

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082798.D
 Acq On : 03 Jul 2024 13:14
 Operator : JC\MD
 Sample : PB161888ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888ZHE#01

Quant Time: Jul 03 23:57:40 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)

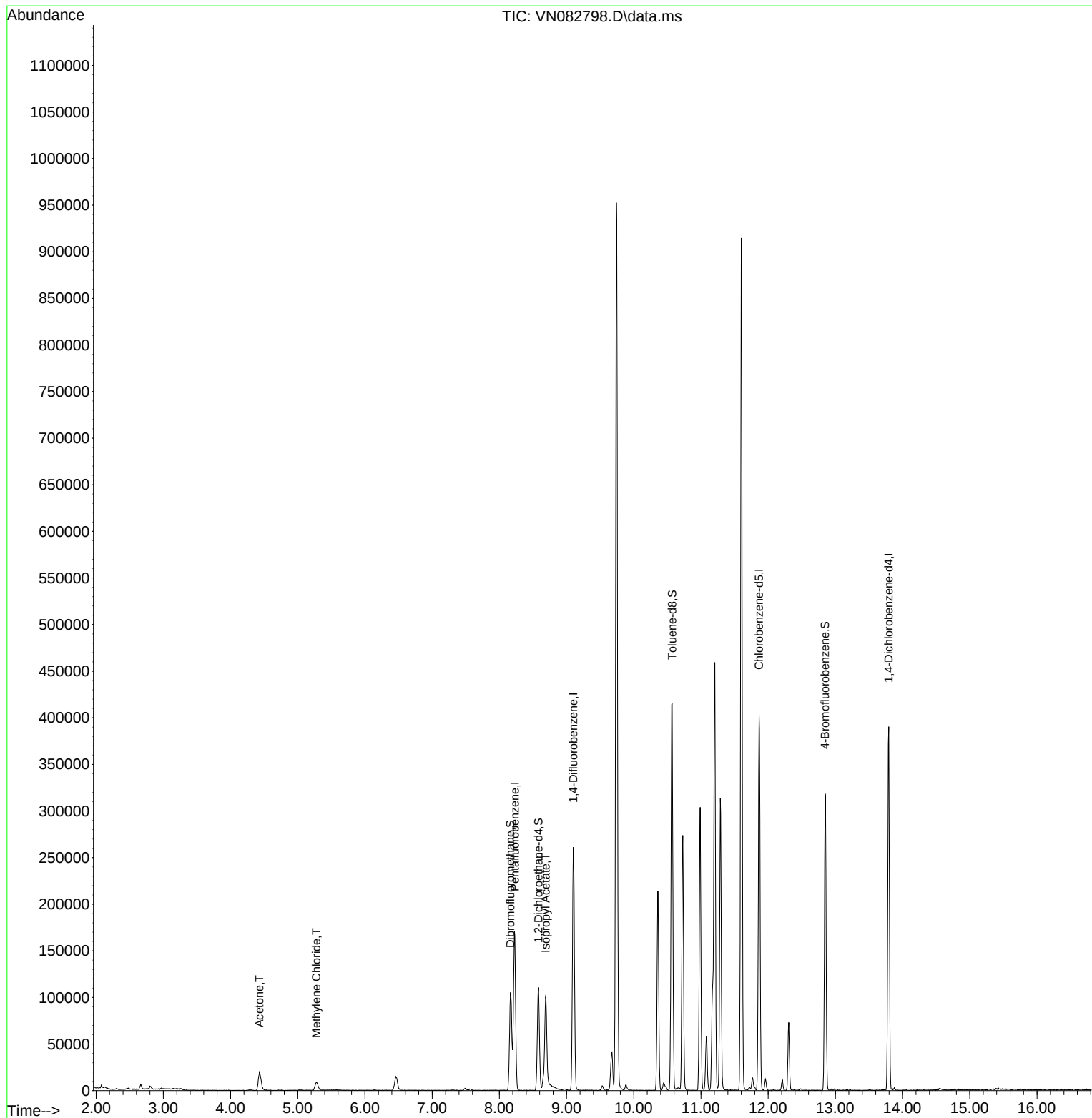
Internal Standards						
1) Pentafluorobenzene	8.230	168	121657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	91067	48.540	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.080%
35) Dibromofluoromethane	8.165	113	75832	50.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	10.571	98	290186	52.078	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.847	95	107568	56.214	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	112.420%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	37227	52.372	ug/l #	89
20) Methylene Chloride	5.277	84	7201	4.003	ug/l #	78
43) Isopropyl Acetate	8.688	43	132918	33.094	ug/l #	90

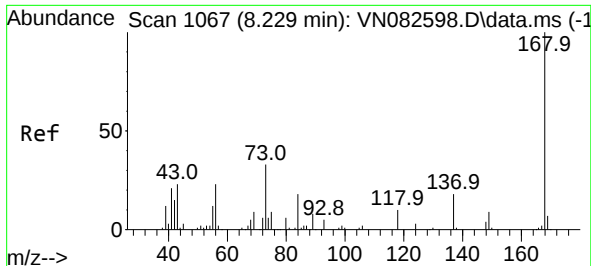
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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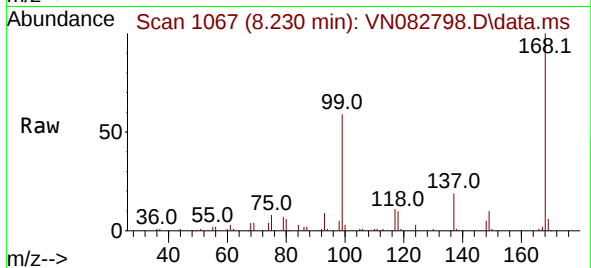
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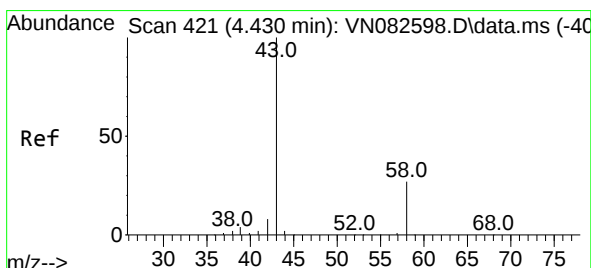
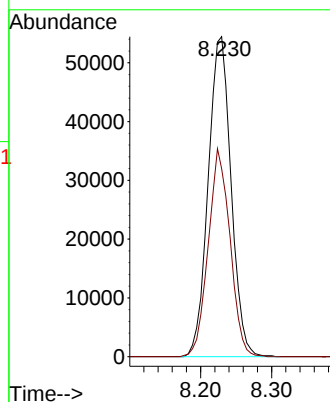
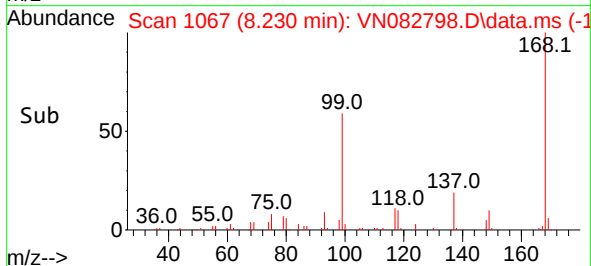


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Instrument :
MSVOA_N
ClientSampleId :
PB161888ZHE#01

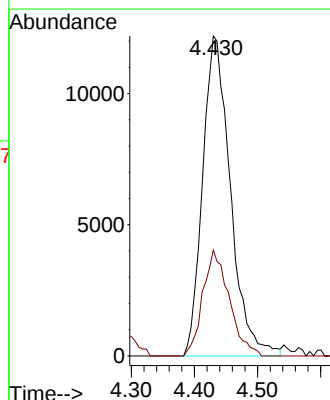
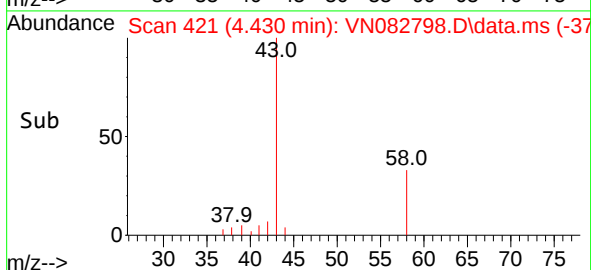
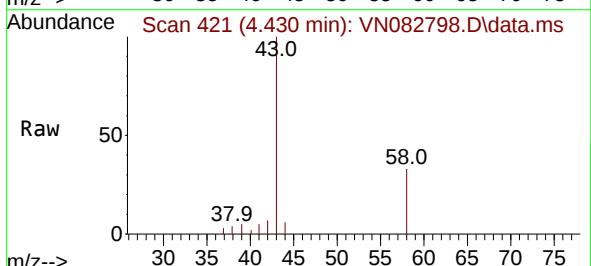


Tgt Ion:168 Resp: 121657
Ion Ratio Lower Upper
168 100
99 58.7 48.2 72.4



#16
Acetone
Concen: 52.372 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion: 43 Resp: 37227
Ion Ratio Lower Upper
43 100
58 33.1 21.8 32.6#

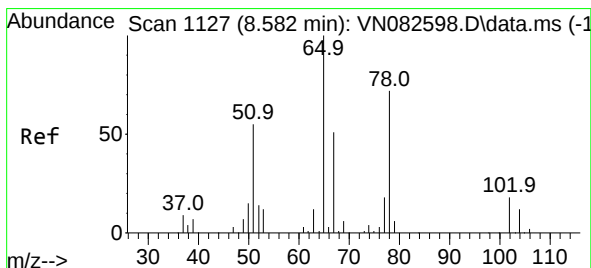
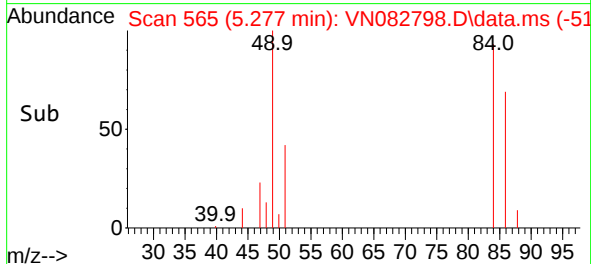
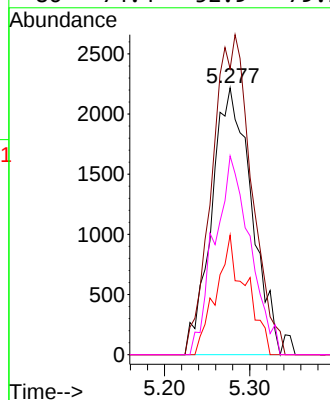
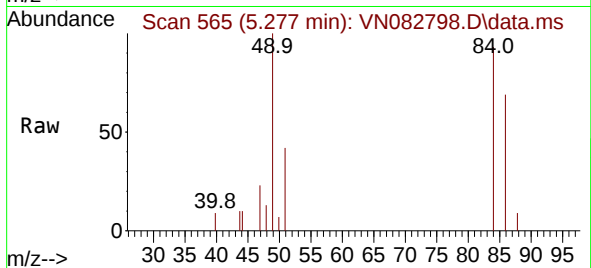




#20
Methylene Chloride
Concen: 4.003 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

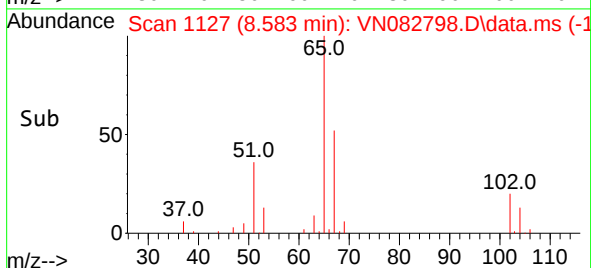
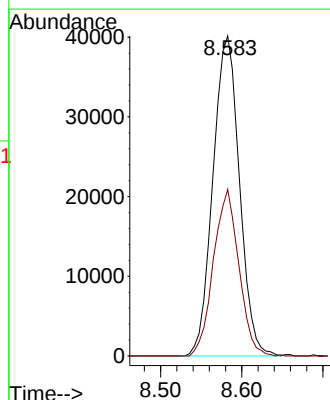
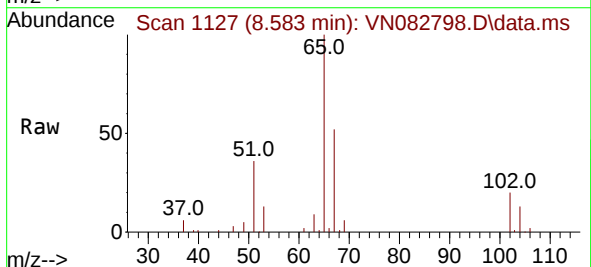
Instrument :
MSVOA_N
ClientSampleId :
PB161888ZHE#01

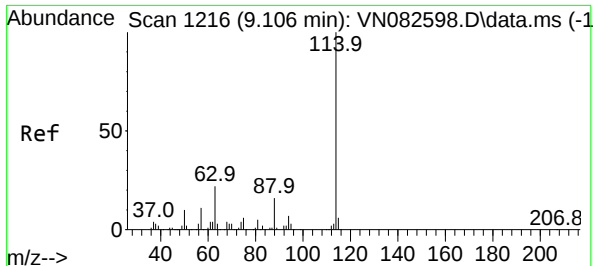
Tgt Ion:	84	Resp:	7201
Ion	Ratio	Lower	Upper
84	100		
49	107.1	119.6	179.4#
51	44.8	34.8	52.2
86	74.4	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 48.540 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion:	65	Resp:	91067
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082798.D

Acq: 03 Jul 2024 13:14

Instrument :

MSVOA_N

ClientSampleId :

PB161888ZHE#01

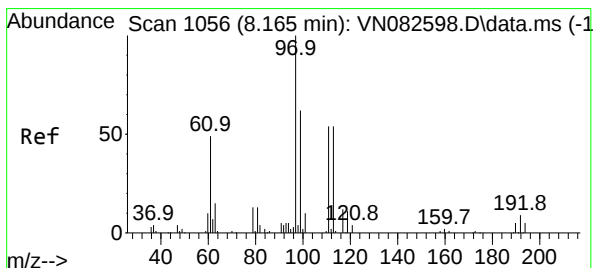
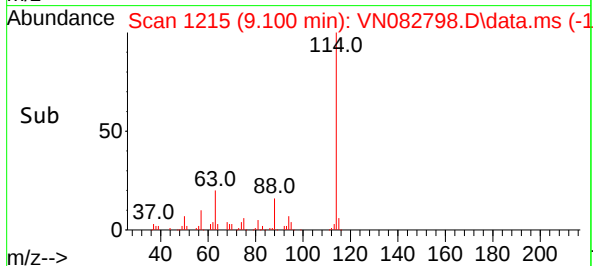
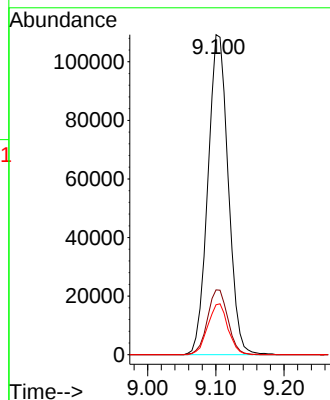
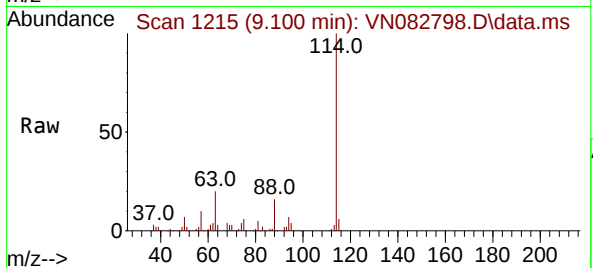
Tgt Ion:114 Resp: 226301

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.6

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.895 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082798.D

Acq: 03 Jul 2024 13:14

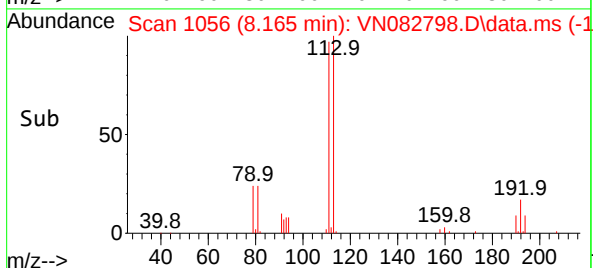
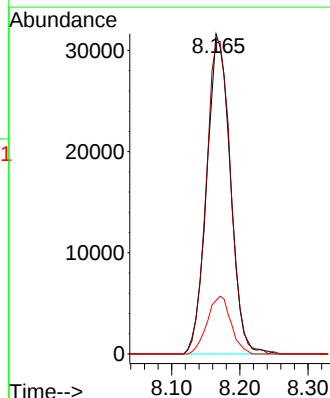
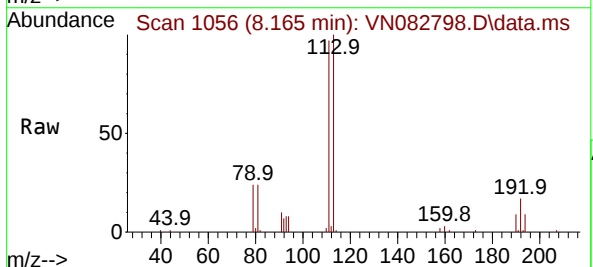
Tgt Ion:113 Resp: 75832

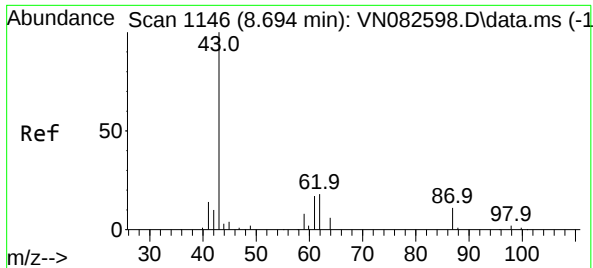
Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 18.1 14.9 22.3

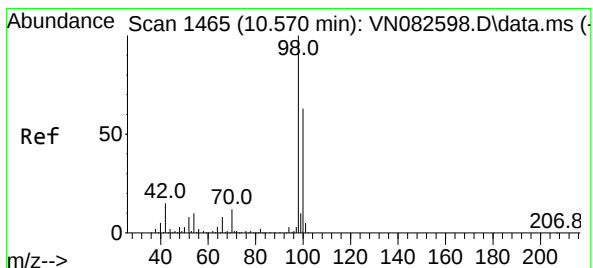
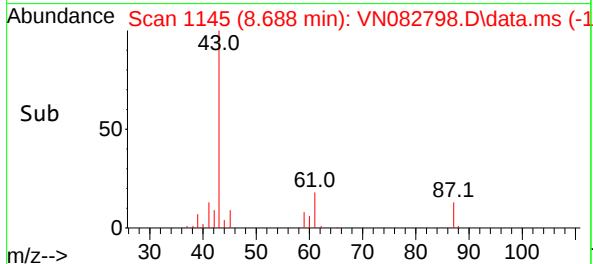
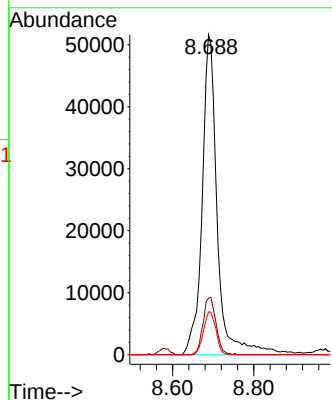
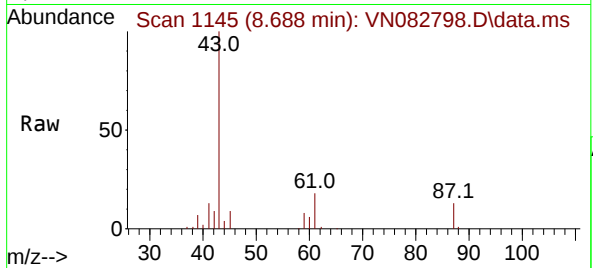




#43
Isopropyl Acetate
Concen: 33.094 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

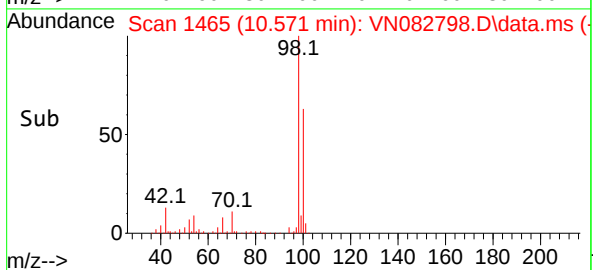
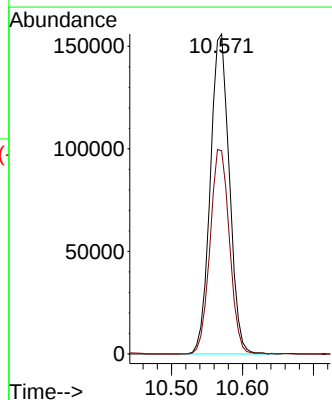
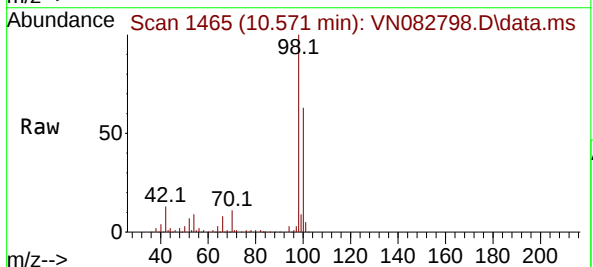
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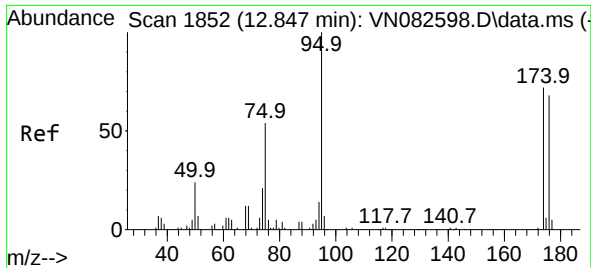
Tgt Ion: 43 Resp: 132918
Ion Ratio Lower Upper
43 100
61 15.3 17.8 26.6#
87 10.9 8.2 12.2



#50
Toluene-d8
Concen: 52.078 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion: 98 Resp: 290186
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

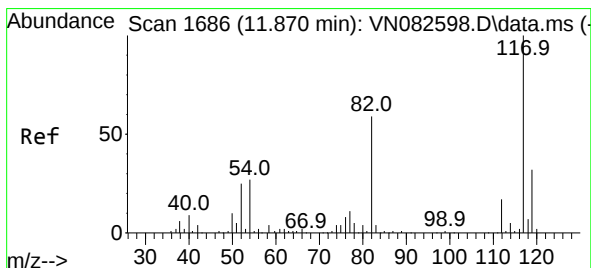
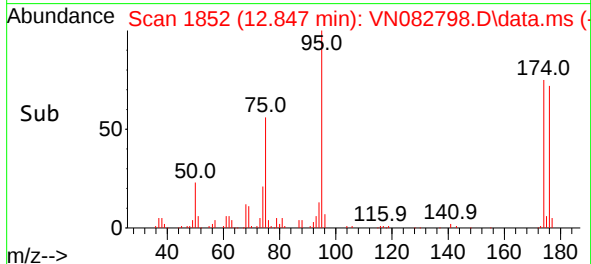
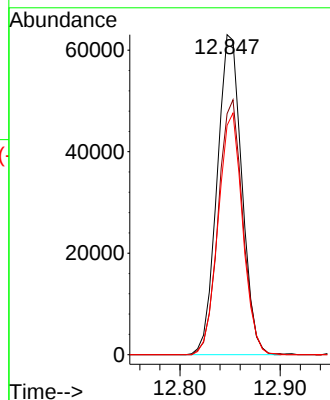
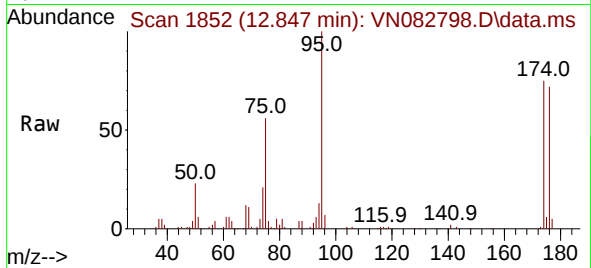




#62
4-Bromofluorobenzene
Concen: 56.214 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

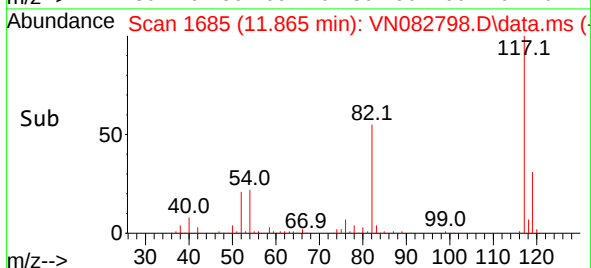
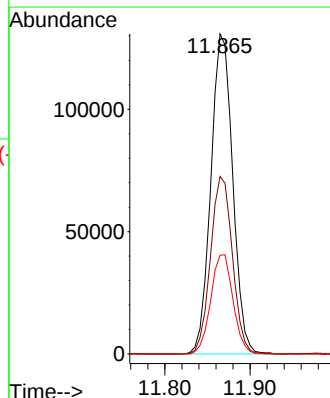
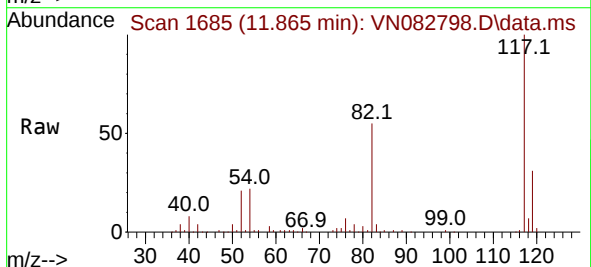
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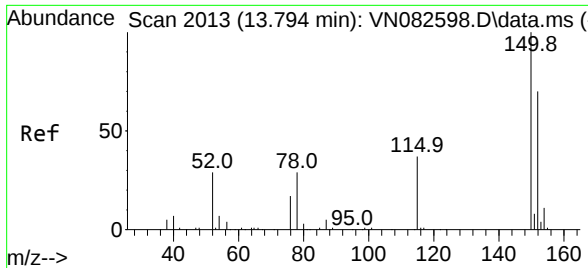
Tgt Ion: 95 Resp: 107568
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.2
176 74.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082798.D
Acq: 03 Jul 2024 13:14

Tgt Ion: 117 Resp: 233384
Ion Ratio Lower Upper
117 100
82 55.5 47.5 71.3
119 30.9 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: VN082798.D
 Acq: 03 Jul 2024 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888ZHE#01

Tgt Ion:152 Resp: 102633
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.6 91.6
 150 156.3 0.0 348.6

