

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082800.D
 Acq On : 03 Jul 2024 14:02
 Operator : JC\MD
 Sample : PB161888ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888ZHE#03

Quant Time: Jul 03 23:58:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

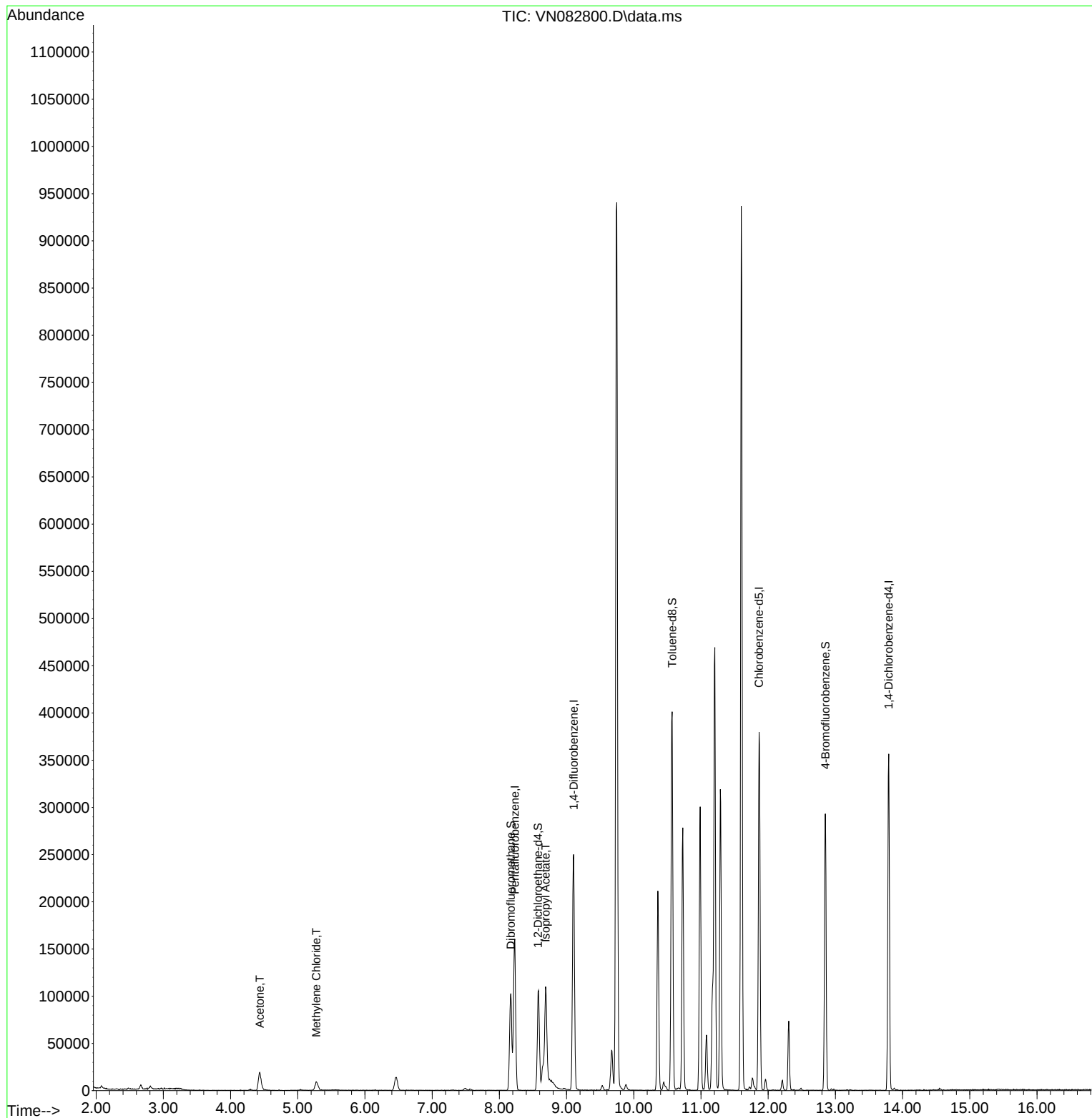
Internal Standards						
1) Pentafluorobenzene	8.230	168	115373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	215668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	88365	49.665	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.320%
35) Dibromofluoromethane	8.171	113	72910	51.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.700%
50) Toluene-d8	10.571	98	276613	52.090	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.180%
62) 4-Bromofluorobenzene	12.853	95	99955	54.810	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	109.620%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	36864	54.686	ug/l	94
20) Methylene Chloride	5.277	84	7189	4.215	ug/l #	80
43) Isopropyl Acetate	8.688	43	153076	39.906	ug/l #	87

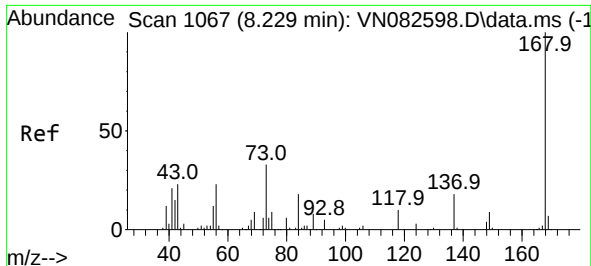
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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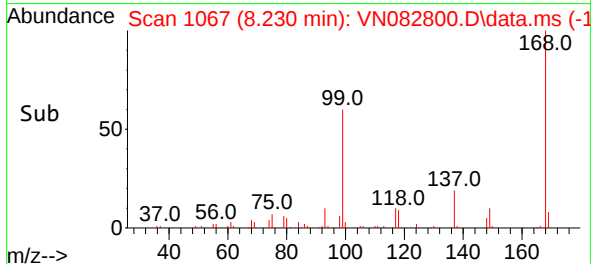
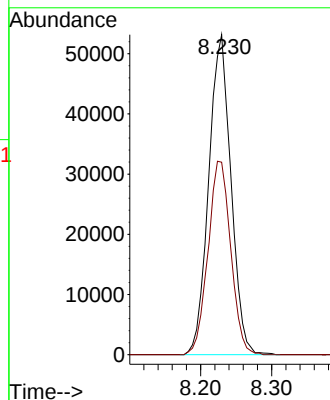
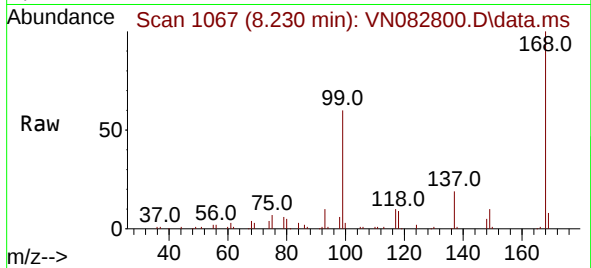




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082800.D
Acq: 03 Jul 2024 14:02

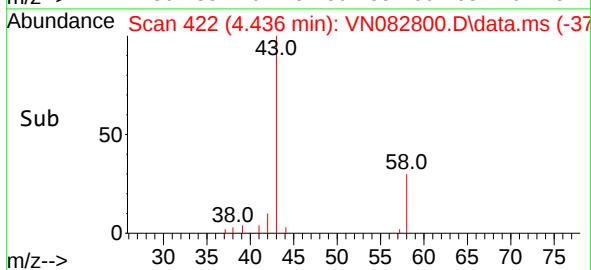
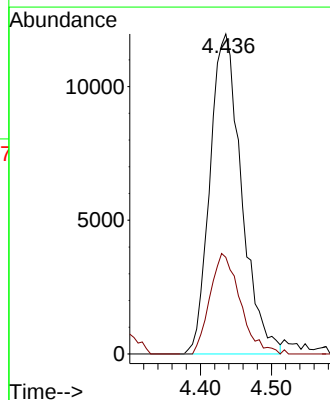
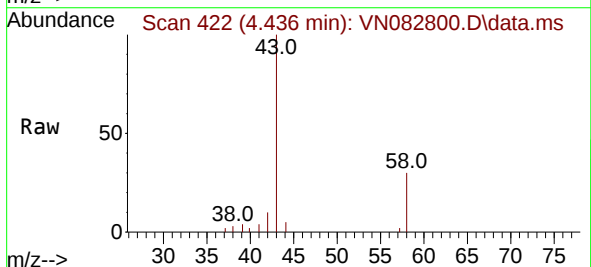
Instrument :
MSVOA_N
ClientSampleId :
PB161888ZHE#03

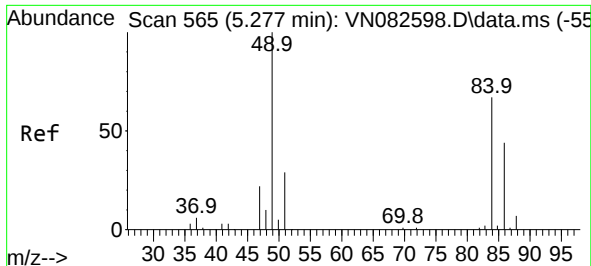
Tgt Ion:168 Resp: 115373
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#16
Acetone
Concen: 54.686 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082800.D
Acq: 03 Jul 2024 14:02

Tgt Ion: 43 Resp: 36864
Ion Ratio Lower Upper
43 100
58 30.2 21.8 32.6

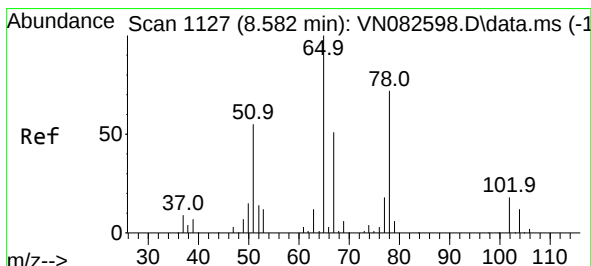
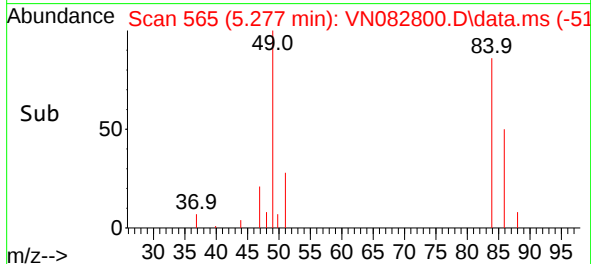
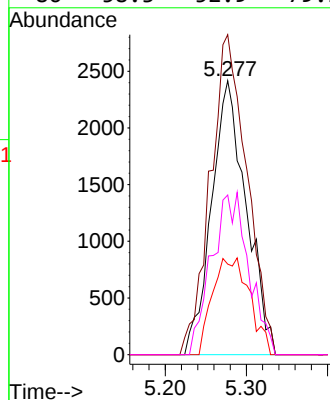
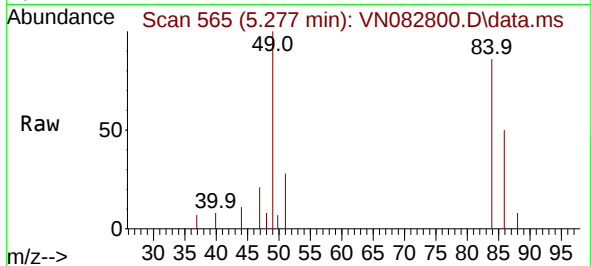




#20
Methylene Chloride
Concen: 4.215 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082800.D
Acq: 03 Jul 2024 14:02

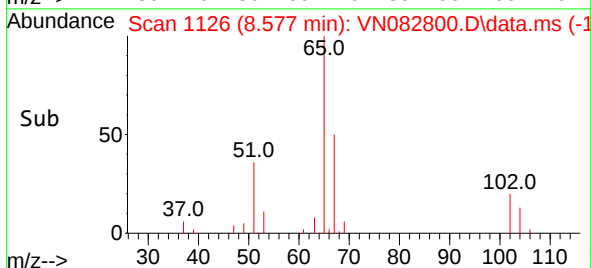
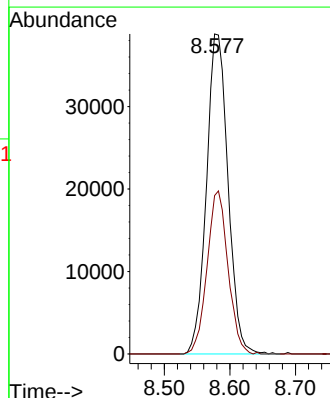
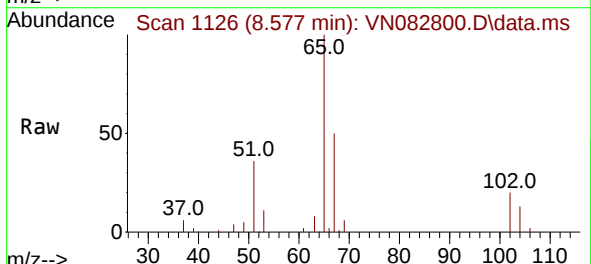
Instrument :
MSVOA_N
ClientSampleId :
PB161888ZHE#03

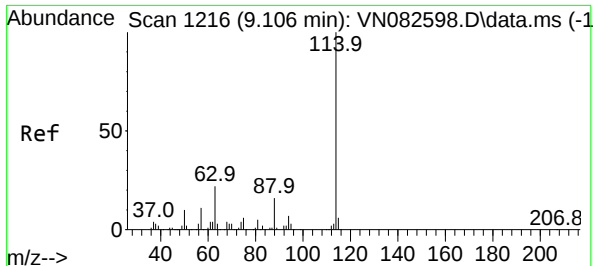
Tgt Ion:	84	Resp:	7189
Ion	Ratio	Lower	Upper
84	100		
49	116.8	119.6	179.4#
51	33.1	34.8	52.2#
86	58.3	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 49.665 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082800.D
Acq: 03 Jul 2024 14:02

Tgt Ion:	65	Resp:	88365
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082800.D

Acq: 03 Jul 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

PB161888ZHE#03

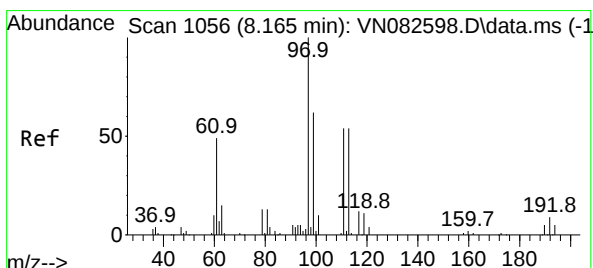
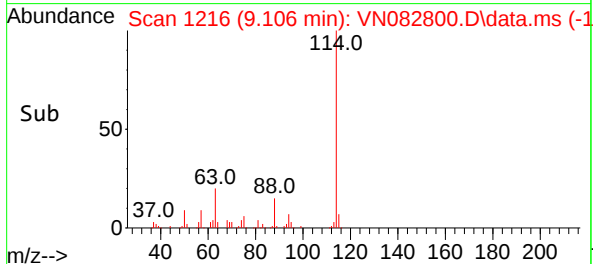
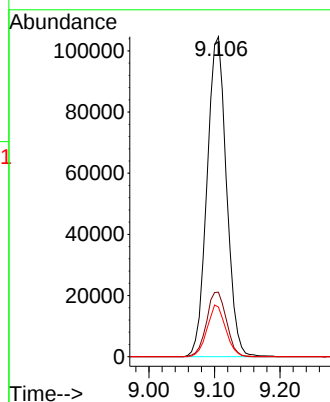
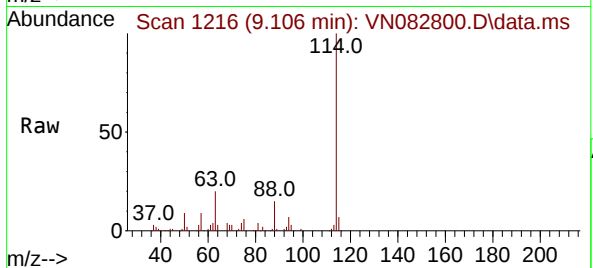
Tgt Ion:114 Resp: 215668

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.6

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.347 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082800.D

Acq: 03 Jul 2024 14:02

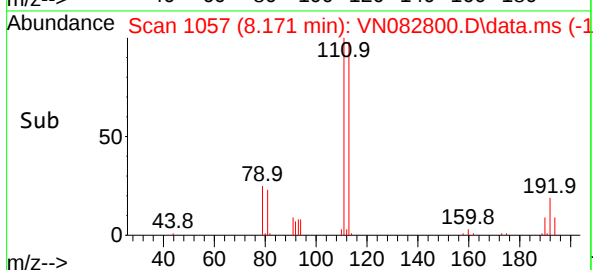
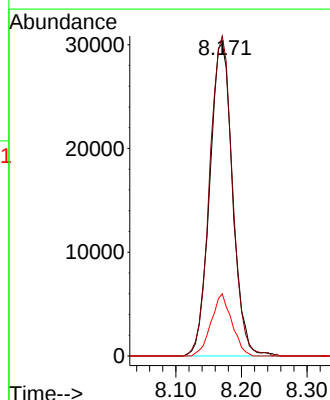
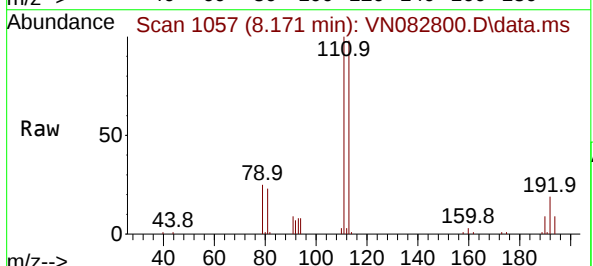
Tgt Ion:113 Resp: 72910

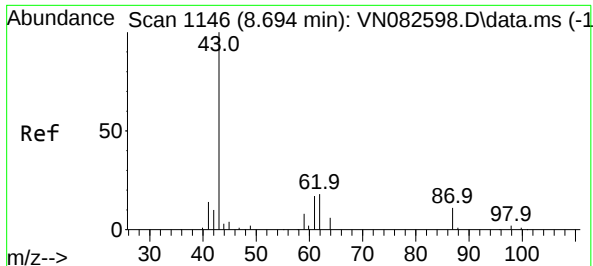
Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 18.0 14.9 22.3

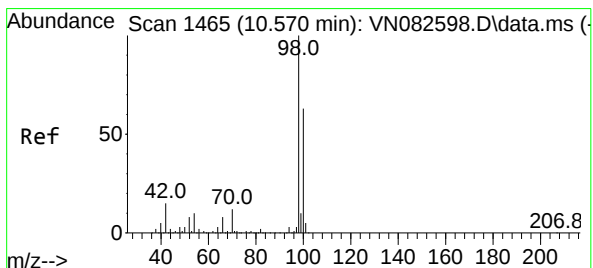
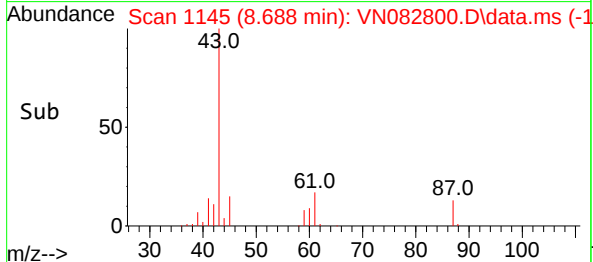
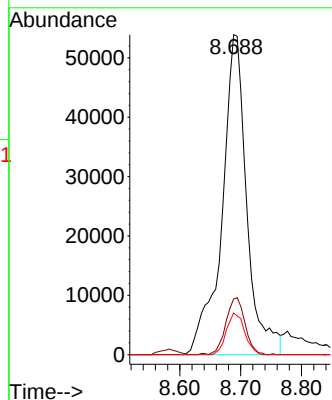
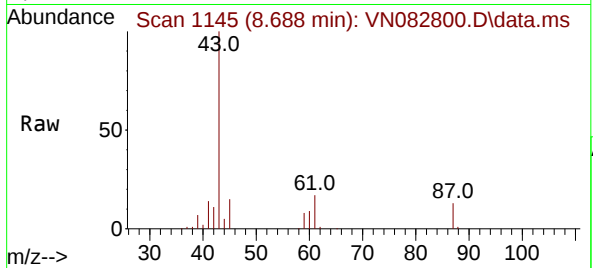




#43
Isopropyl Acetate
Concen: 39.906 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082800.D
Acq: 03 Jul 2024 14:02

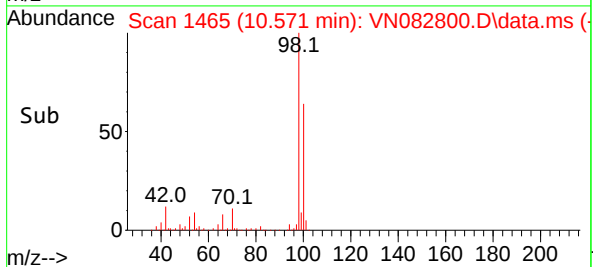
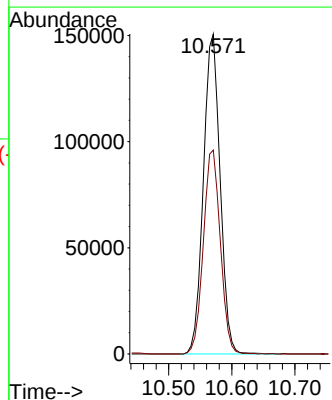
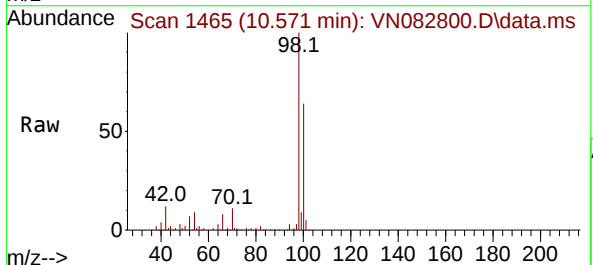
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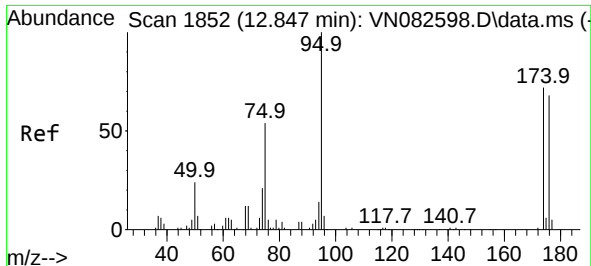
Tgt Ion: 43 Resp: 153076
Ion Ratio Lower Upper
43 100
61 13.7 17.8 26.6#
87 9.5 8.2 12.2



#50
Toluene-d8
Concen: 52.090 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082800.D
Acq: 03 Jul 2024 14:02

Tgt Ion: 98 Resp: 276613
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

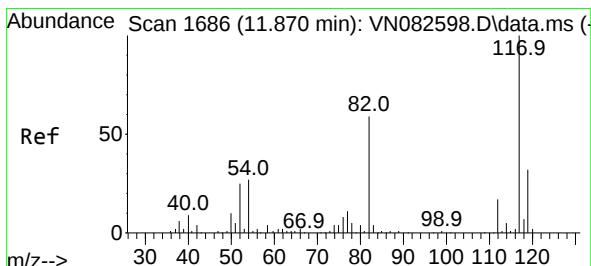
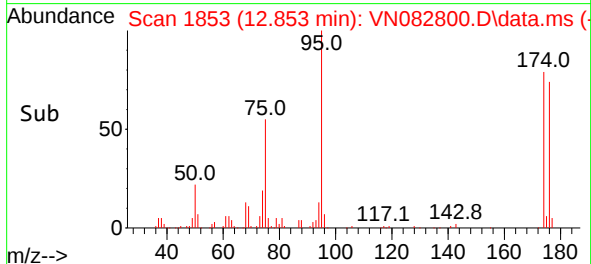
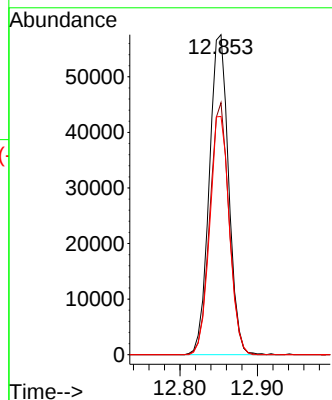
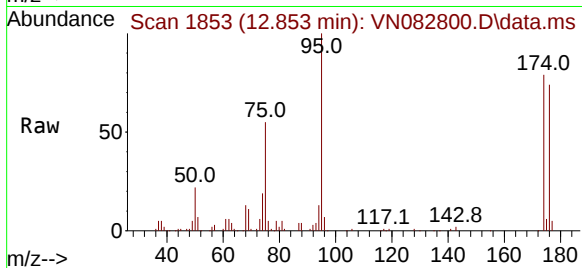




#62
4-Bromofluorobenzene
Concen: 54.810 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082800.D
Acq: 03 Jul 2024 14:02

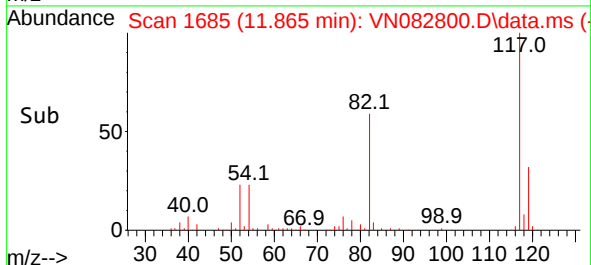
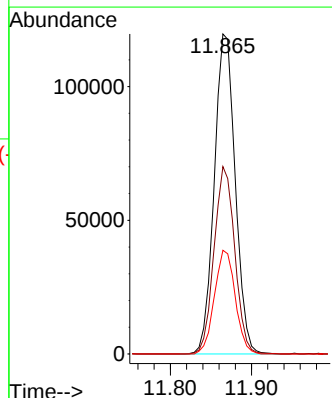
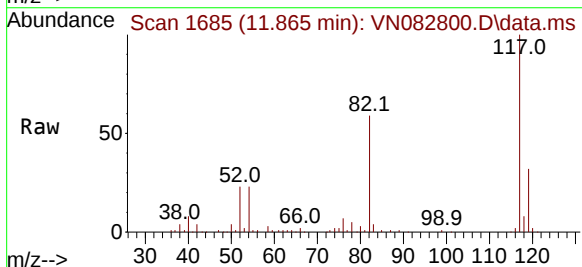
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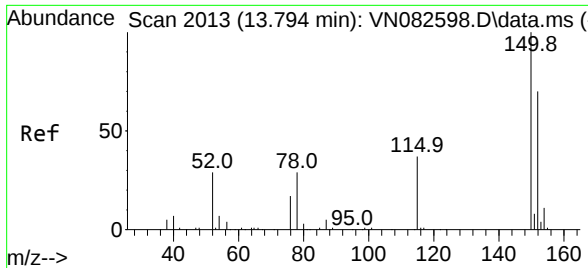
Tgt Ion: 95 Resp: 99955
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.2
176 75.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082800.D
Acq: 03 Jul 2024 14:02

Tgt Ion: 117 Resp: 214852
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 32.4 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: VN082800.D
 Acq: 03 Jul 2024 14:02

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888ZHE#03

Tgt Ion:152 Resp: 94805
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.6 91.6
 150 157.5 0.0 348.6

