

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080841.D
 Acq On : 31 Jan 2024 15:32
 Operator : JC\MD
 Sample : PB158700TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158700TB

Quant Time: Feb 01 01:02:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

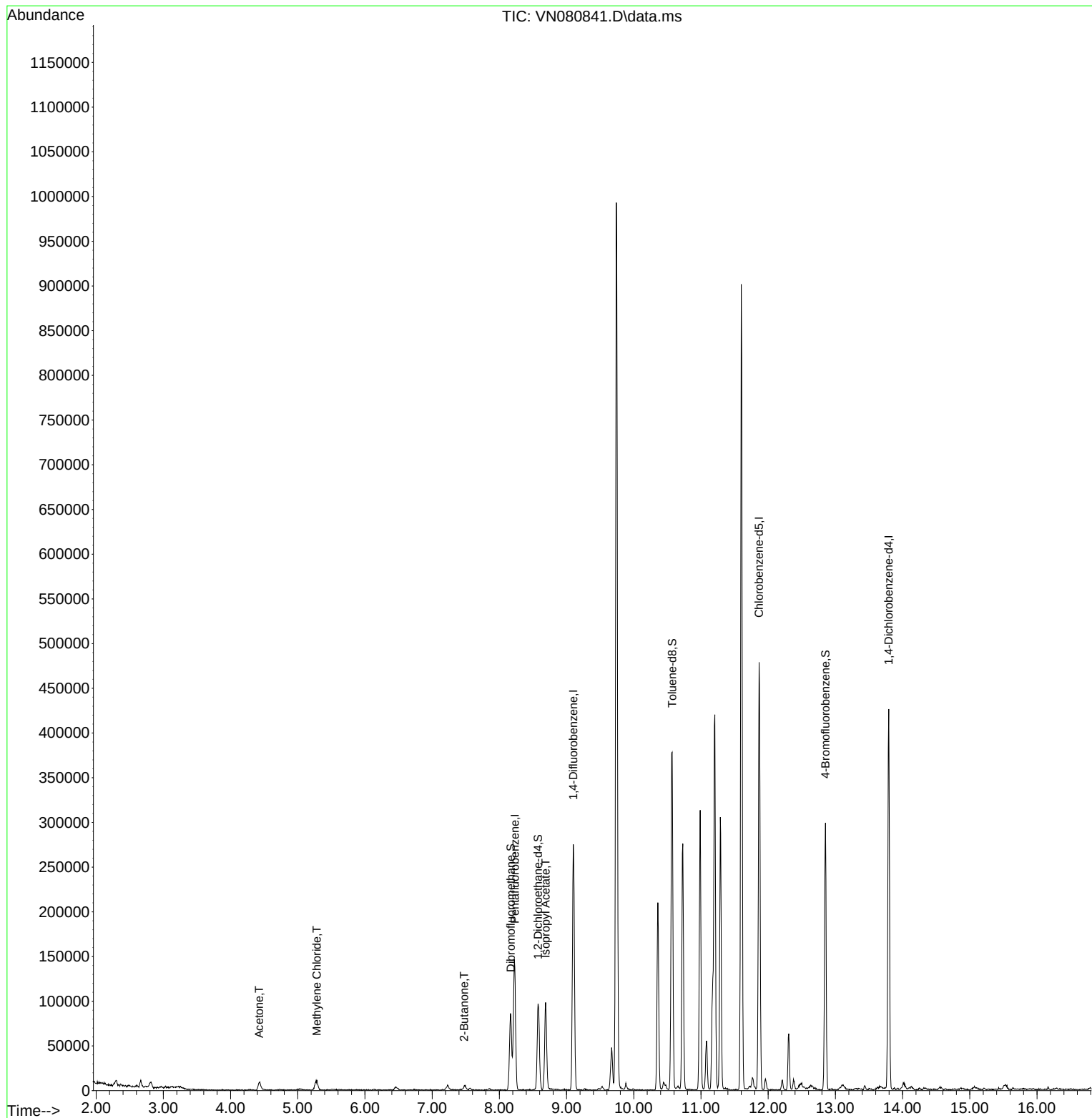
Internal Standards						
1) Pentafluorobenzene	8.230	168	91218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	216124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	76008	48.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.340%
35) Dibromofluoromethane	8.171	113	57608	43.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.140%
50) Toluene-d8	10.571	98	244650	47.273	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.853	95	97614	54.127	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.260%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	16708	29.194	ug/l #	86
20) Methylene Chloride	5.283	84	7595	5.055	ug/l #	80
25) 2-Butanone	7.477	43	9514	8.752	ug/l #	80
43) Isopropyl Acetate	8.688	43	115402	25.054	ug/l #	91

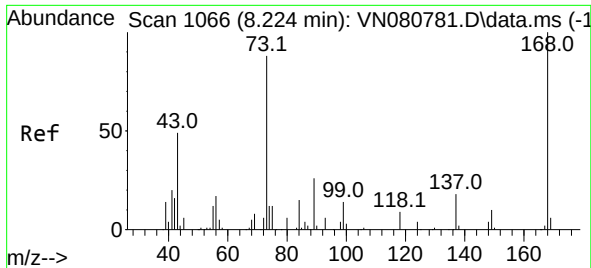
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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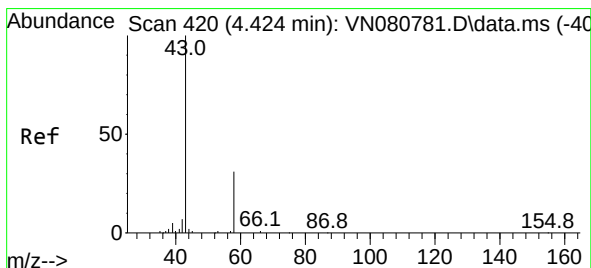
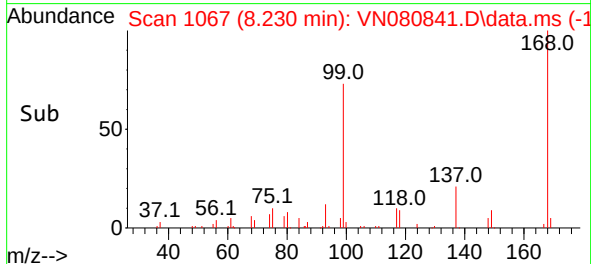
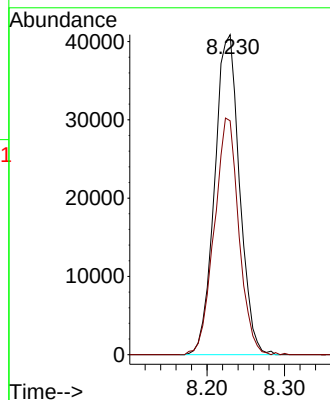
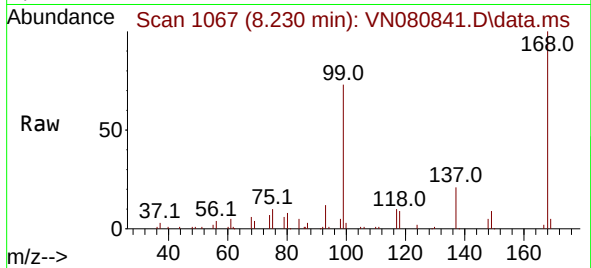




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080841.D
Acq: 31 Jan 2024 15:32

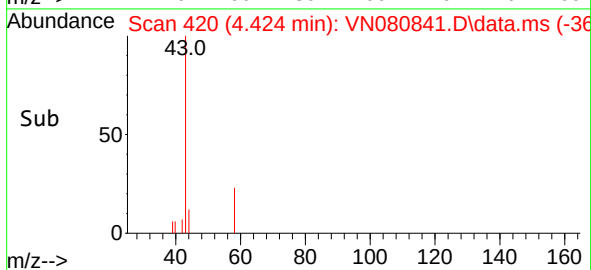
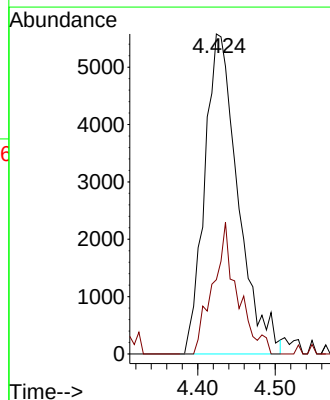
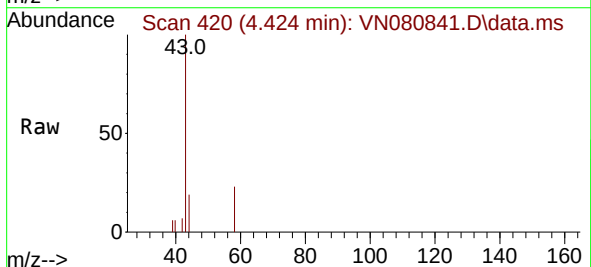
Instrument :
MSVOA_N
ClientSampleId :
PB158700TB

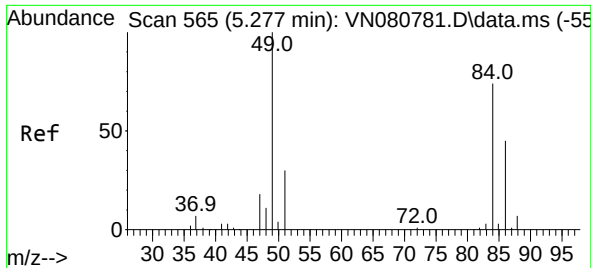
Tgt Ion:168 Resp: 91218
Ion Ratio Lower Upper
168 100
99 73.1 59.9 89.9



#16
Acetone
Concen: 29.194 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080841.D
Acq: 31 Jan 2024 15:32

Tgt Ion: 43 Resp: 16708
Ion Ratio Lower Upper
43 100
58 23.2 24.8 37.2#

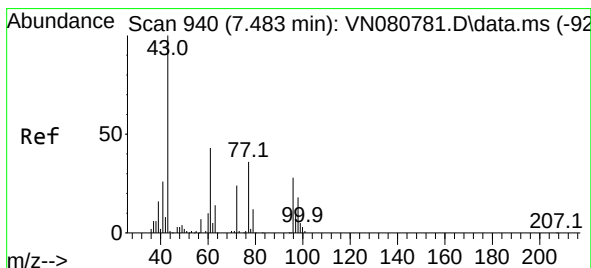
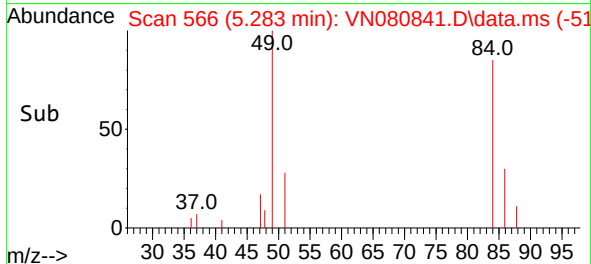
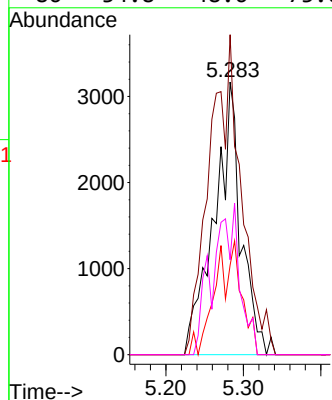
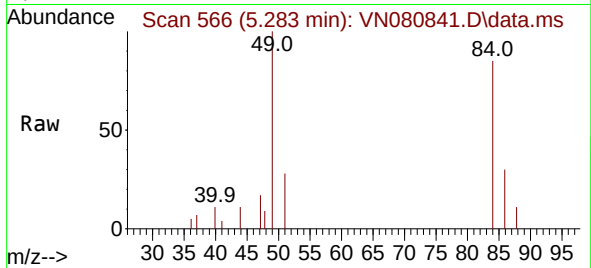




#20
Methylene Chloride
Concen: 5.055 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080841.D
Acq: 31 Jan 2024 15:32

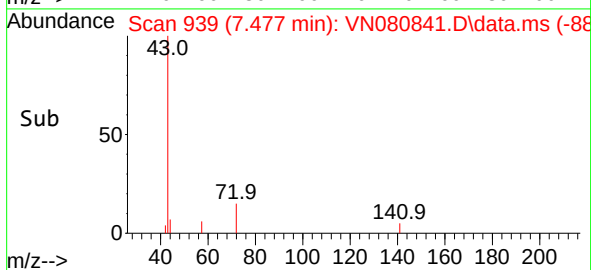
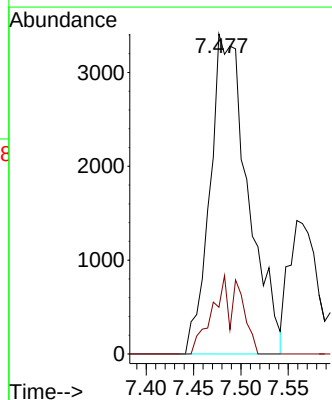
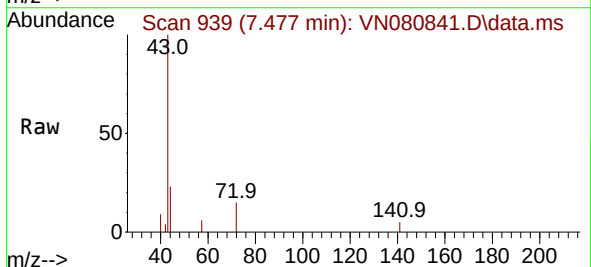
Instrument :
MSVOA_N
ClientSampleId :
PB158700TB

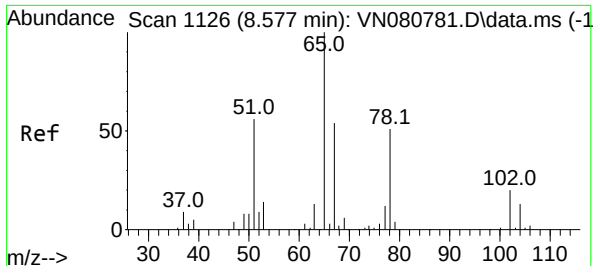
Tgt Ion:	84	Resp:	7595
Ion	Ratio	Lower	Upper
84	100		
49	117.4	108.1	162.1
51	32.9	32.9	49.3#
86	34.8	48.6	73.0#



#25
2-Butanone
Concen: 8.752 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN080841.D
Acq: 31 Jan 2024 15:32

Tgt Ion:	43	Resp:	9514
Ion	Ratio	Lower	Upper
43	100		
72	14.6	19.5	29.3#





#33

1,2-Dichloroethane-d4

Concen: 48.166 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080841.D

Acq: 31 Jan 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

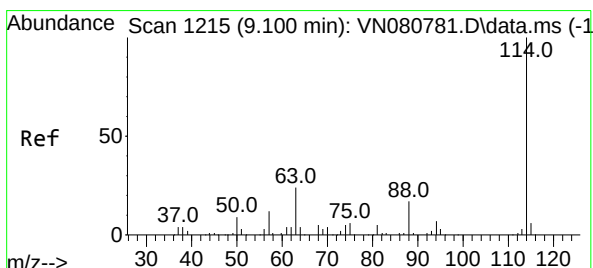
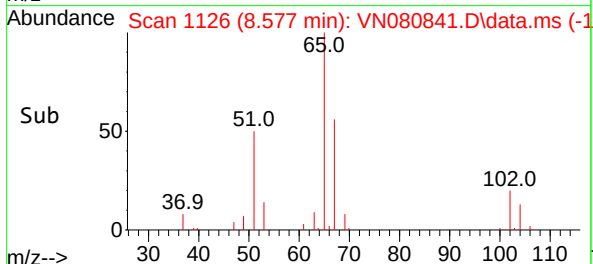
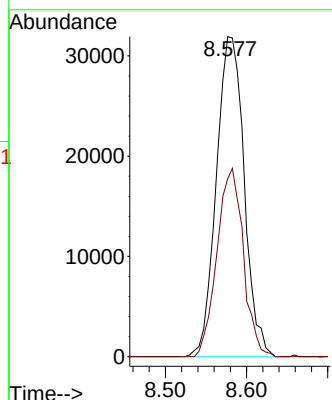
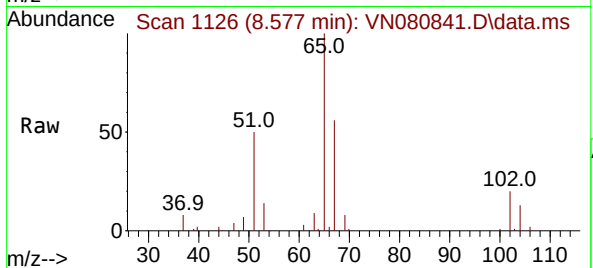
PB158700TB

Tgt Ion: 65 Resp: 76008

Ion Ratio Lower Upper

65 100

67 55.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080841.D

Acq: 31 Jan 2024 15:32

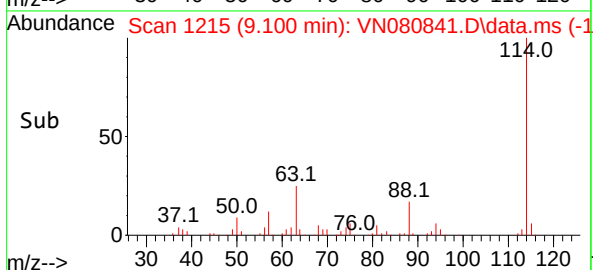
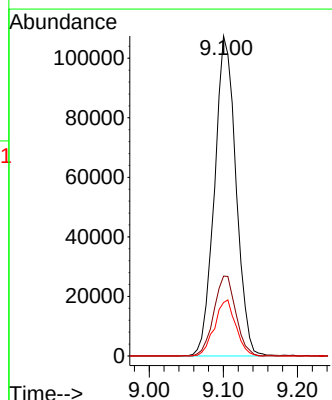
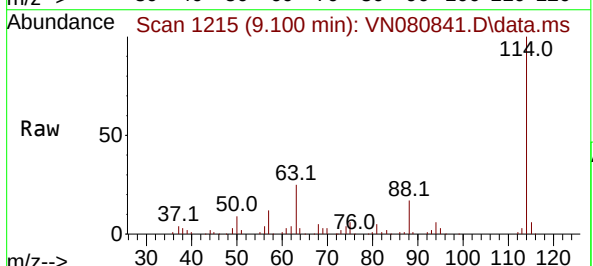
Tgt Ion: 114 Resp: 216124

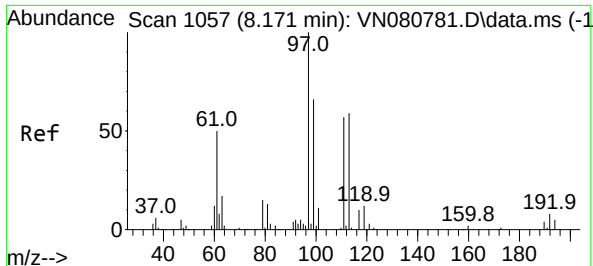
Ion Ratio Lower Upper

114 100

63 25.0 0.0 48.0

88 16.7 0.0 34.8

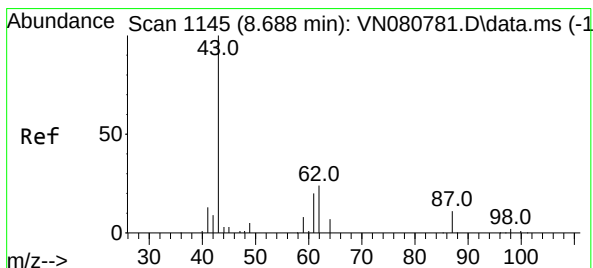
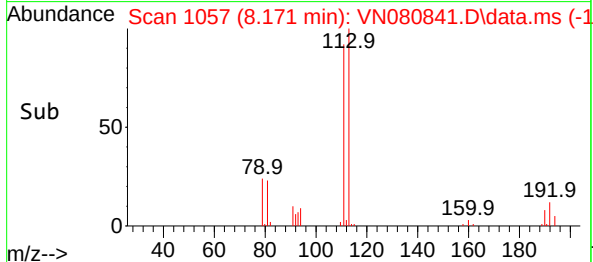
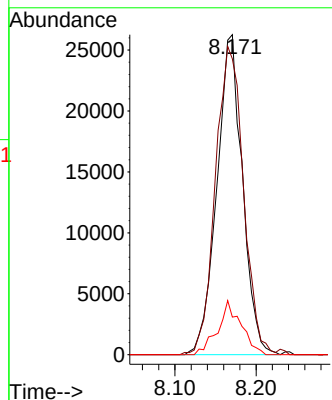
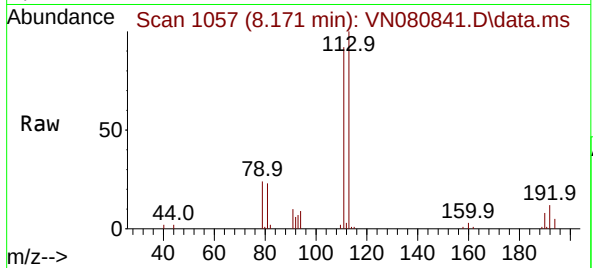




#35
Dibromofluoromethane
Concen: 43.568 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080841.D
Acq: 31 Jan 2024 15:32

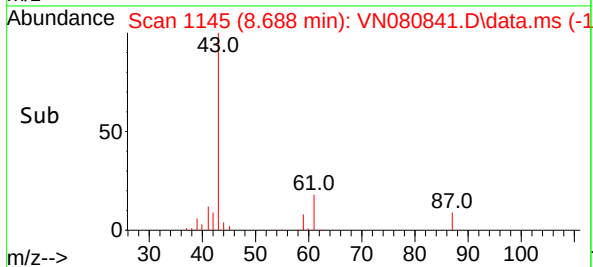
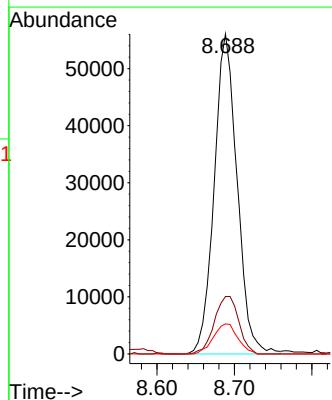
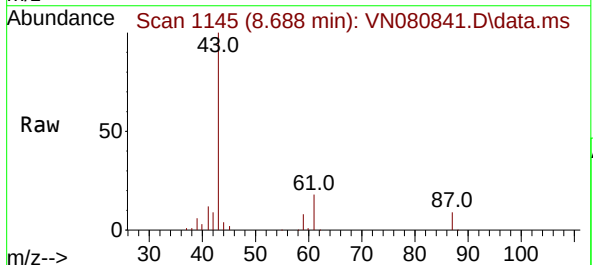
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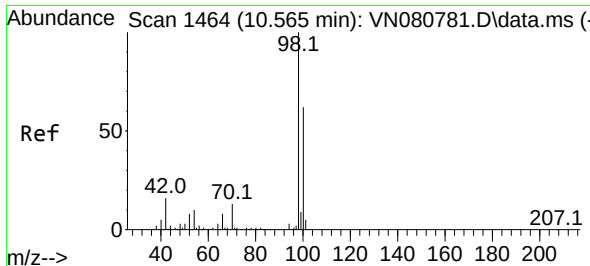
Tgt Ion:113 Resp: 57608
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.4
192 15.4 12.5 18.7



#43
Isopropyl Acetate
Concen: 25.054 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080841.D
Acq: 31 Jan 2024 15:32

Tgt Ion: 43 Resp: 115402
Ion Ratio Lower Upper
43 100
61 19.1 19.9 29.9#
87 10.0 9.0 13.6

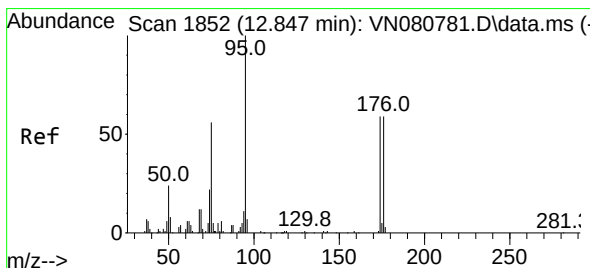
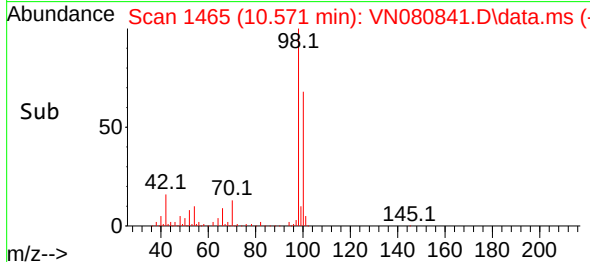
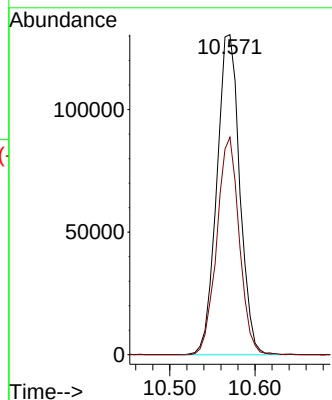
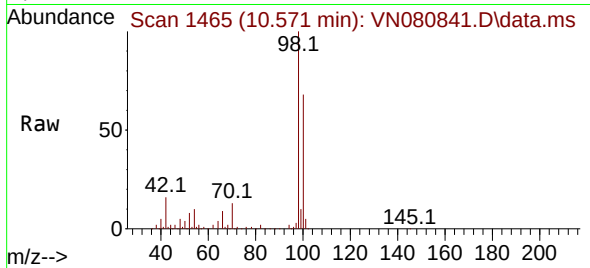




#50
Toluene-d8
Concen: 47.273 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080841.D
Acq: 31 Jan 2024 15:32

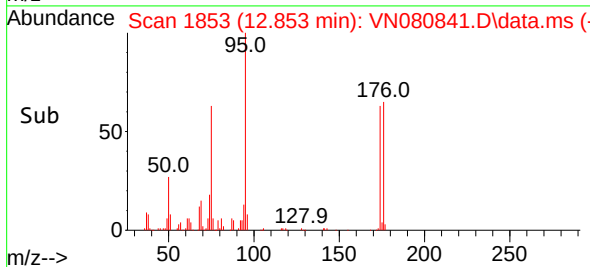
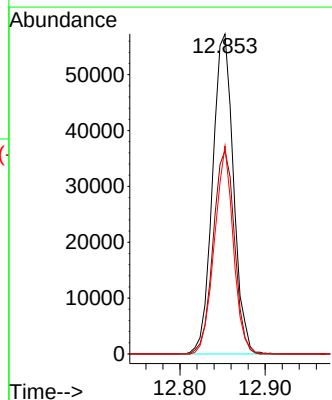
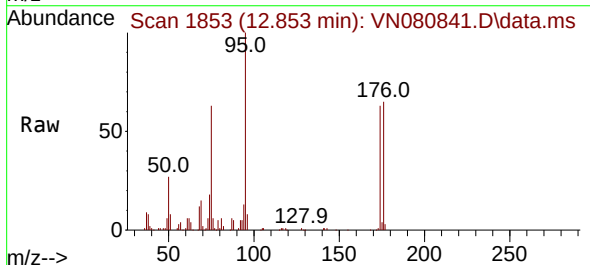
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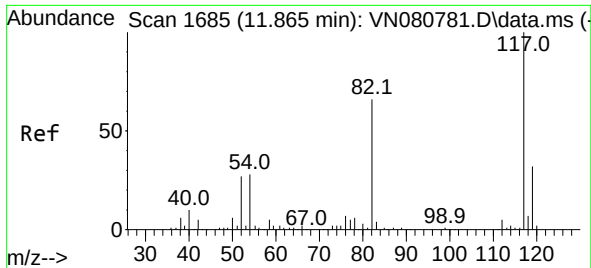
Tgt Ion: 98 Resp: 244650
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 54.127 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080841.D
Acq: 31 Jan 2024 15:32

Tgt Ion: 95 Resp: 97614
Ion Ratio Lower Upper
95 100
174 64.8 0.0 120.4
176 58.6 0.0 121.0

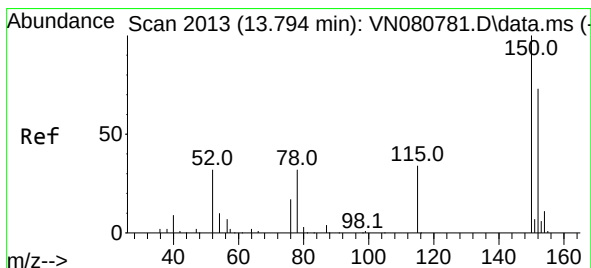
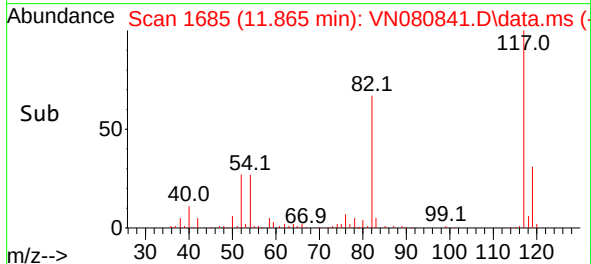
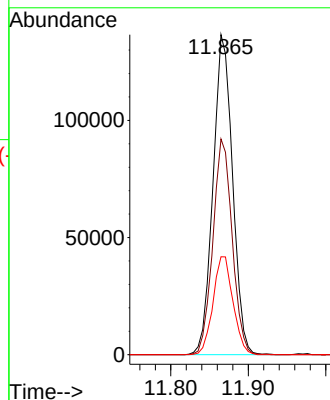
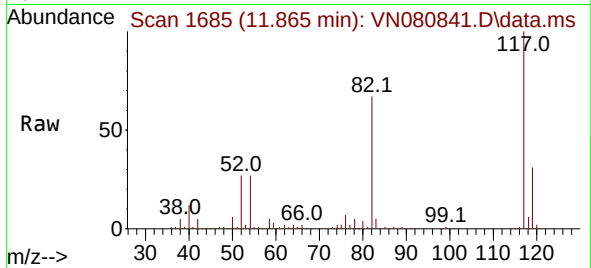




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080841.D
Acq: 31 Jan 2024 15:32

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Tgt Ion:117 Resp: 238984
Ion Ratio Lower Upper
117 100
82 67.4 52.7 79.1
119 30.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080841.D
Acq: 31 Jan 2024 15:32

Tgt Ion:152 Resp: 98688
Ion Ratio Lower Upper
152 100
115 66.0 32.3 96.8
150 149.2 0.0 339.8

