

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010324\
 Data File : VN080640.D
 Acq On : 03 Jan 2024 15:20
 Operator : JC\MD
 Sample : PB158184ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158184ZHE#03

Quant Time: Jan 04 02:00:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

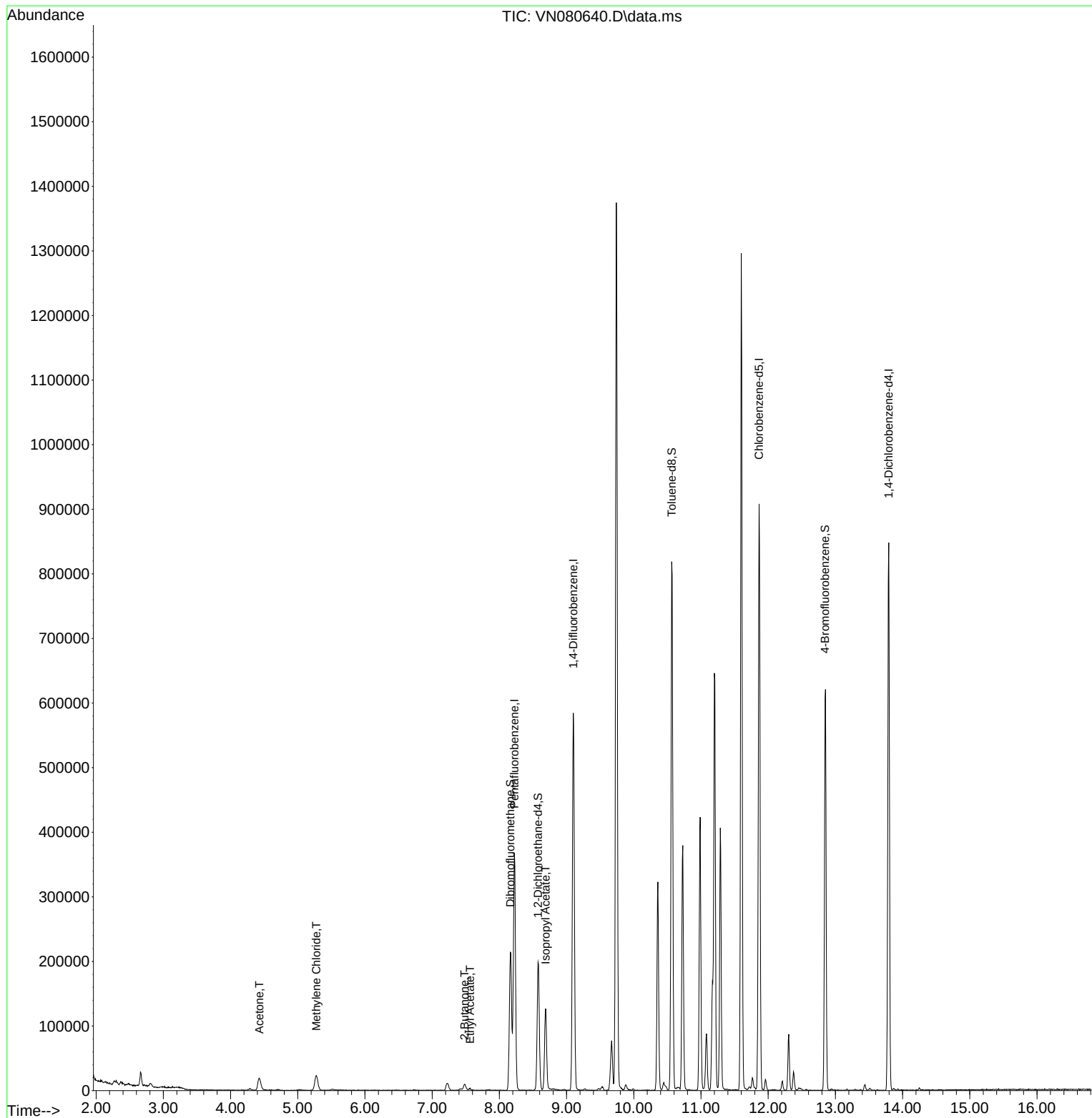
Internal Standards						
1) Pentafluorobenzene	8.224	168	263324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	512425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	529992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168607	49.917	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.840%
35) Dibromofluoromethane	8.165	113	155370	46.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.760%
50) Toluene-d8	10.565	98	580382	50.157	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.847	95	222389	57.106	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.220%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	36354	39.594	ug/l	98
20) Methylene Chloride	5.277	84	20339	6.942	ug/l	92
25) 2-Butanone	7.483	43	15376	8.960	ug/l	93
37) Ethyl Acetate	7.565	43	3954	1.027	ug/l #	74
43) Isopropyl Acetate	8.688	43	138551	22.210	ug/l #	90

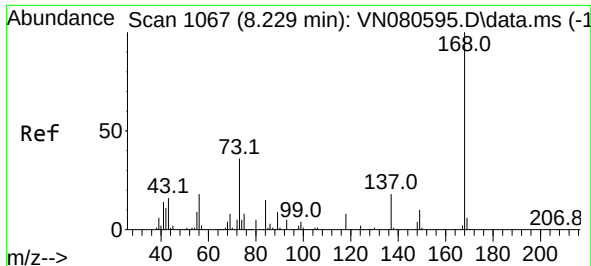
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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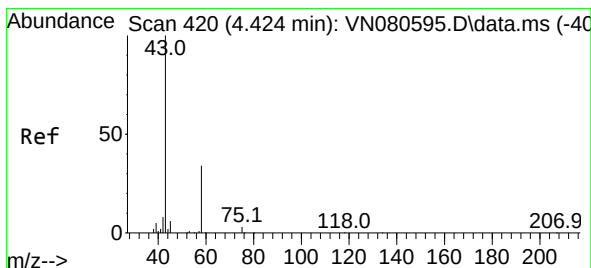
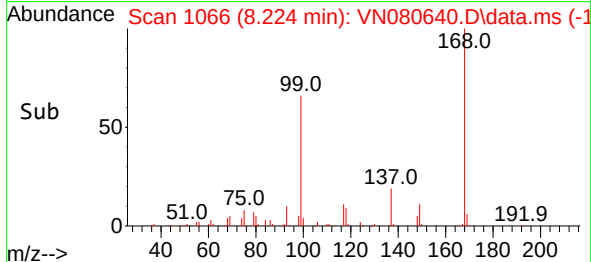
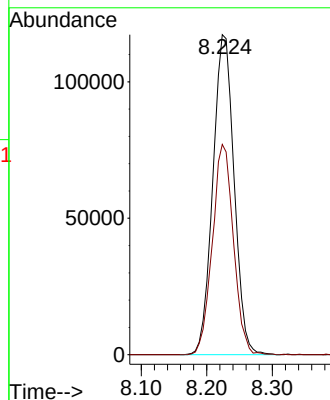
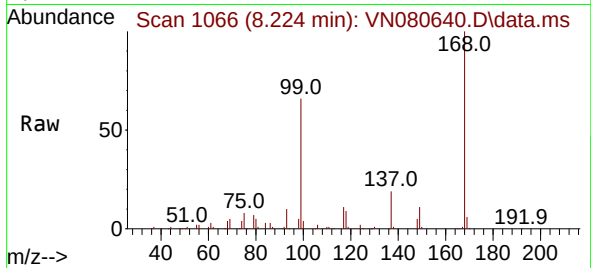




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080640.D
Acq: 03 Jan 2024 15:20

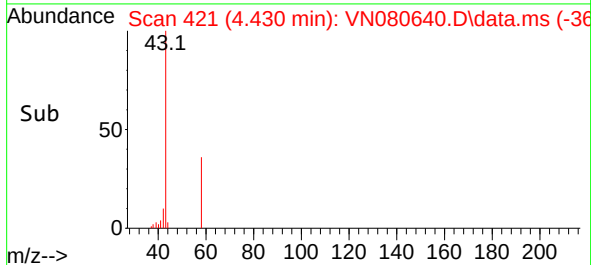
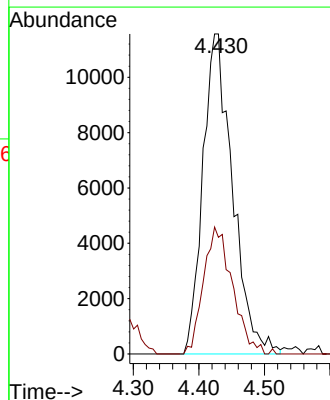
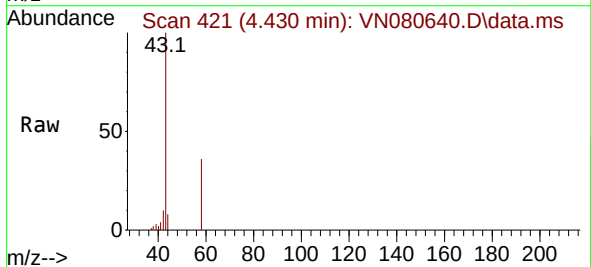
Instrument :
MSVOA_N
ClientSampleId :
PB158184ZHE#03

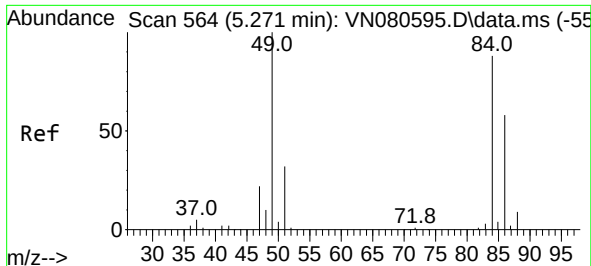
Tgt Ion:168 Resp: 263324
Ion Ratio Lower Upper
168 100
99 65.7 53.0 79.6



#16
Acetone
Concen: 39.594 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080640.D
Acq: 03 Jan 2024 15:20

Tgt Ion: 43 Resp: 36354
Ion Ratio Lower Upper
43 100
58 36.4 28.0 42.0

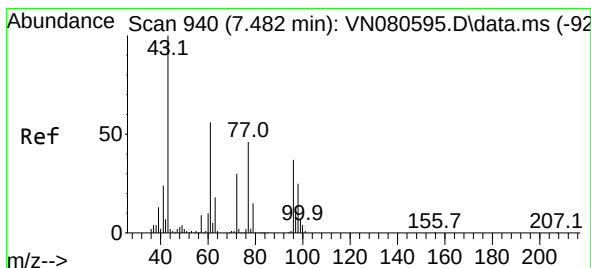
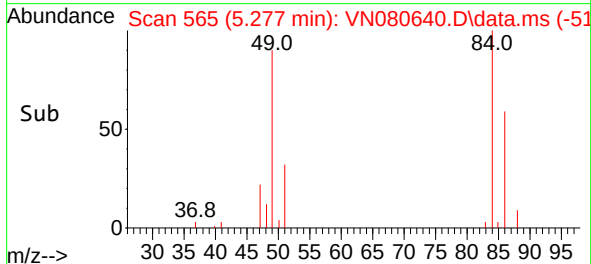
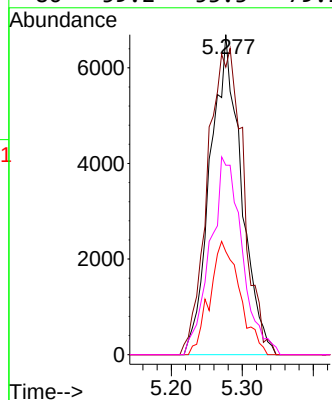
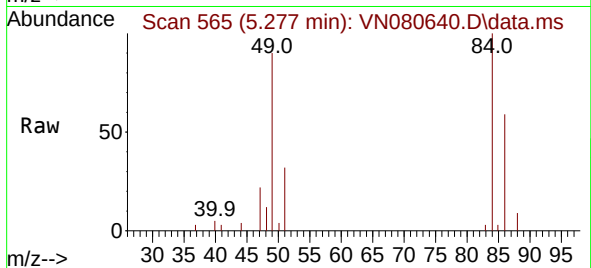




#20
Methylene Chloride
Concen: 6.942 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080640.D
Acq: 03 Jan 2024 15:20

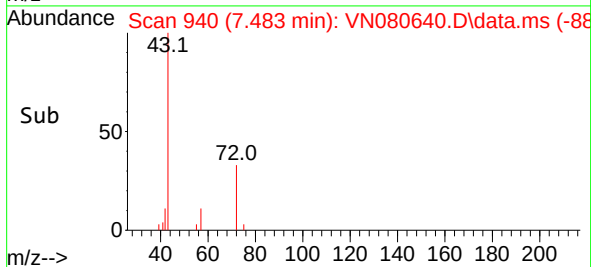
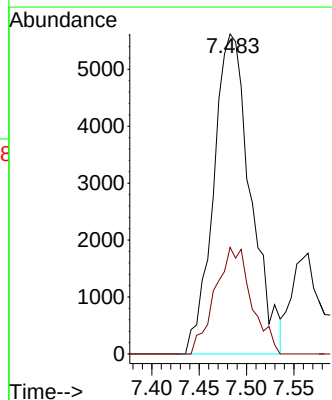
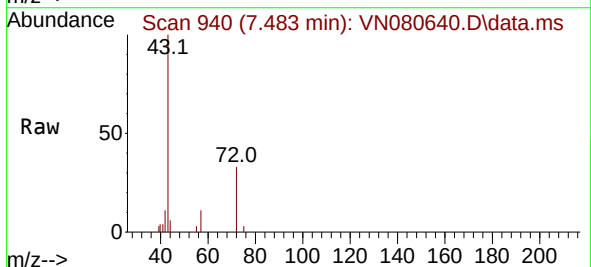
Instrument :
MSVOA_N
ClientSampleId :
PB158184ZHE#03

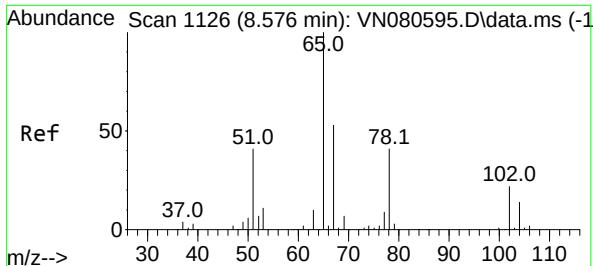
Tgt Ion: 84	Resp: 20339
Ion Ratio	Lower Upper
84 100	
49 89.9	79.7 119.5
51 32.2	25.2 37.8
86 59.2	53.3 79.9



#25
2-Butanone
Concen: 8.960 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080640.D
Acq: 03 Jan 2024 15:20

Tgt Ion: 43	Resp: 15376
Ion Ratio	Lower Upper
43 100	
72 33.3	30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 49.917 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080640.D

Acq: 03 Jan 2024 15:20

Instrument :

MSVOA_N

ClientSampleId :

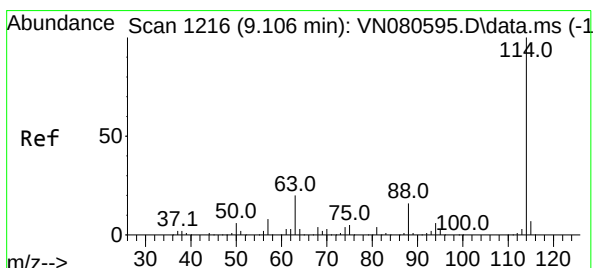
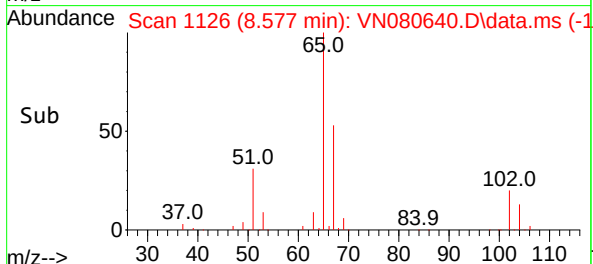
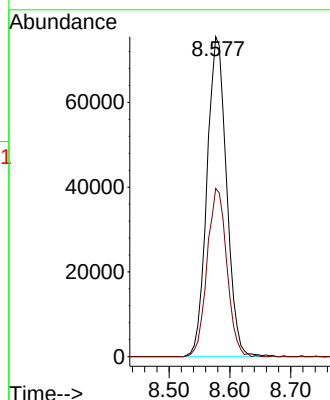
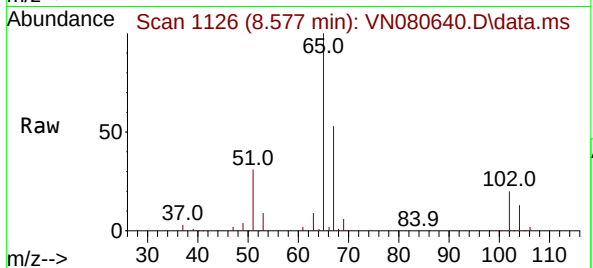
PB158184ZHE#03

Tgt Ion: 65 Resp: 168607

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080640.D

Acq: 03 Jan 2024 15:20

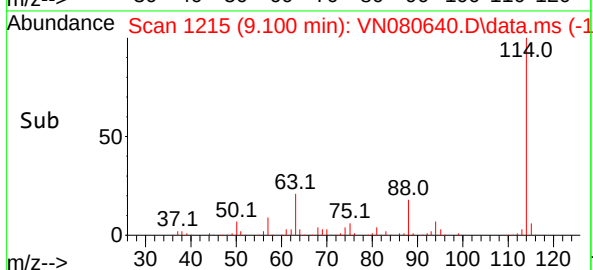
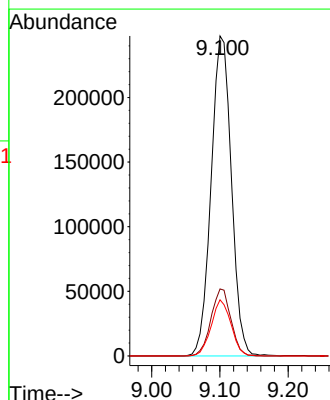
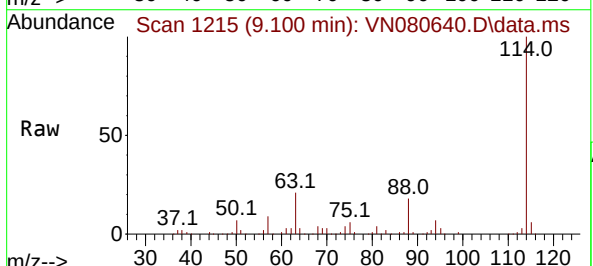
Tgt Ion: 114 Resp: 512425

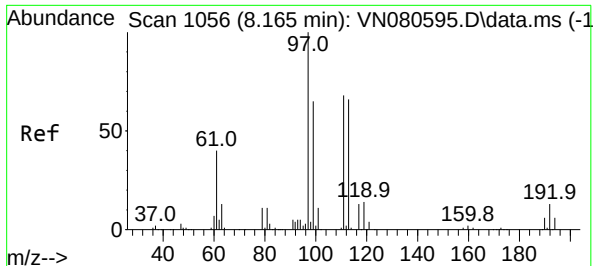
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

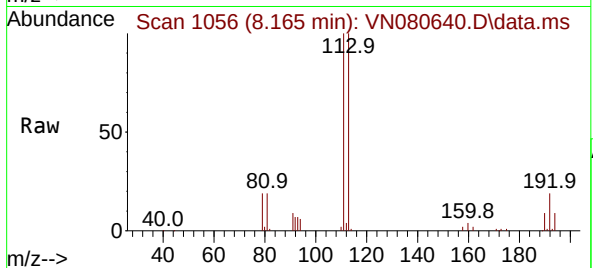
88 17.5 0.0 30.6



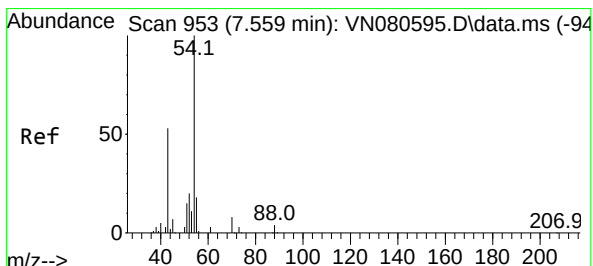
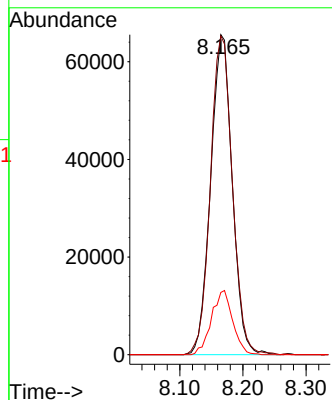
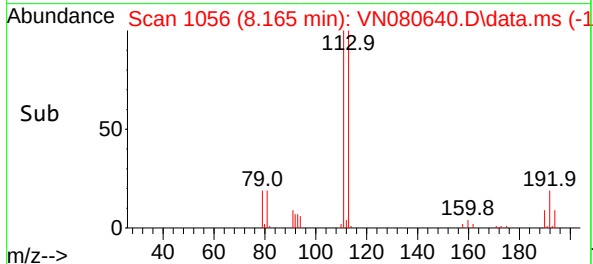


#35
Dibromofluoromethane
Concen: 46.881 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080640.D
Acq: 03 Jan 2024 15:20

Instrument :
MSVOA_N
ClientSampleId :
PB158184ZHE#03

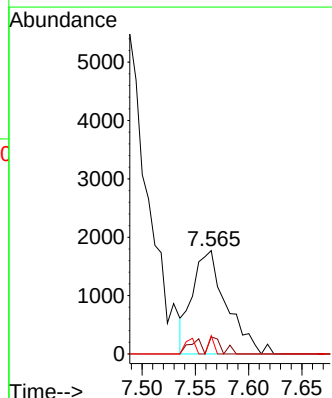
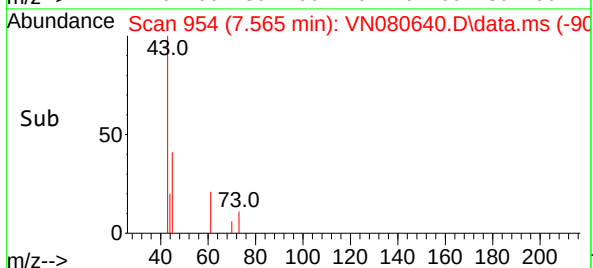
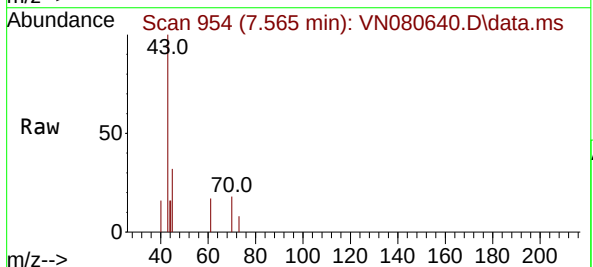


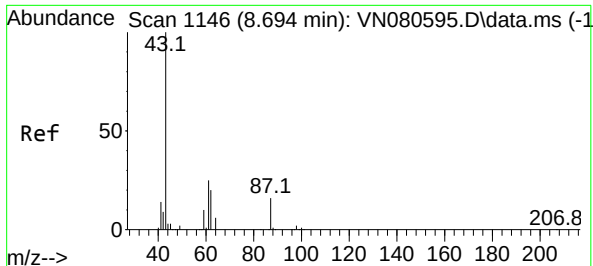
Tgt Ion:113 Resp: 155370
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 19.7 12.7 19.1#



#37
Ethyl Acetate
Concen: 1.027 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN080640.D
Acq: 03 Jan 2024 15:20

Tgt Ion: 43 Resp: 3954
Ion Ratio Lower Upper
43 100
61 6.3 13.2 19.8#
70 2.8 11.3 16.9#





#43

Isopropyl Acetate

Concen: 22.210 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN080640.D

Acq: 03 Jan 2024 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB158184ZHE#03

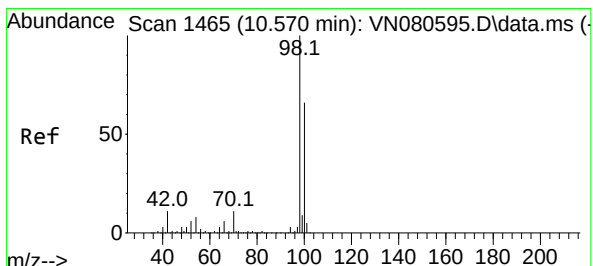
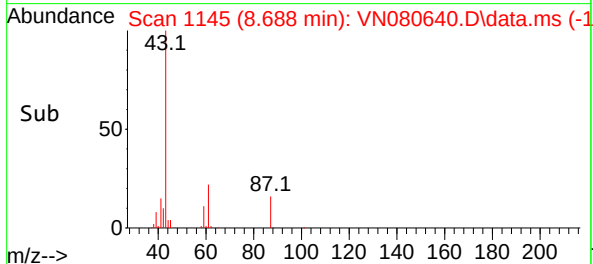
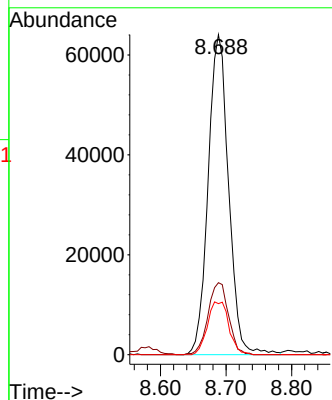
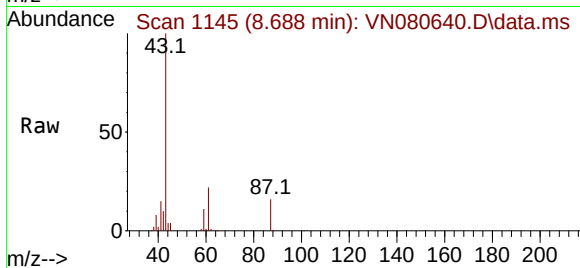
Tgt Ion: 43 Resp: 138551

Ion Ratio Lower Upper

43 100

61 22.6 24.7 37.1#

87 17.3 14.6 21.8



#50

Toluene-d8

Concen: 50.157 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080640.D

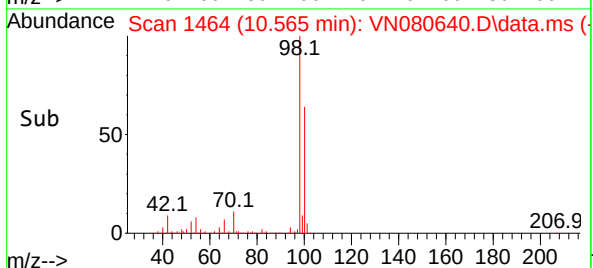
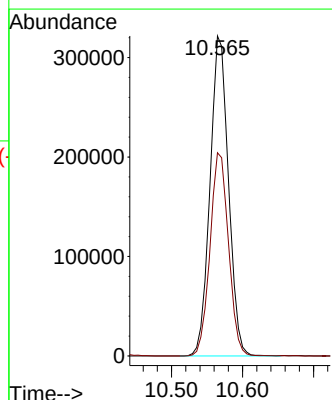
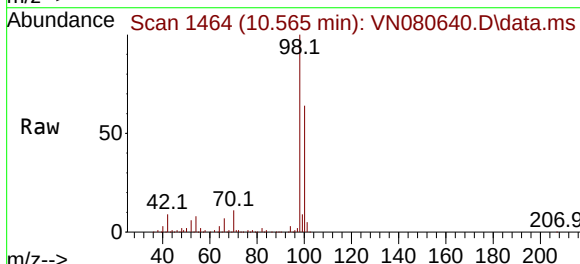
Acq: 03 Jan 2024 15:20

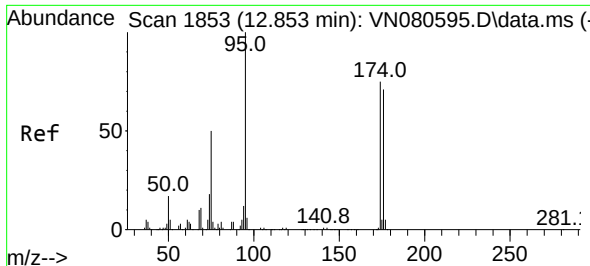
Tgt Ion: 98 Resp: 580382

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

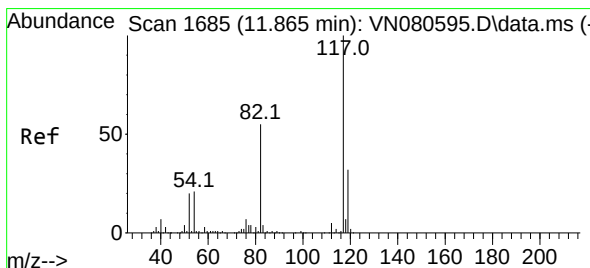
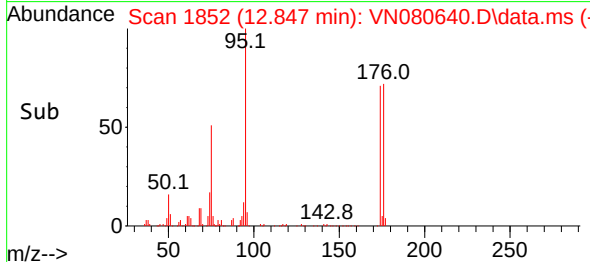
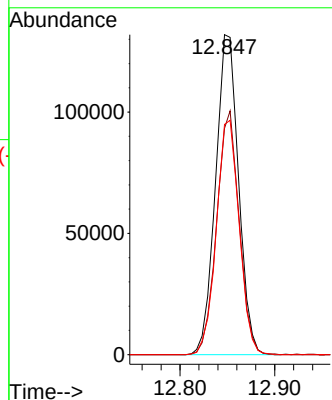
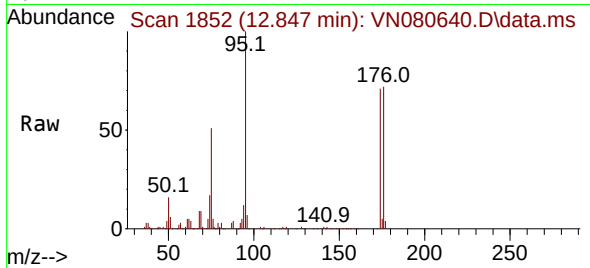




#62
4-Bromofluorobenzene
Concen: 57.106 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080640.D
Acq: 03 Jan 2024 15:20

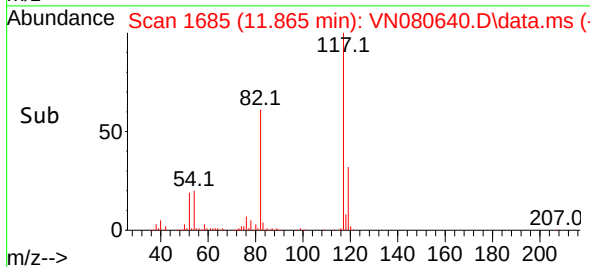
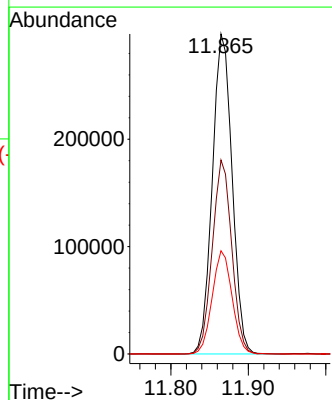
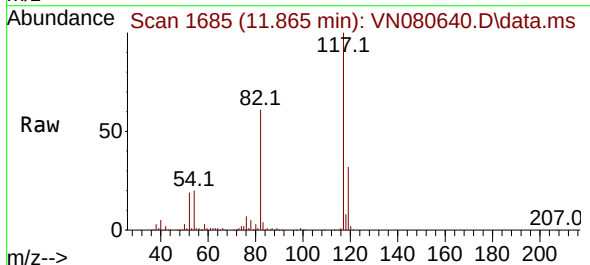
Instrument :
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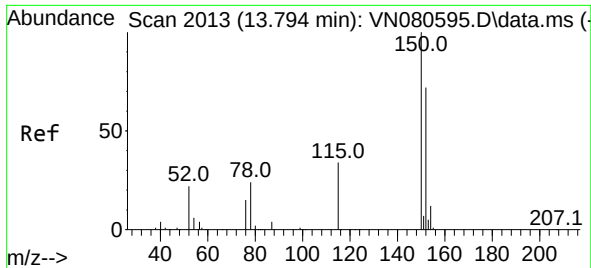
Tgt Ion: 95 Resp: 222389
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 72.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080640.D
Acq: 03 Jan 2024 15:20

Tgt Ion: 117 Resp: 529992
Ion Ratio Lower Upper
117 100
82 60.6 44.0 66.0
119 32.3 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: VN080640.D

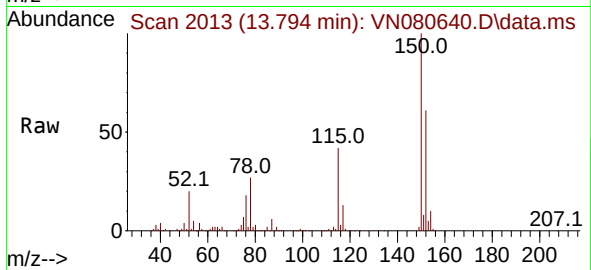
Acq: 03 Jan 2024 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB158184ZHE#03



Tgt Ion:152 Resp: 233399

Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 156.6 0.0 355.8

