

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080935.D
 Acq On : 07 Feb 2024 14:27
 Operator : JC\MD
 Sample : P1362-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2

Quant Time: Feb 08 00:25:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

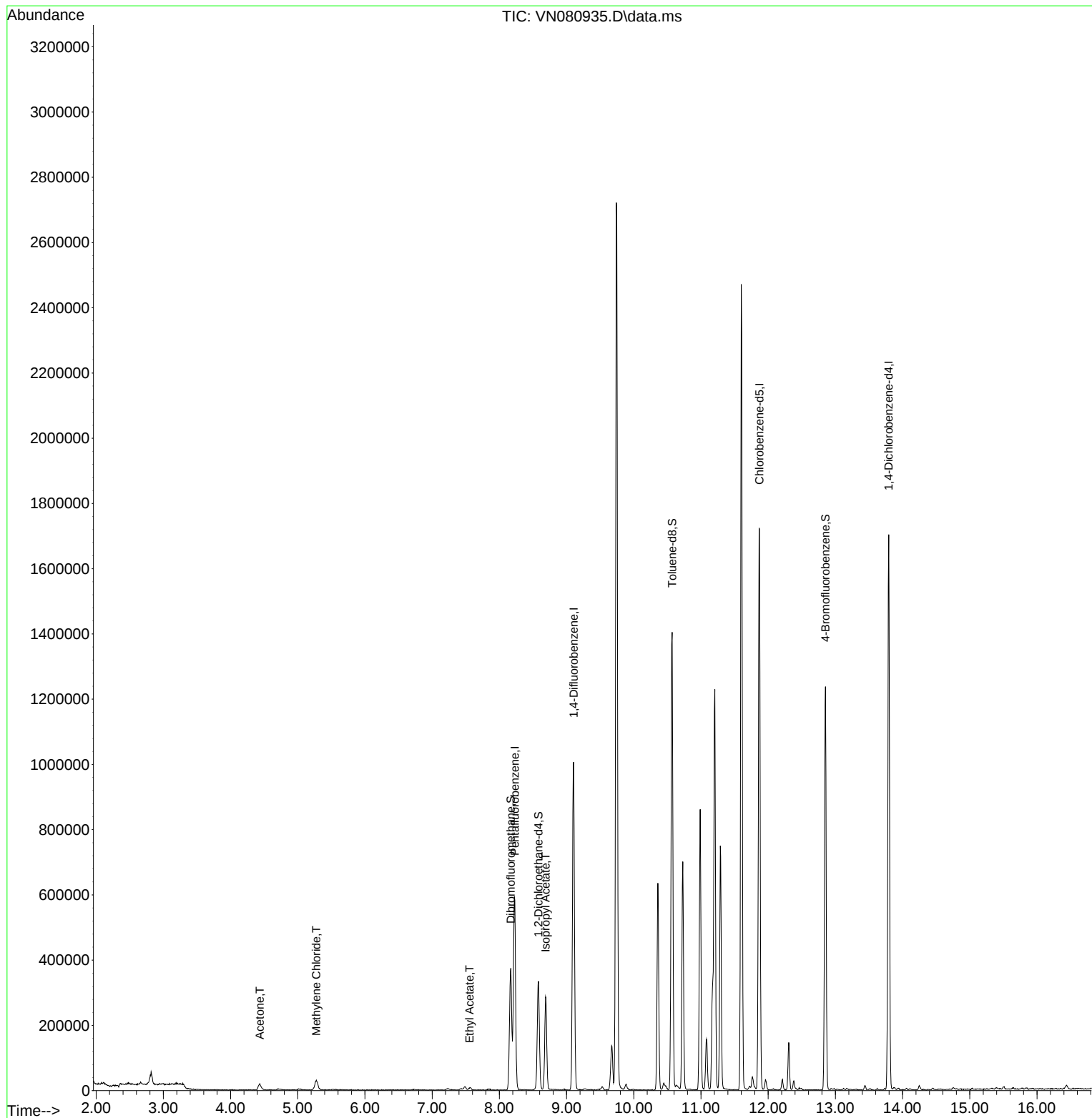
Internal Standards						
1) Pentafluorobenzene	8.230	168	460712	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	931692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1055888	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	464008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	269830	46.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.860%
35) Dibromofluoromethane	8.171	113	268277	53.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.320%
50) Toluene-d8	10.571	98	995436	55.047	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.100%
62) 4-Bromofluorobenzene	12.853	95	418045	63.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	127.280%#
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	34457	18.020	ug/l #	81
20) Methylene Chloride	5.277	84	24190	4.176	ug/l #	76
37) Ethyl Acetate	7.559	43	11287	2.006	ug/l	99
43) Isopropyl Acetate	8.688	43	308689	29.829	ug/l #	93

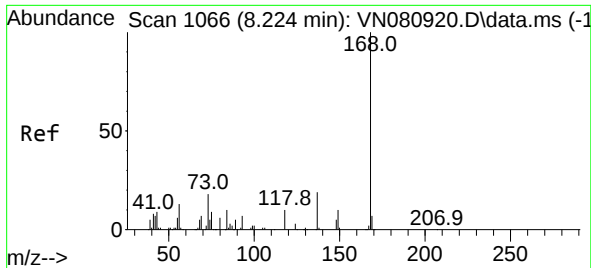
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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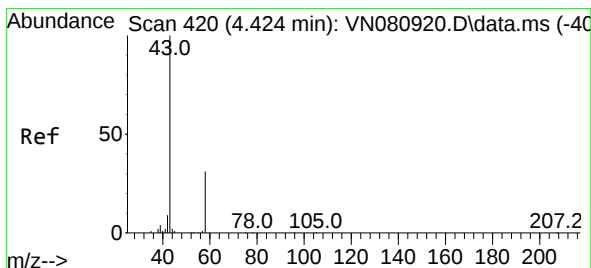
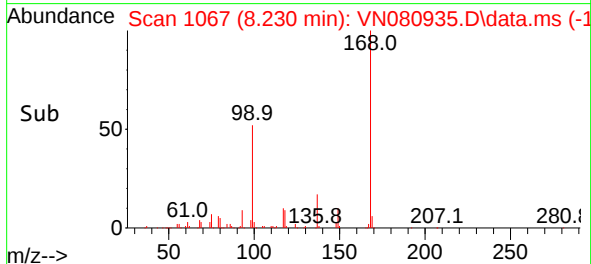
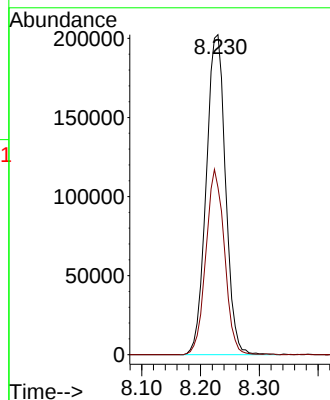
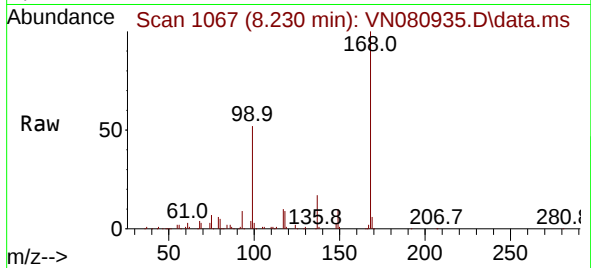




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080935.D
Acq: 07 Feb 2024 14:27

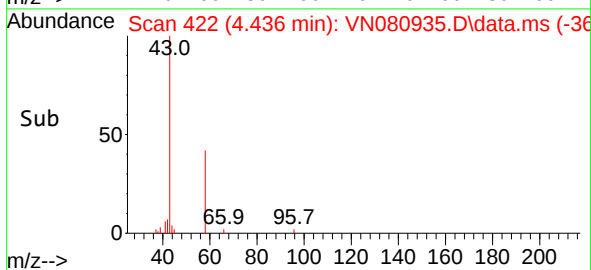
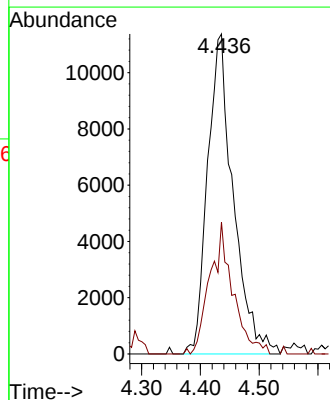
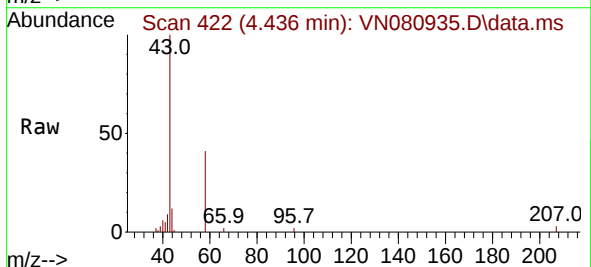
Instrument :
MSVOA_N
ClientSampleId :
WC-2

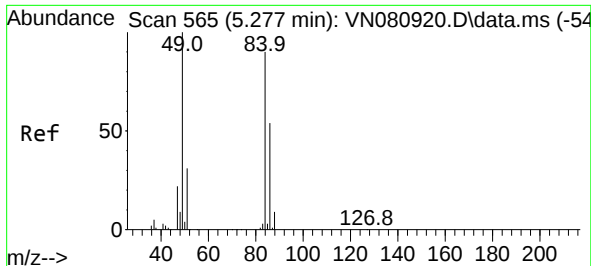
Tgt Ion:168 Resp: 460712
Ion Ratio Lower Upper
168 100
99 52.3 59.9 89.9#



#16
Acetone
Concen: 18.020 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080935.D
Acq: 07 Feb 2024 14:27

Tgt Ion: 43 Resp: 34457
Ion Ratio Lower Upper
43 100
58 41.2 24.8 37.2#

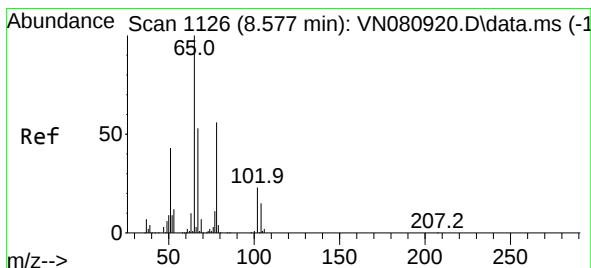
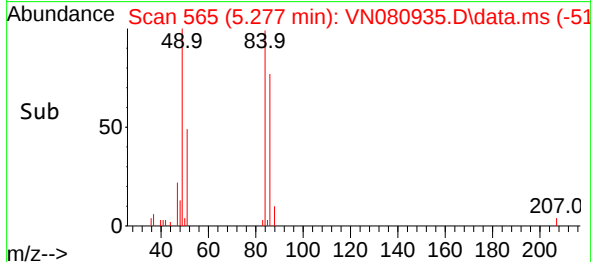
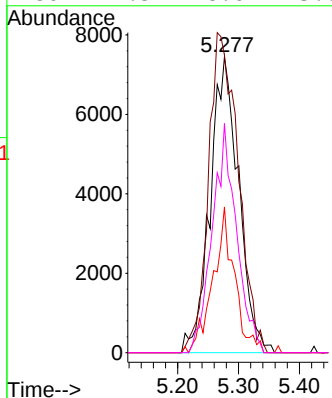
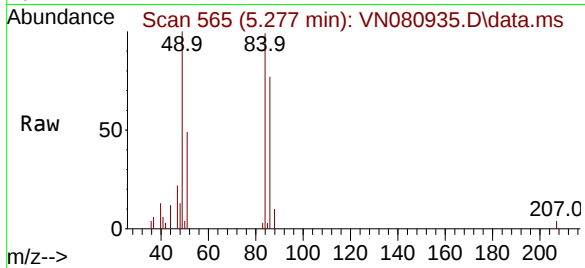




#20
Methylene Chloride
Concen: 4.176 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080935.D
Acq: 07 Feb 2024 14:27

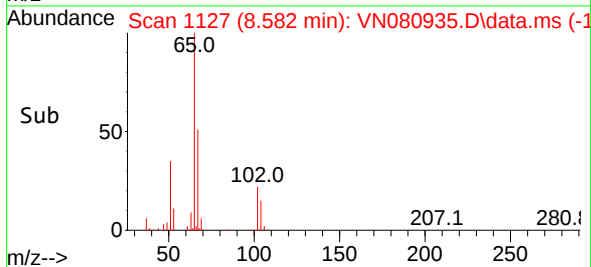
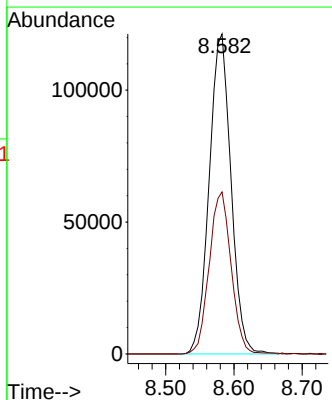
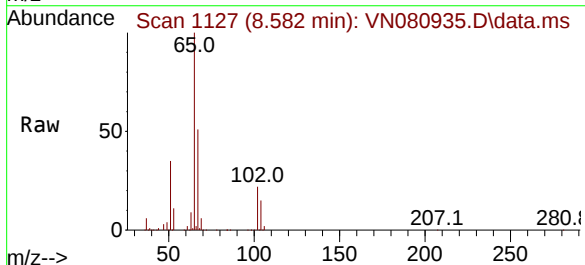
Instrument :
MSVOA_N
ClientSampleId :
WC-2

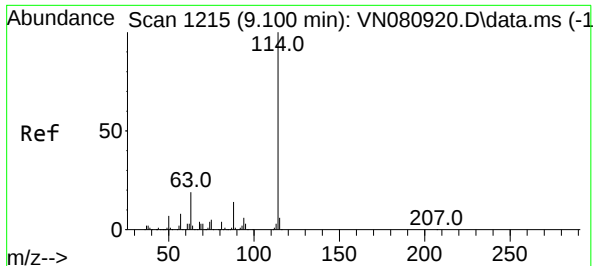
Tgt Ion: 84 Resp: 24190
Ion Ratio Lower Upper
84 100
49 100.6 108.1 162.1#
51 49.3 32.9 49.3
86 77.5 48.6 73.0#



#33
1,2-Dichloroethane-d4
Concen: 46.427 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080935.D
Acq: 07 Feb 2024 14:27

Tgt Ion: 65 Resp: 269830
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN080935.D

Acq: 07 Feb 2024 14:27

Instrument :

MSVOA_N

ClientSampleId :

WC-2

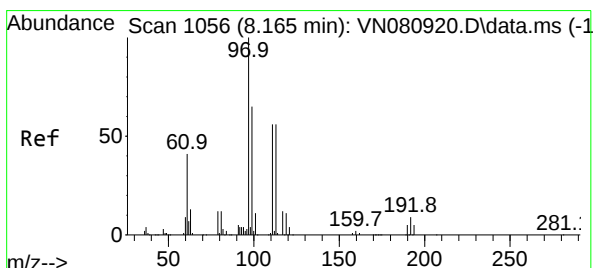
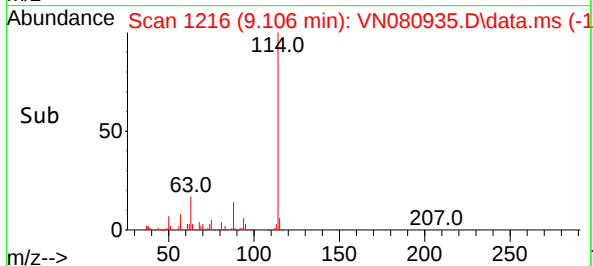
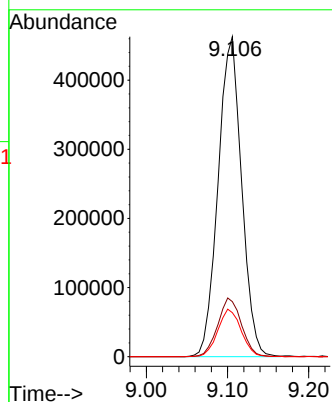
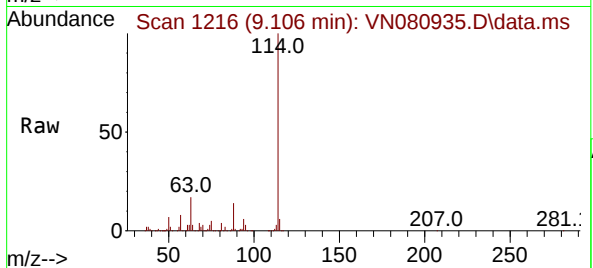
Tgt Ion:114 Resp: 931692

Ion Ratio Lower Upper

114 100

63 17.2 0.0 48.0

88 13.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 53.661 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080935.D

Acq: 07 Feb 2024 14:27

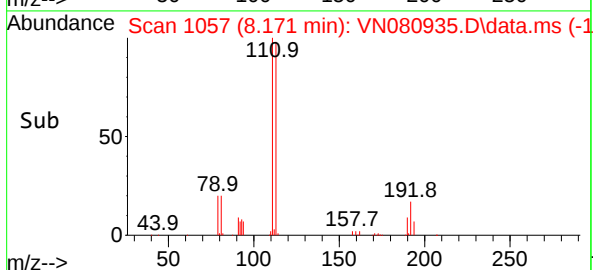
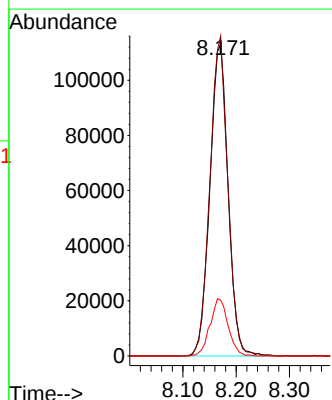
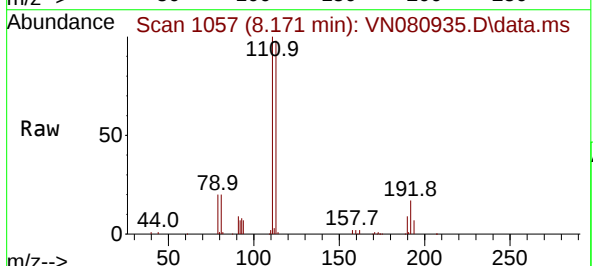
Tgt Ion:113 Resp: 268277

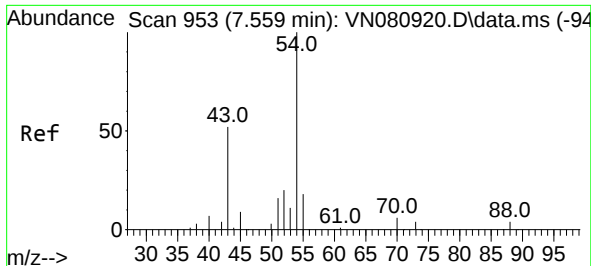
Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.4

192 18.2 12.5 18.7





#37

Ethyl Acetate

Concen: 2.006 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080935.D

Acq: 07 Feb 2024 14:27

Instrument :

MSVOA_N

ClientSampleId :

WC-2

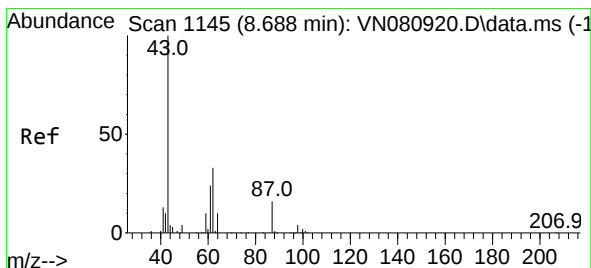
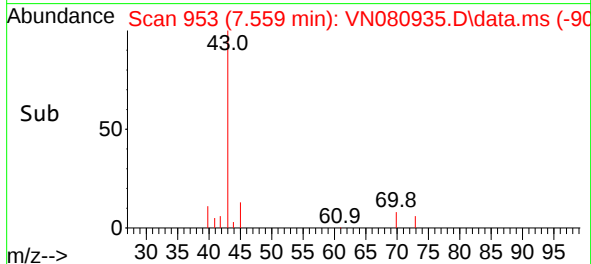
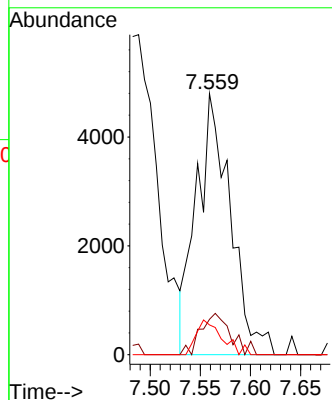
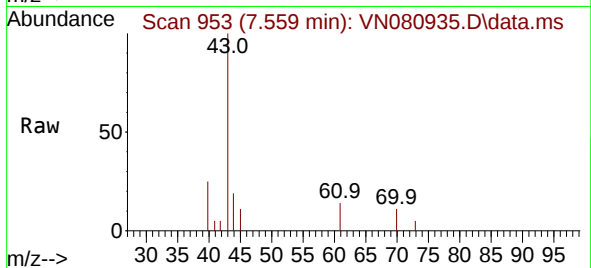
Tgt Ion: 43 Resp: 11287

Ion Ratio Lower Upper

43 100

61 14.0 10.6 15.8

70 10.2 8.0 12.0



#43

Isopropyl Acetate

Concen: 29.829 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080935.D

Acq: 07 Feb 2024 14:27

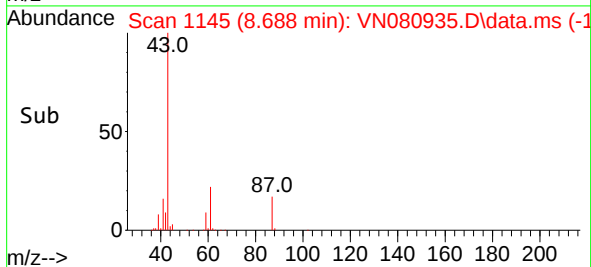
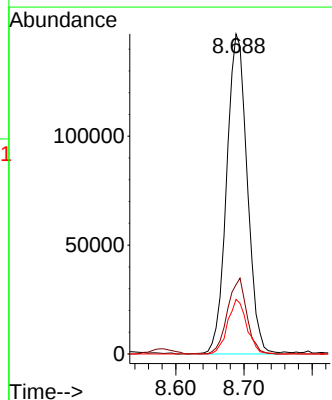
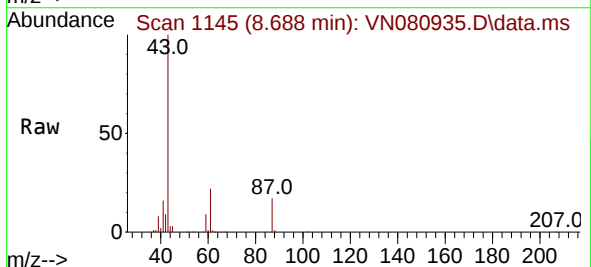
Tgt Ion: 43 Resp: 308689

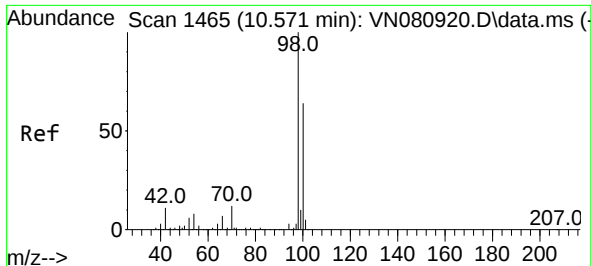
Ion Ratio Lower Upper

43 100

61 22.2 19.9 29.9

87 15.8 9.0 13.6#

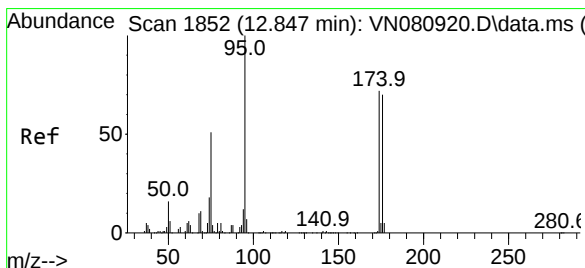
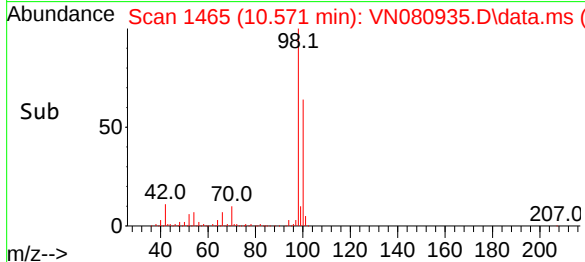
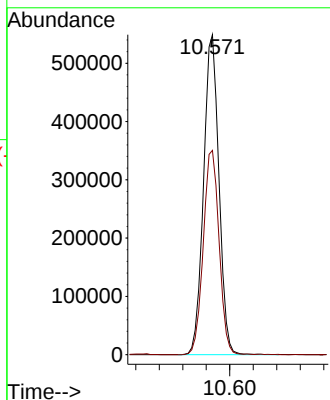
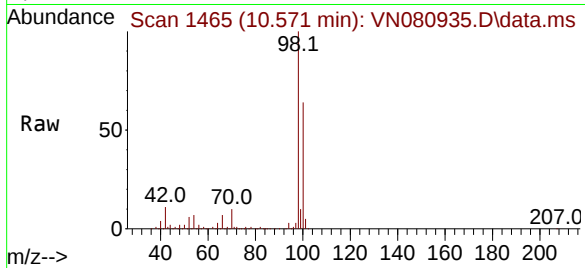




#50
Toluene-d8
Concen: 55.047 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080935.D
Acq: 07 Feb 2024 14:27

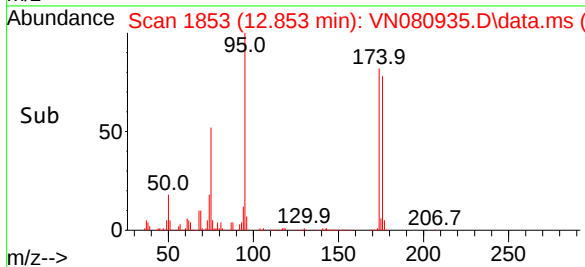
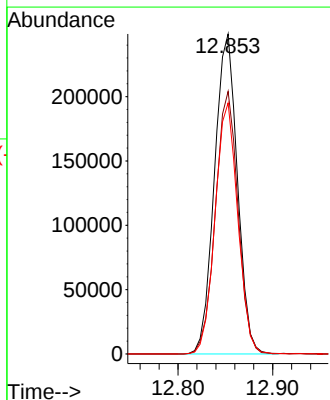
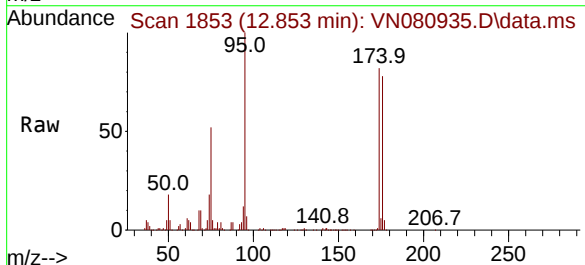
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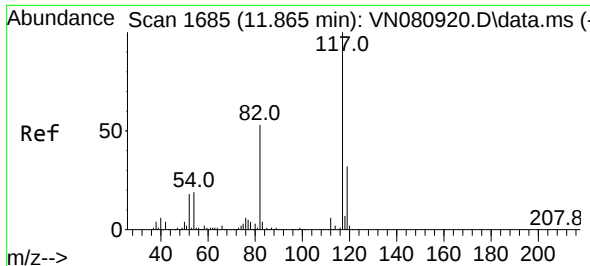
Tgt Ion: 98 Resp: 995436
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 63.636 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080935.D
Acq: 07 Feb 2024 14:27

Tgt Ion: 95 Resp: 418045
Ion Ratio Lower Upper
95 100
174 80.9 0.0 120.4
176 77.7 0.0 121.0

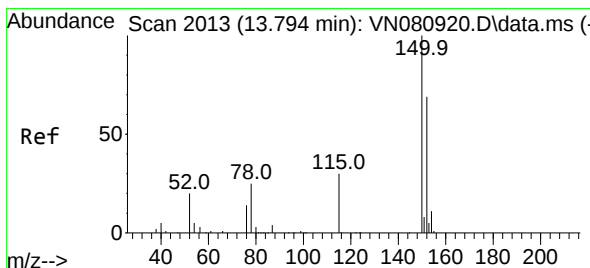
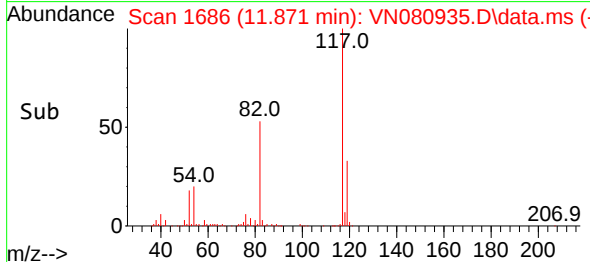
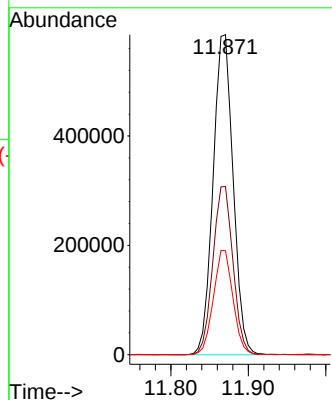
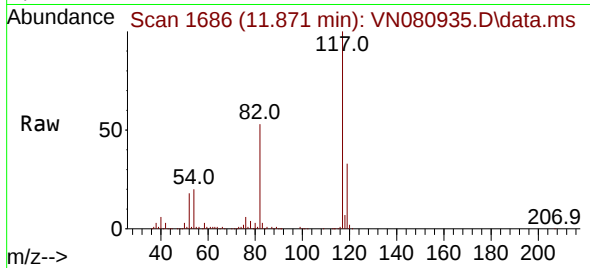




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080935.D
Acq: 07 Feb 2024 14:27

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Tgt Ion:117 Resp: 1055888
Ion Ratio Lower Upper
117 100
82 52.5 52.7 79.1#
119 32.5 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: VN080935.D
Acq: 07 Feb 2024 14:27

Tgt Ion:152 Resp: 464008
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 160.0 0.0 339.8

