

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080937.D
 Acq On : 07 Feb 2024 15:15
 Operator : JC\MD
 Sample : PB158850TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158850TB

Quant Time: Feb 08 00:26:44 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)

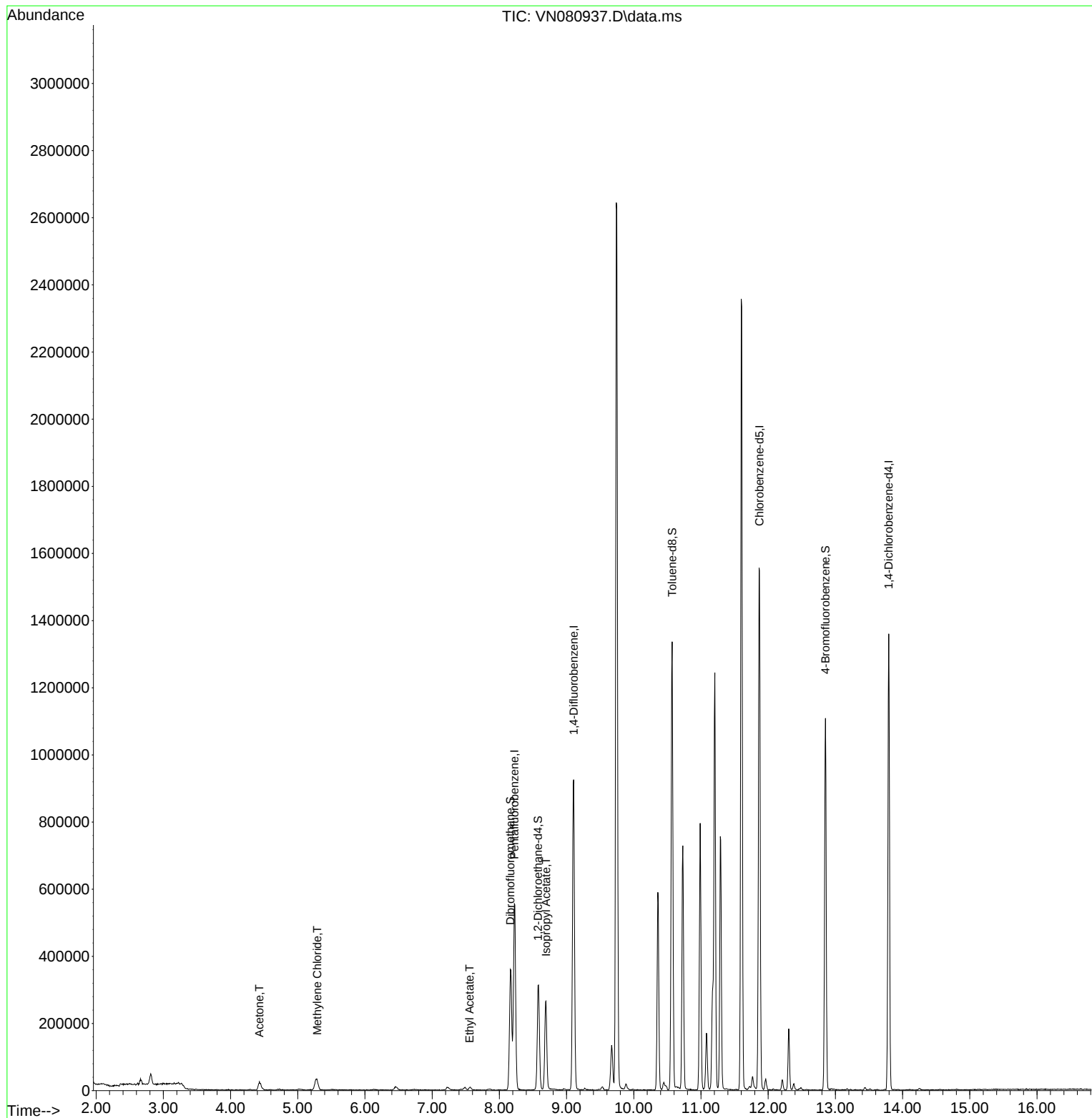
Internal Standards						
1) Pentafluorobenzene	8.224	168	422913	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	852341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	971358	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	364296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	255792	47.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.900%
35) Dibromofluoromethane	8.165	113	258778	56.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.160%
50) Toluene-d8	10.571	98	934335	56.478	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.960%
62) 4-Bromofluorobenzene	12.853	95	377926	62.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	125.780%#
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	44510	25.358	ug/l	# 88
20) Methylene Chloride	5.289	84	29068	5.466	ug/l	# 68
37) Ethyl Acetate	7.559	43	11319	2.199	ug/l	# 93
43) Isopropyl Acetate	8.694	43	296745	31.344	ug/l	# 92

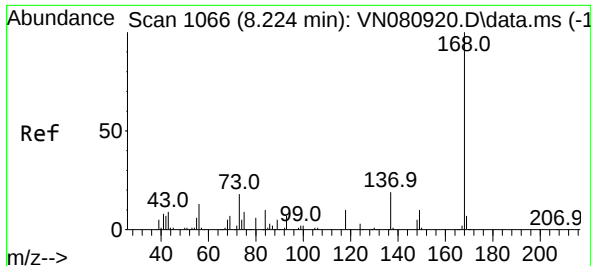
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
Data File : VN080937.D
Acq On : 07 Feb 2024 15:15
Operator : JC\MD
Sample : PB158850TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB158850TB

Quant Time: Feb 08 00:26:44 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

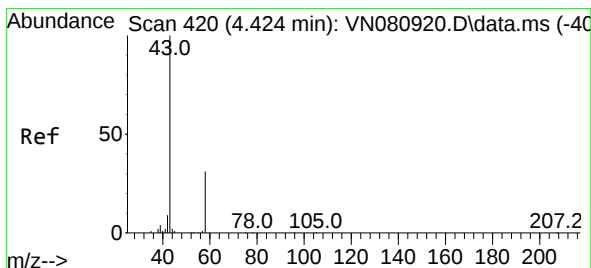
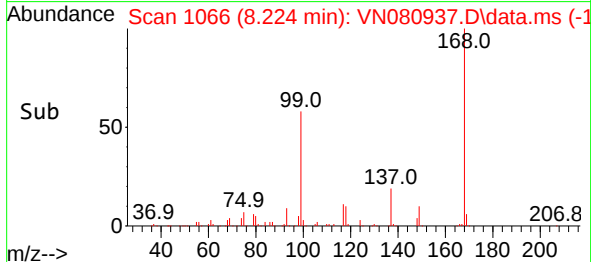
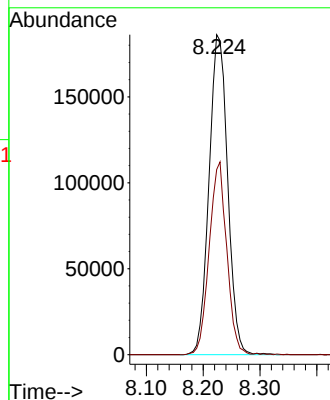
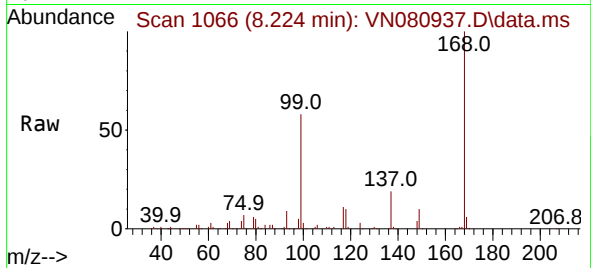




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080937.D
Acq: 07 Feb 2024 15:15

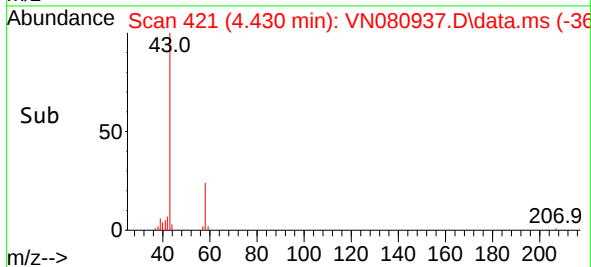
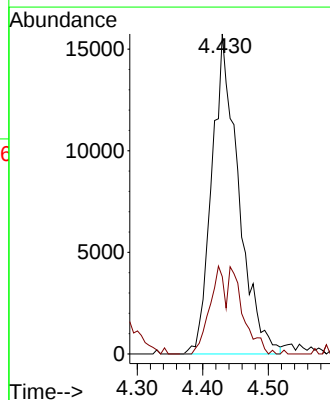
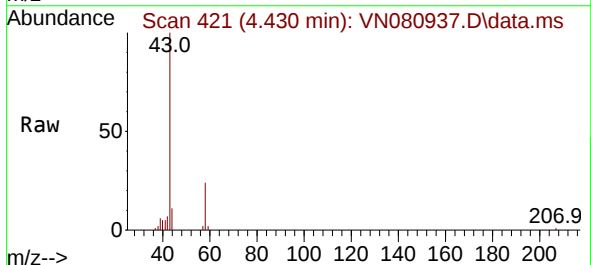
Instrument :
MSVOA_N
ClientSampleId :
PB158850TB

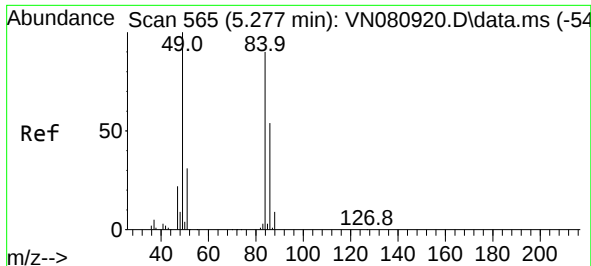
Tgt Ion:168 Resp: 422913
Ion Ratio Lower Upper
168 100
99 57.9 59.9 89.9#



#16
Acetone
Concen: 25.358 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080937.D
Acq: 07 Feb 2024 15:15

Tgt Ion: 43 Resp: 44510
Ion Ratio Lower Upper
43 100
58 24.2 24.8 37.2#

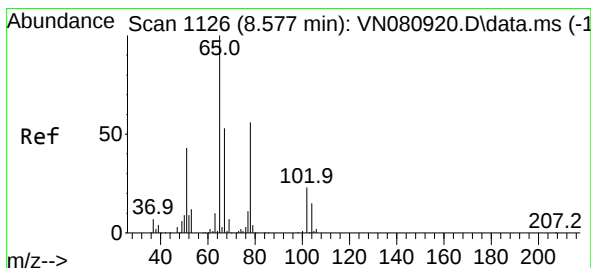
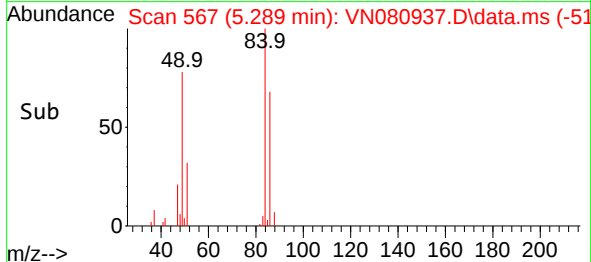
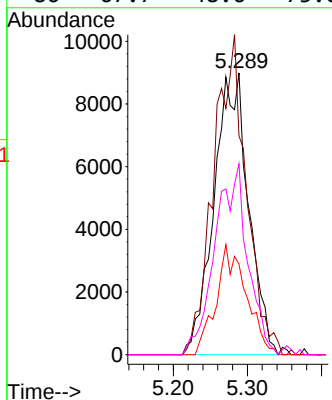
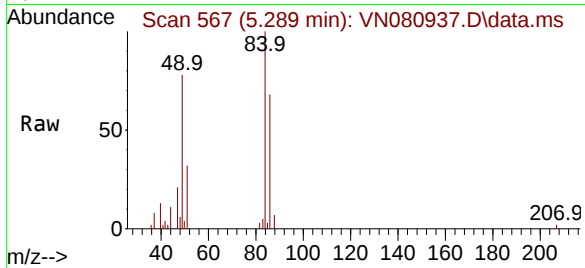




#20
Methylene Chloride
Concen: 5.466 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080937.D
Acq: 07 Feb 2024 15:15

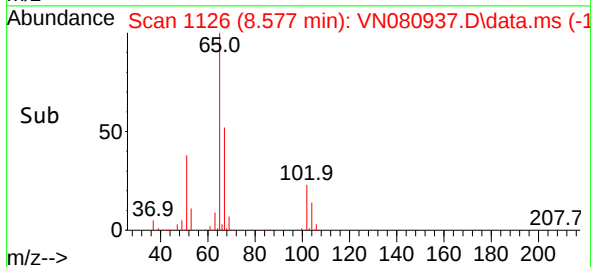
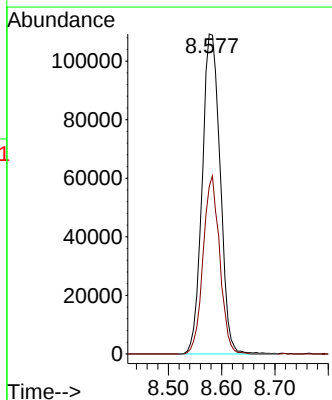
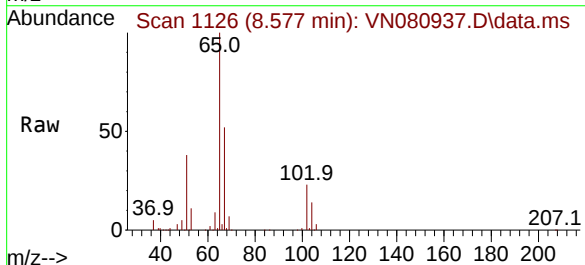
Instrument :
MSVOA_N
ClientSampleId :
PB158850TB

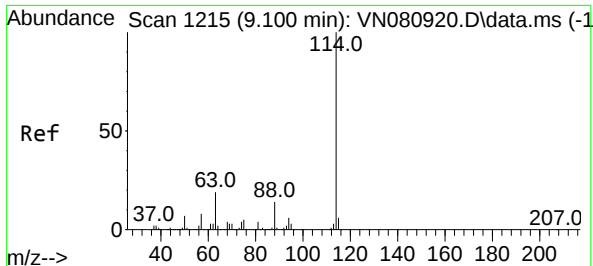
Tgt Ion: 84 Resp: 29068
Ion Ratio Lower Upper
84 100
49 77.6 108.1 162.1#
51 32.1 32.9 49.3#
86 67.7 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 47.945 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080937.D
Acq: 07 Feb 2024 15:15

Tgt Ion: 65 Resp: 255792
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080937.D

Acq: 07 Feb 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB158850TB

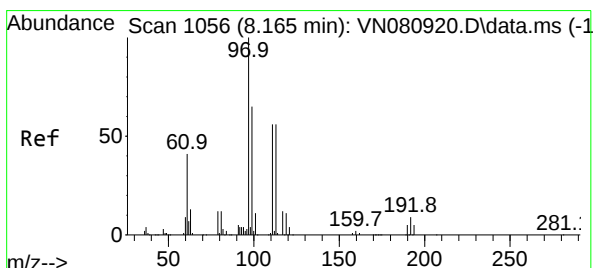
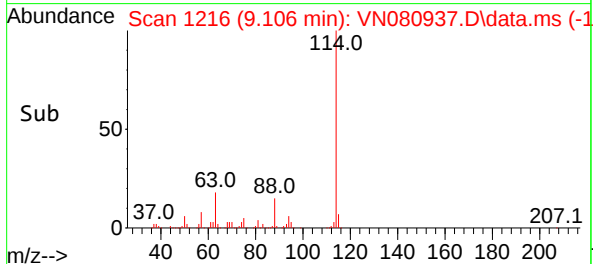
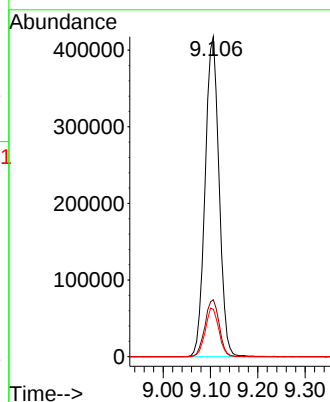
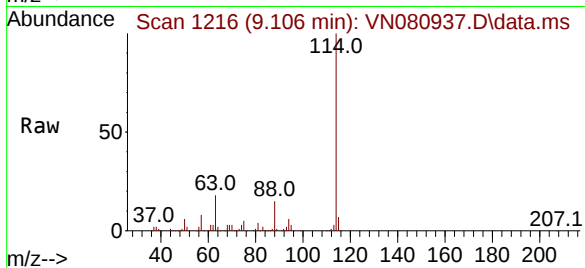
Tgt Ion:114 Resp: 852341

Ion Ratio Lower Upper

114 100

63 17.8 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 56.580 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080937.D

Acq: 07 Feb 2024 15:15

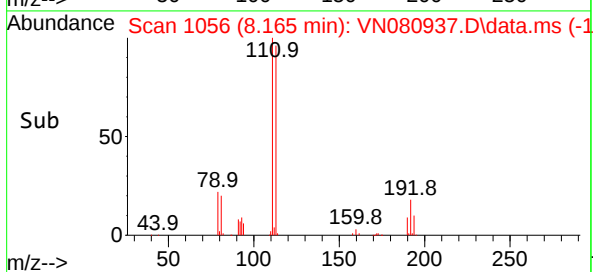
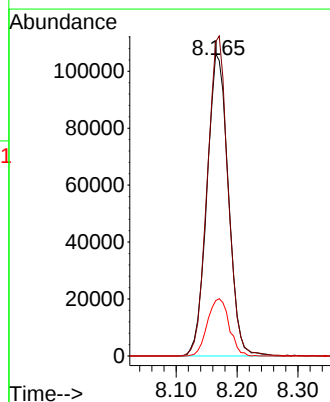
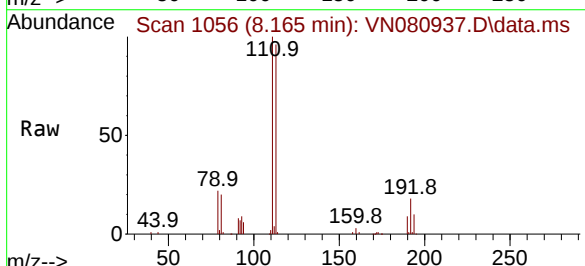
Tgt Ion:113 Resp: 258778

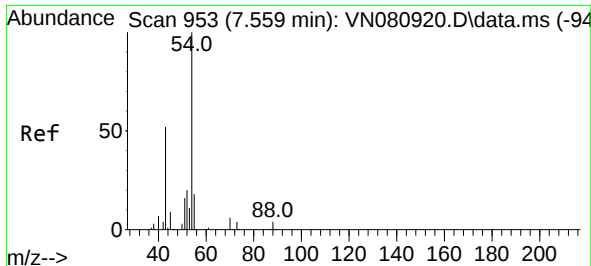
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 19.2 12.5 18.7#

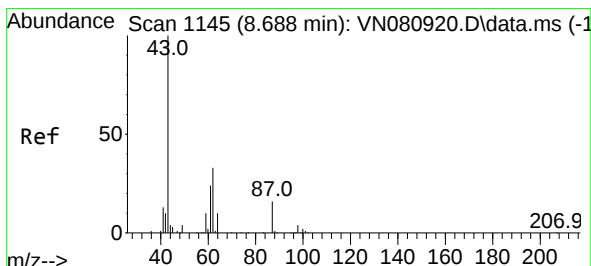
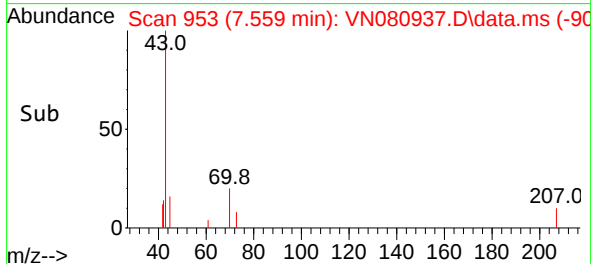
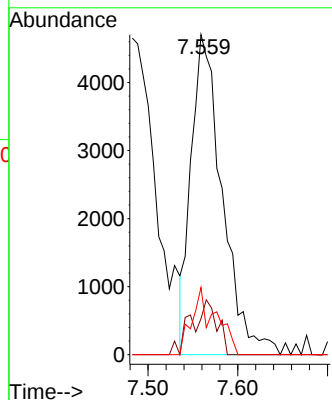
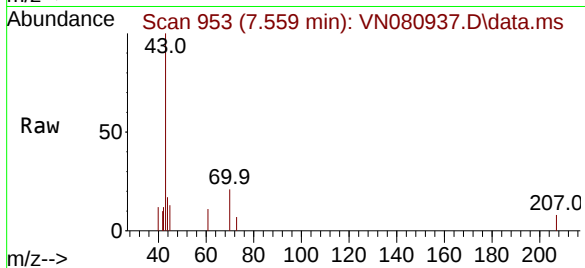




#37
Ethyl Acetate
Concen: 2.199 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080937.D
Acq: 07 Feb 2024 15:15

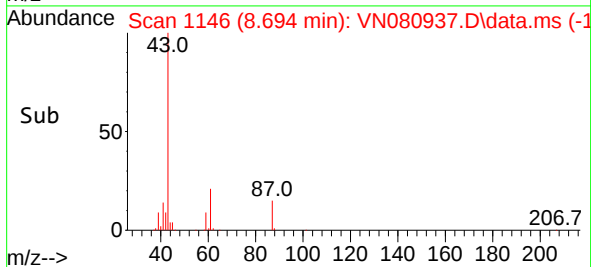
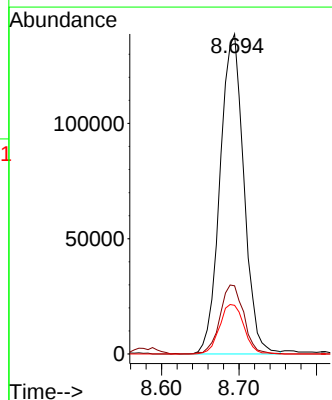
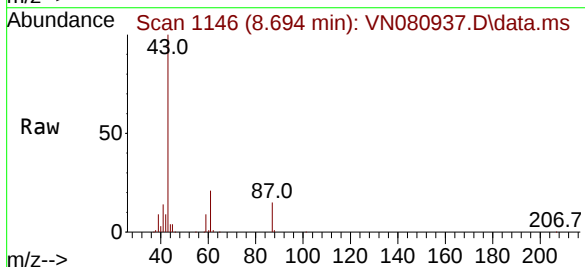
Instrument :
MSVOA_N
ClientSampleId :
PB158850TB

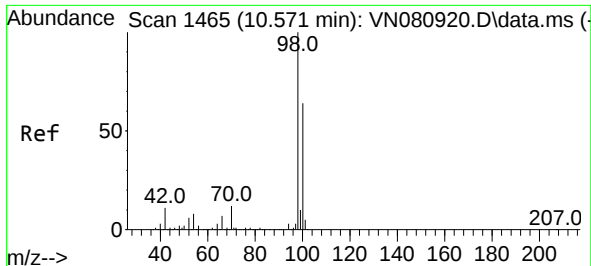
Tgt Ion: 43 Resp: 11319
Ion Ratio Lower Upper
43 100
61 9.0 10.6 15.8#
70 10.8 8.0 12.0



#43
Isopropyl Acetate
Concen: 31.344 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080937.D
Acq: 07 Feb 2024 15:15

Tgt Ion: 43 Resp: 296745
Ion Ratio Lower Upper
43 100
61 21.5 19.9 29.9
87 15.8 9.0 13.6#

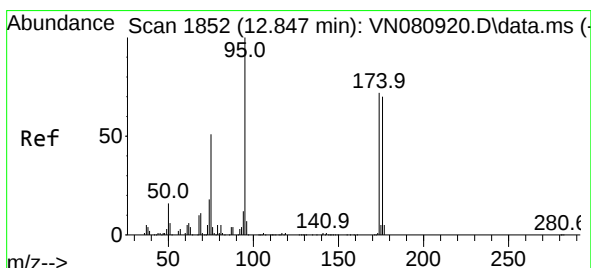
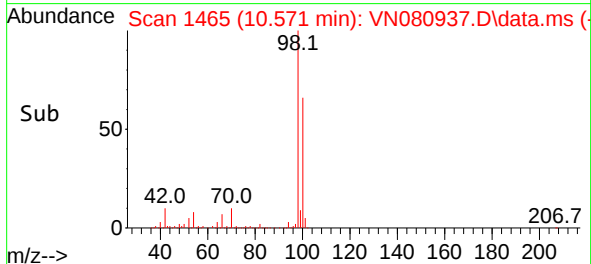
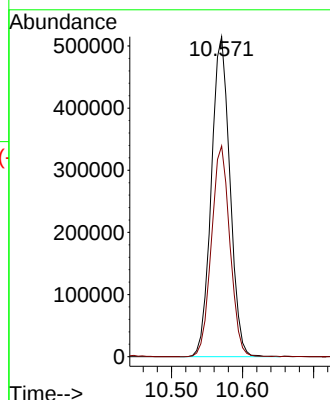
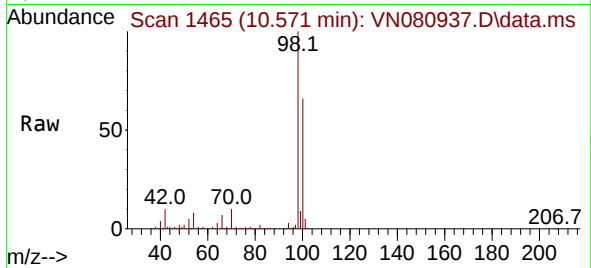




#50
Toluene-d8
Concen: 56.478 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080937.D
Acq: 07 Feb 2024 15:15

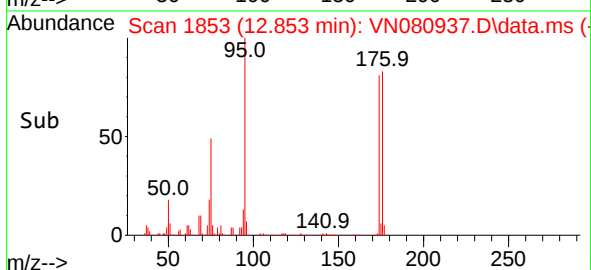
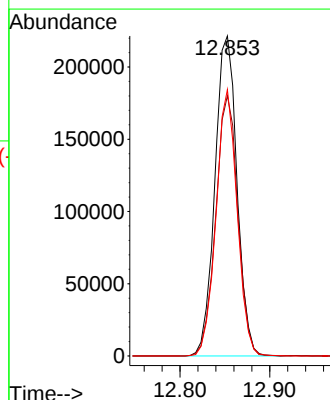
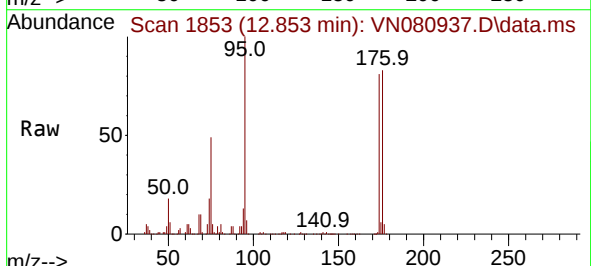
Instrument :
MSVOA_N
ClientSampleId :
PB158850TB

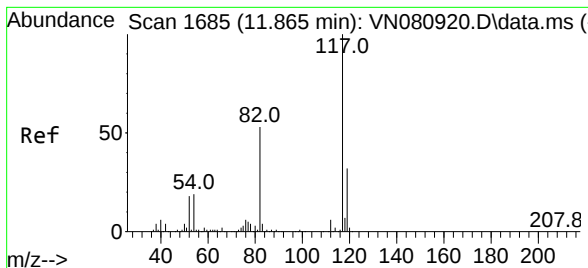
Tgt Ion: 98 Resp: 934335
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 62.885 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080937.D
Acq: 07 Feb 2024 15:15

Tgt Ion: 95 Resp: 377926
Ion Ratio Lower Upper
95 100
174 81.8 0.0 120.4
176 79.3 0.0 121.0

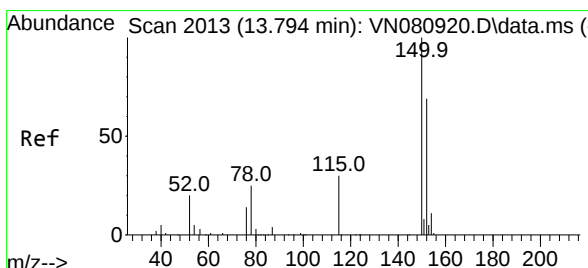
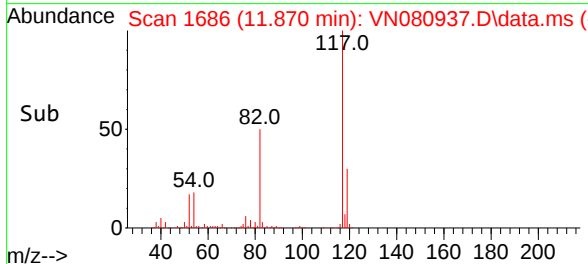
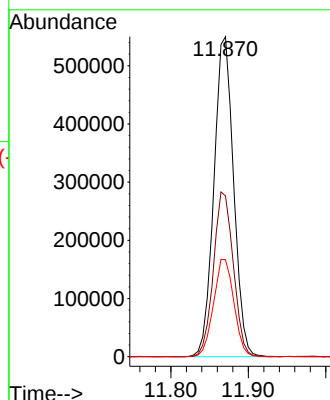
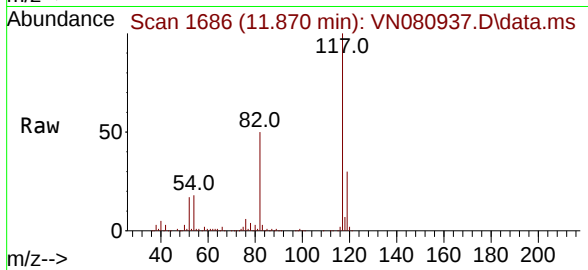




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080937.D
Acq: 07 Feb 2024 15:15

Instrument :
MSVOA_N
ClientSampleId :
PB158850TB

Tgt Ion:117 Resp: 971358
Ion Ratio Lower Upper
117 100
82 50.3 52.7 79.1#
119 30.3 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: VN080937.D
Acq: 07 Feb 2024 15:15

Tgt Ion:152 Resp: 364296
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 158.0 0.0 339.8

