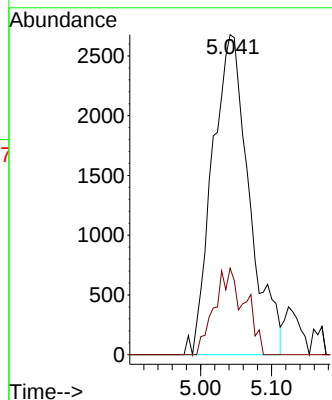
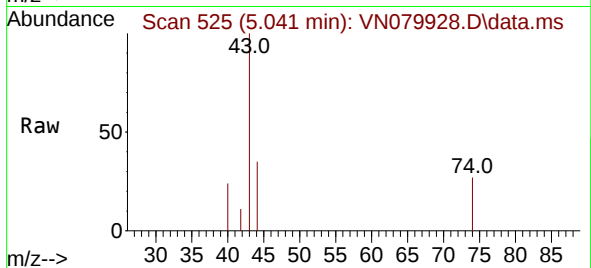




#18
Methyl Acetate
Concen: 1.702 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079928.D
Acq: 06 Nov 2023 17:21

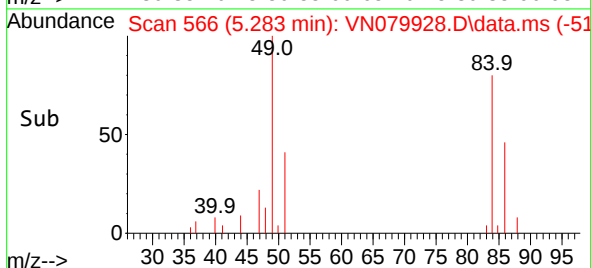
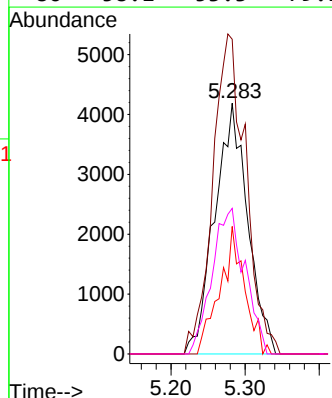
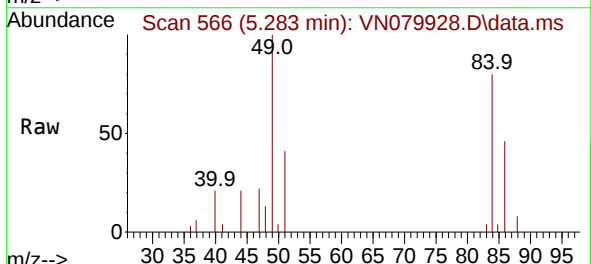
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#11

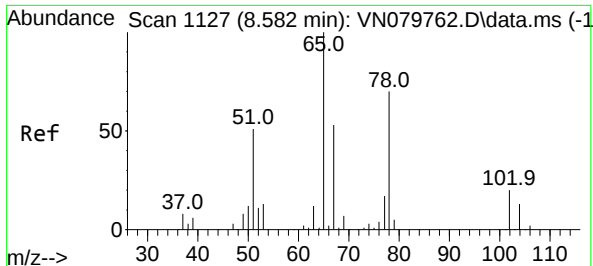
Tgt Ion: 43 Resp: 9659
Ion Ratio Lower Upper
43 100
74 22.4 26.2 39.4#



#20
Methylene Chloride
Concen: 4.315 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079928.D
Acq: 06 Nov 2023 17:21

Tgt Ion: 84 Resp: 12917
Ion Ratio Lower Upper
84 100
49 125.5 79.7 119.5#
51 50.9 25.2 37.8#
86 58.1 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 63.519 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079928.D

Acq: 06 Nov 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

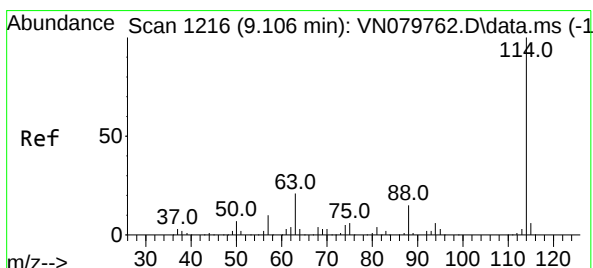
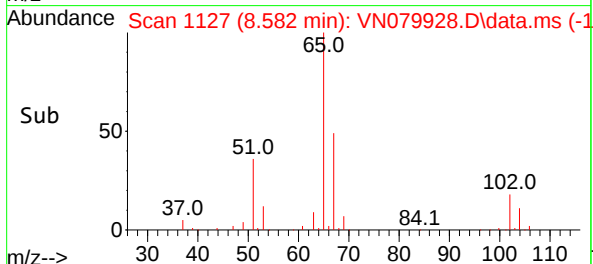
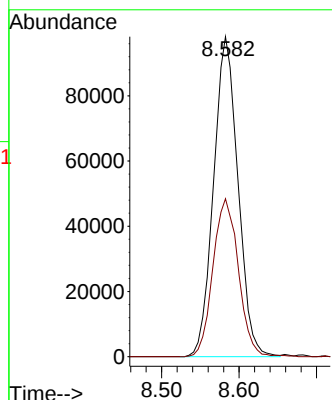
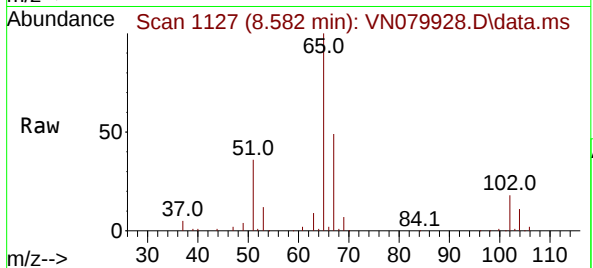
PB156885ZHE#11

Tgt Ion: 65 Resp: 214518

Ion Ratio Lower Upper

65 100

67 51.6 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: VN079928.D

Acq: 06 Nov 2023 17:21

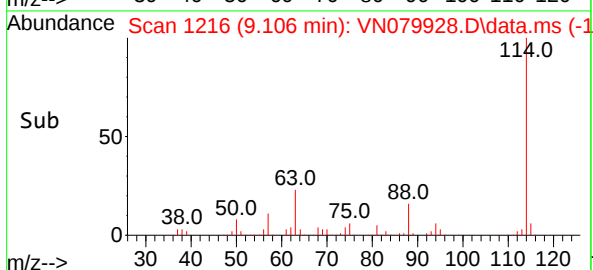
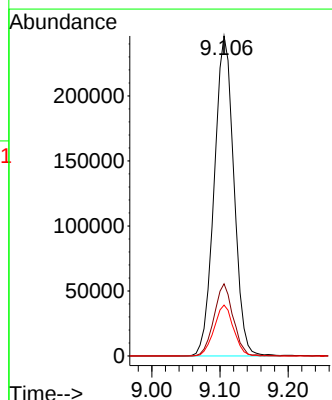
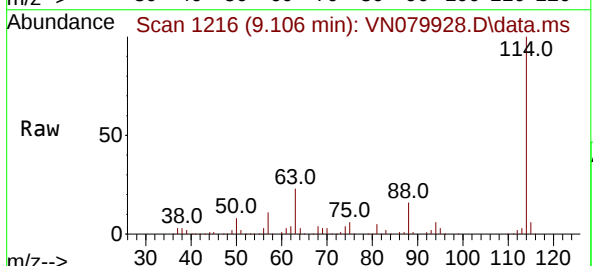
Tgt Ion: 114 Resp: 493426

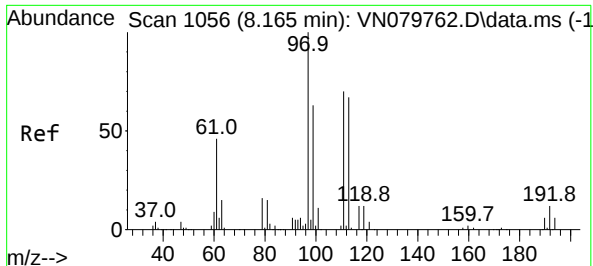
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

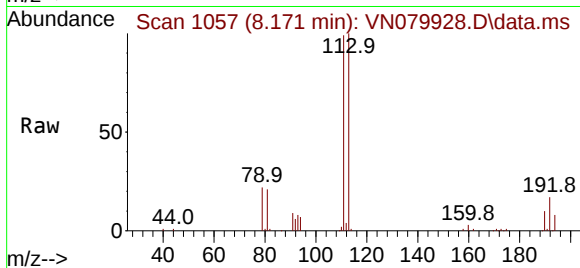
88 15.9 0.0 30.6



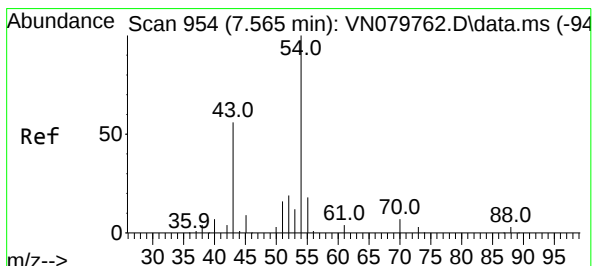
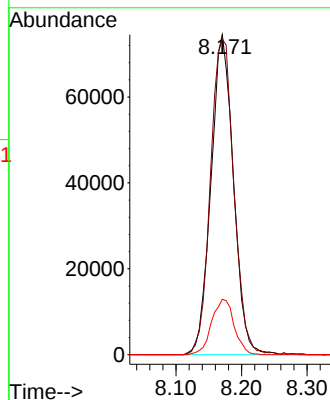
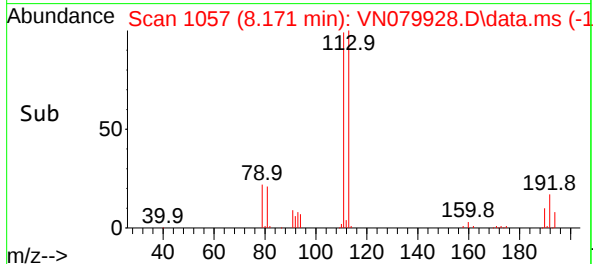


#35
Dibromofluoromethane
Concen: 50.769 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079928.D
Acq: 06 Nov 2023 17:21

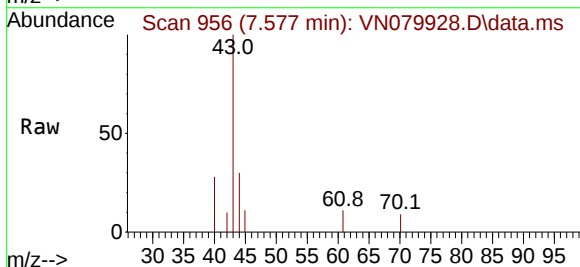
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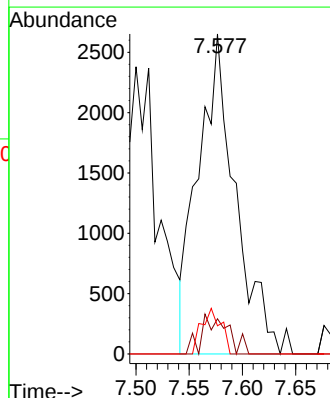
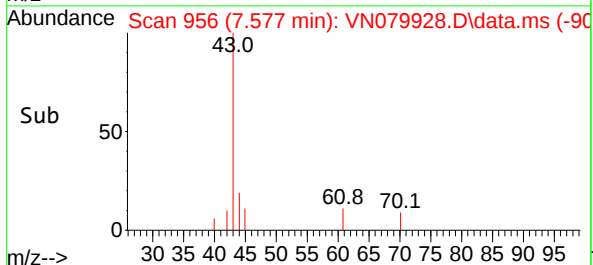
Tgt Ion:113 Resp: 177298
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.3 12.7 19.1

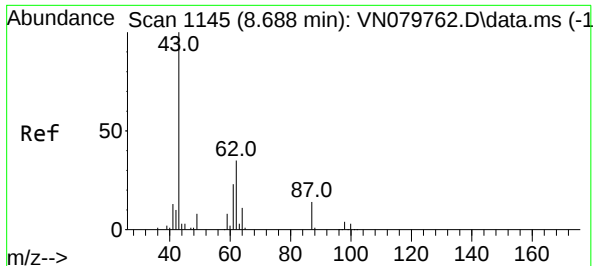


#37
Ethyl Acetate
Concen: 1.402 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.012 min
Lab File: VN079928.D
Acq: 06 Nov 2023 17:21



Tgt Ion: 43 Resp: 6410
Ion Ratio Lower Upper
43 100
61 8.9 13.2 19.8#
70 7.5 11.3 16.9#





#43

Isopropyl Acetate

Concen: 43.713 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079928.D

Acq: 06 Nov 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#11

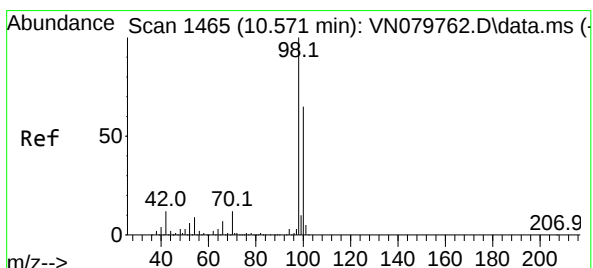
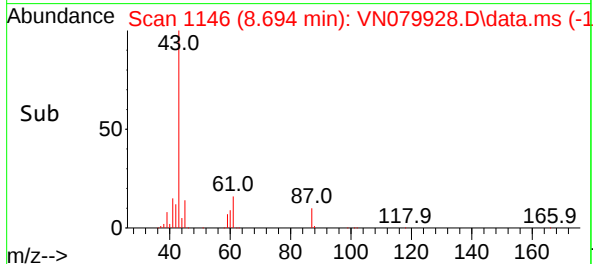
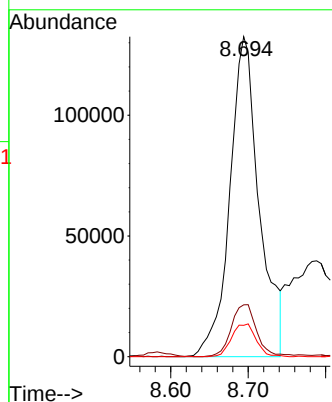
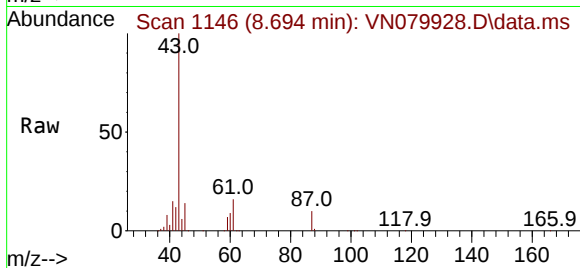
Tgt Ion: 43 Resp: 350575

Ion Ratio Lower Upper

43 100

61 14.1 24.7 37.1#

87 8.5 14.6 21.8#



#50

Toluene-d8

Concen: 52.509 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079928.D

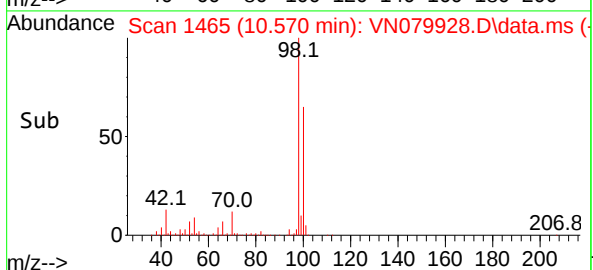
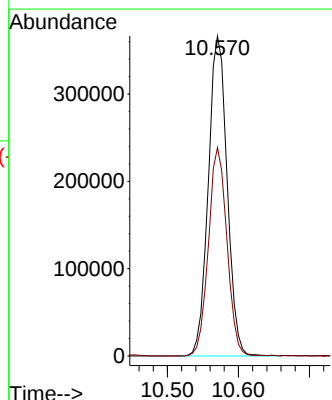
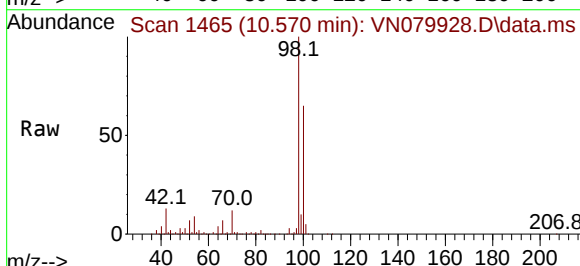
Acq: 06 Nov 2023 17:21

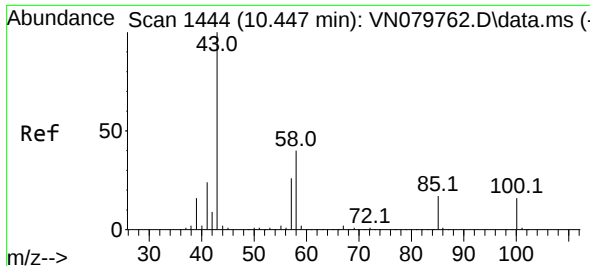
Tgt Ion: 98 Resp: 675073

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

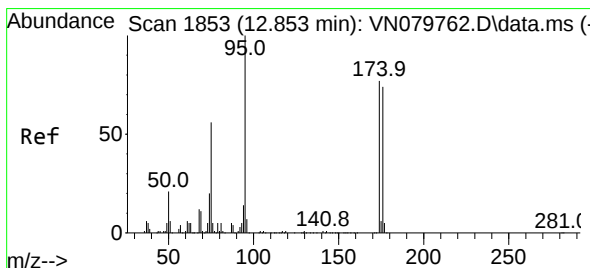
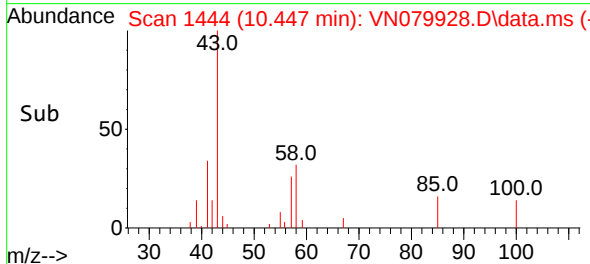
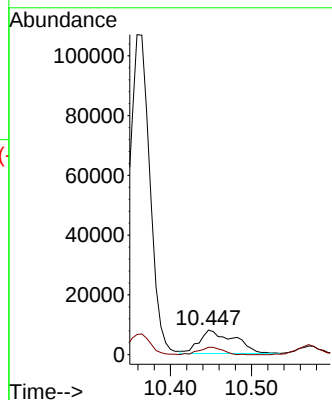
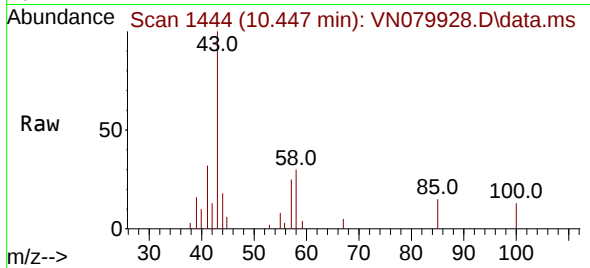




#51
4-Methyl-2-Pentanone
Concen: 5.205 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079928.D
Acq: 06 Nov 2023 17:21

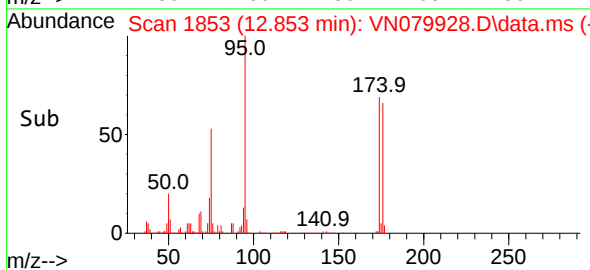
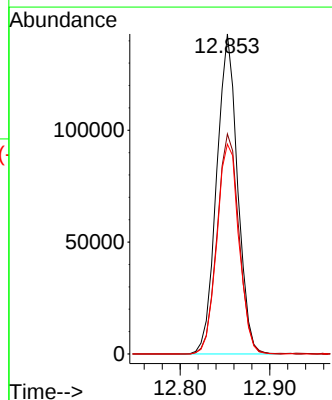
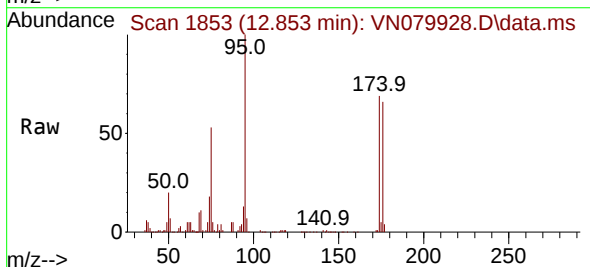
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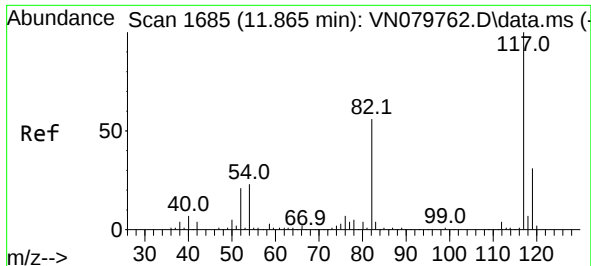
Tgt Ion: 43 Resp: 23499
Ion Ratio Lower Upper
43 100
58 21.6 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 54.359 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079928.D
Acq: 06 Nov 2023 17:21

Tgt Ion: 95 Resp: 231775
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 69.1 0.0 135.8

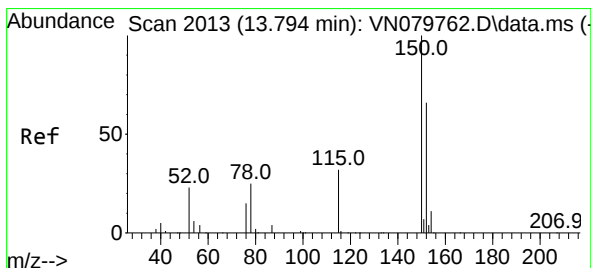
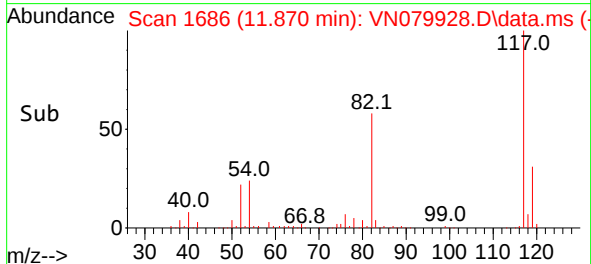
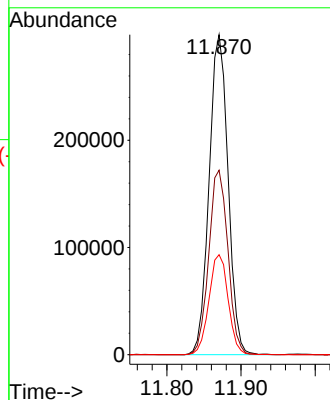
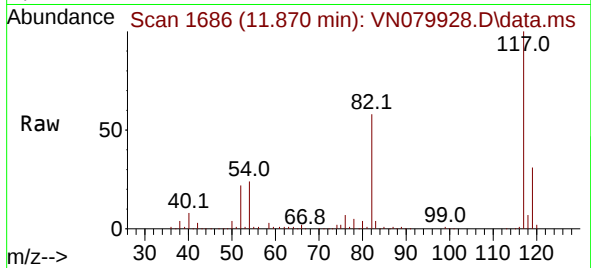




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079928.D
Acq: 06 Nov 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#11

Tgt Ion:117 Resp: 529417
Ion Ratio Lower Upper
117 100
82 57.6 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# 2013
Delta R.T. -0.000 min
Lab File: VN079928.D
Acq: 06 Nov 2023 17:21

Tgt Ion:152 Resp: 199196
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 158.0 0.0 355.8

