

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082961.D
 Acq On : 17 Jul 2024 14:22
 Operator : JC\MD
 Sample : PB162094TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162094TB

Quant Time: Jul 18 05:24:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

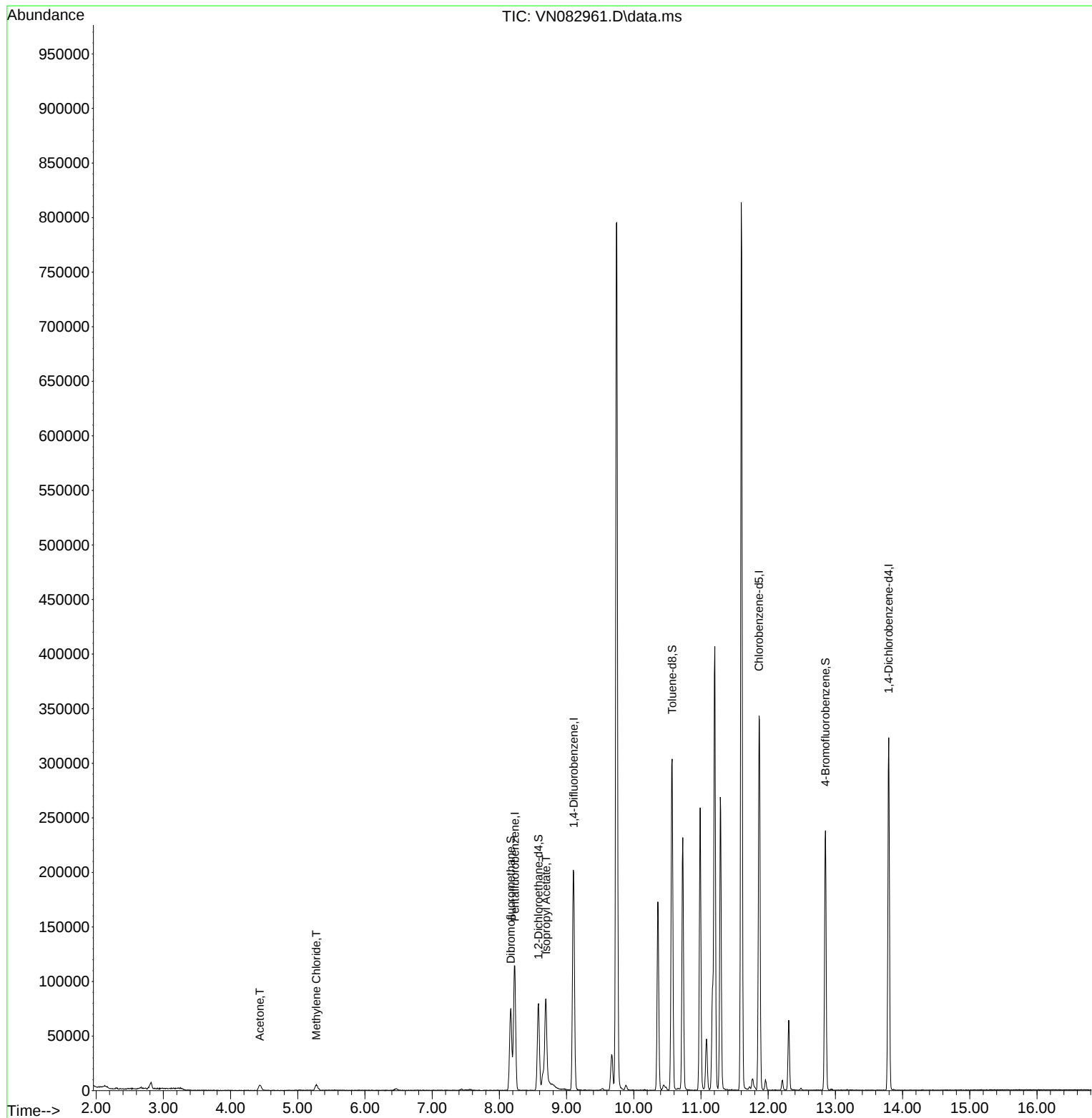
Internal Standards						
1) Pentafluorobenzene	8.230	168	82630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	172332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	195310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	65758	56.771	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.540%
35) Dibromofluoromethane	8.171	113	53232	48.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	10.571	98	208697	51.098	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.853	95	78162	53.276	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.560%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	10211	25.039	ug/l	91
20) Methylene Chloride	5.277	84	3725	3.782	ug/l	87
43) Isopropyl Acetate	8.694	43	110426	36.955	ug/l #	88

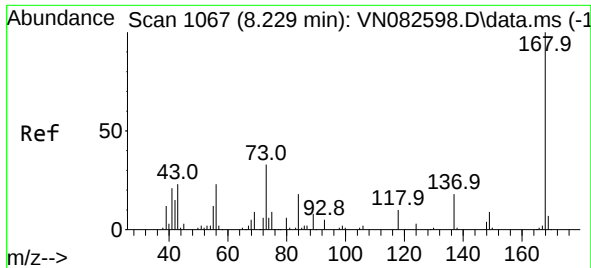
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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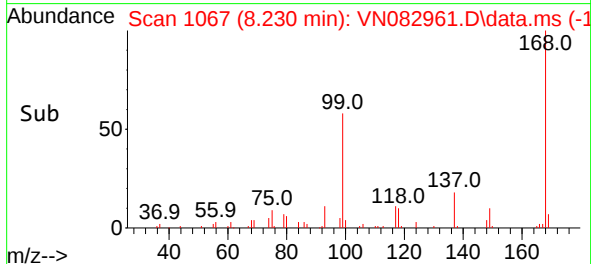
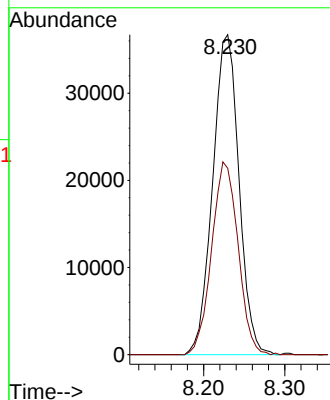
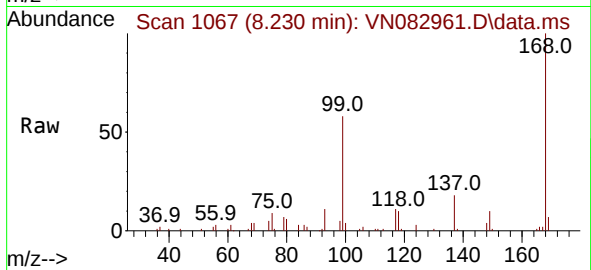




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

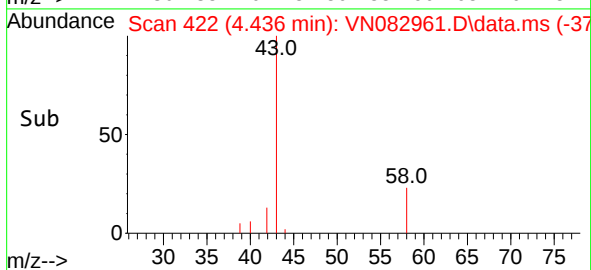
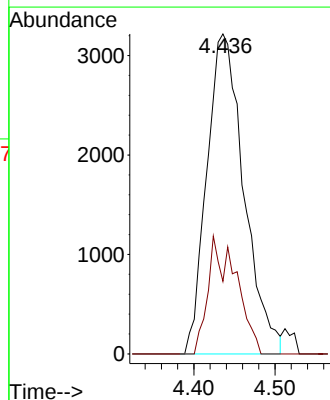
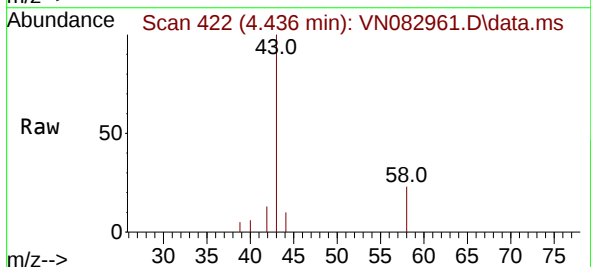
Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

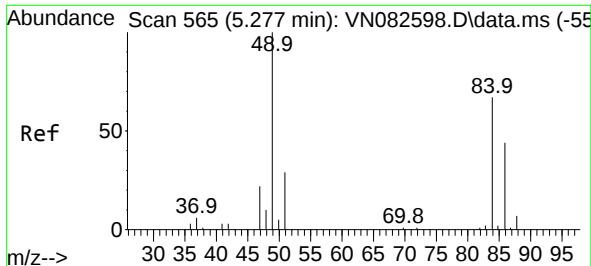
Tgt Ion:168 Resp: 82630
Ion Ratio Lower Upper
168 100
99 58.3 48.2 72.4



#16
Acetone
Concen: 25.039 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

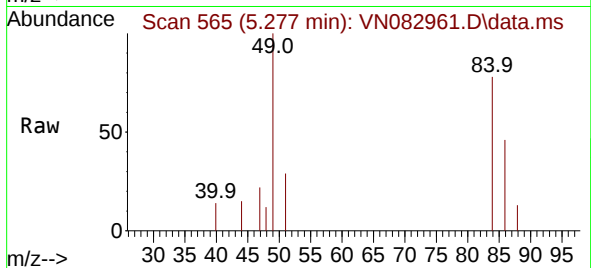
Tgt Ion: 43 Resp: 10211
Ion Ratio Lower Upper
43 100
58 22.7 21.8 32.6



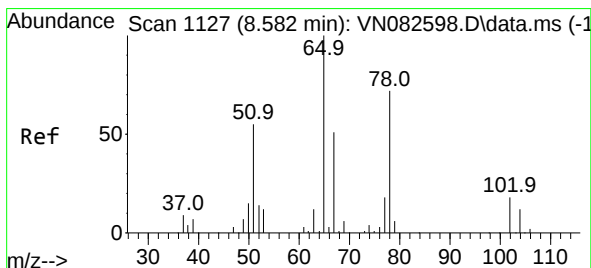
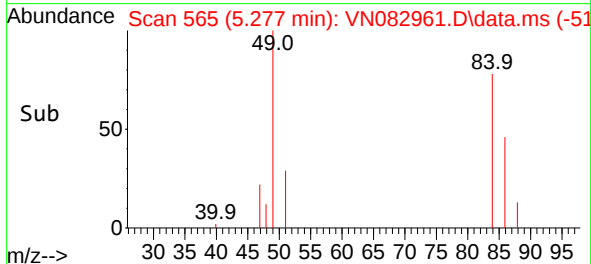
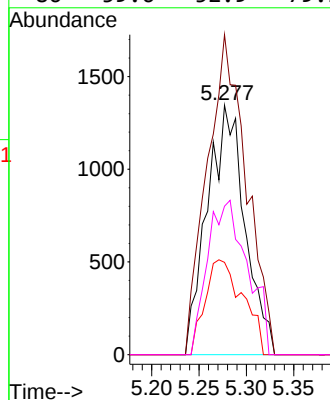


#20
Methylene Chloride
Concen: 3.782 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

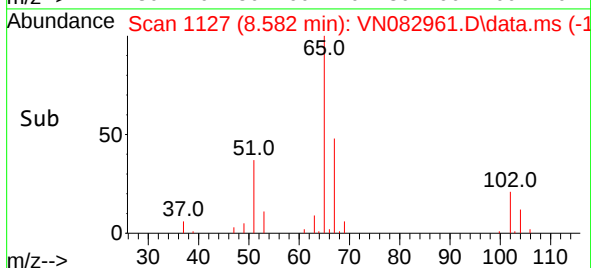
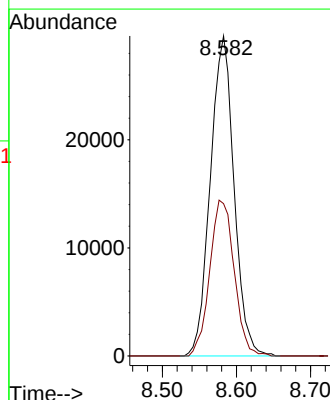
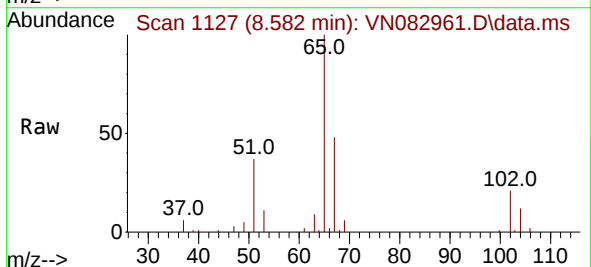


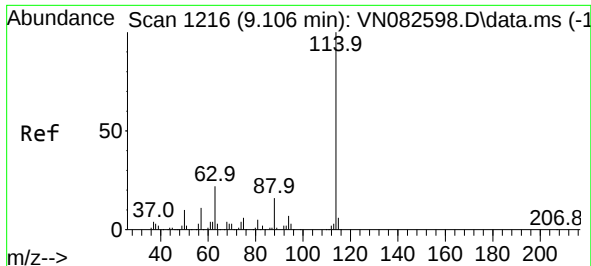
Tgt Ion:	84	Resp:	3725
Ion	Ratio	Lower	Upper
84	100		
49	128.3	119.6	179.4
51	37.0	34.8	52.2
86	59.6	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 56.771 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Tgt Ion:	65	Resp:	65758
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.4

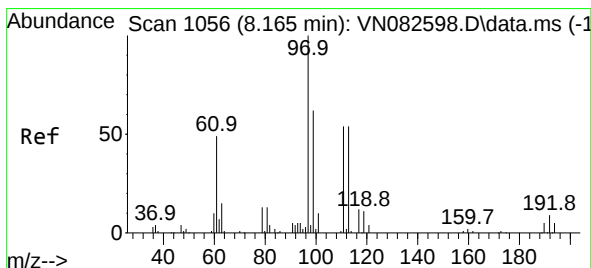
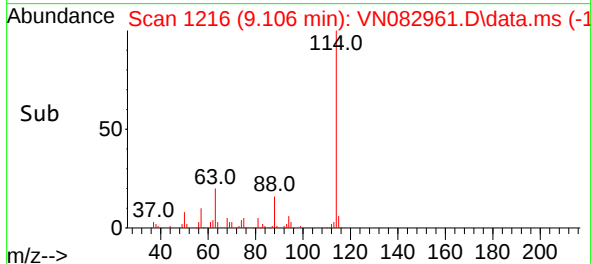
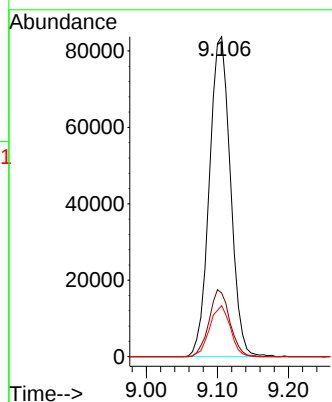
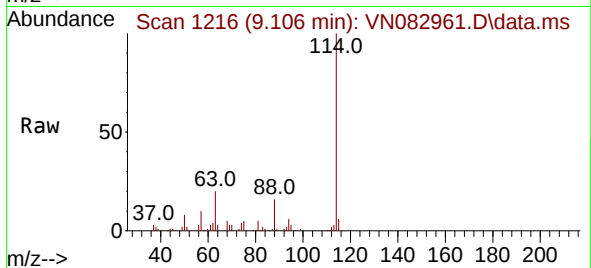




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

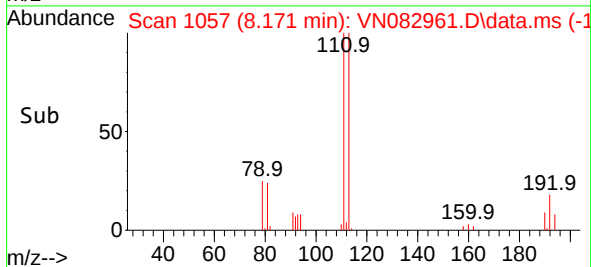
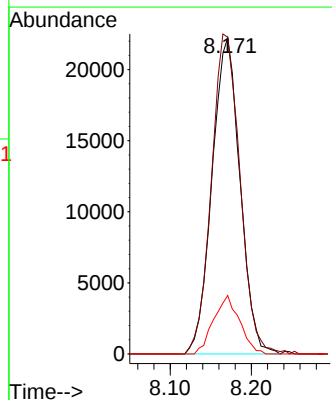
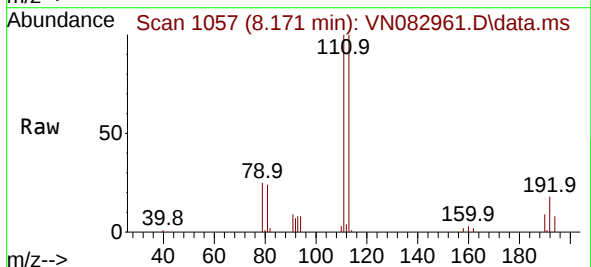
Instrument :
MSVOA_N
ClientSampleId :
PB162094TB

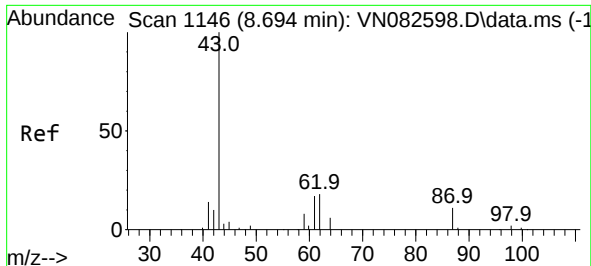
Tgt Ion:114 Resp: 172332
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.138 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Tgt Ion:113 Resp: 53232
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 17.2 14.9 22.3

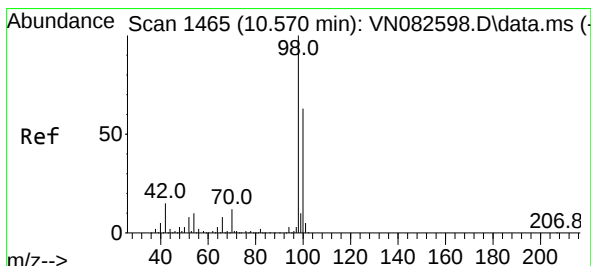
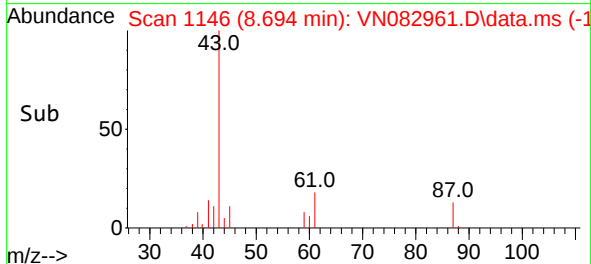
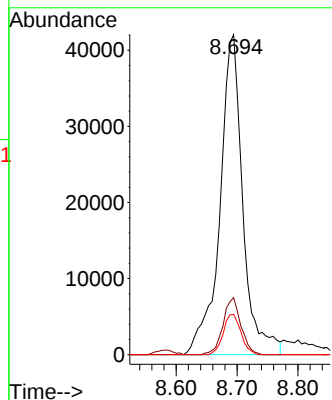
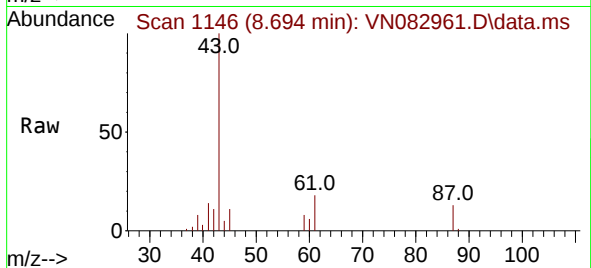




#43
Isopropyl Acetate
Concen: 36.955 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

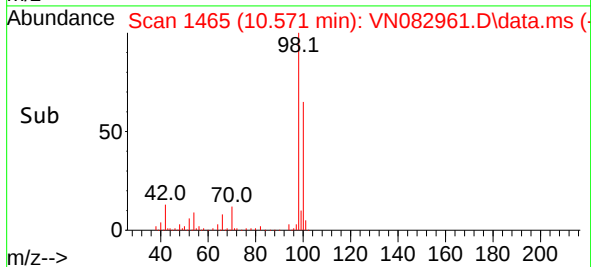
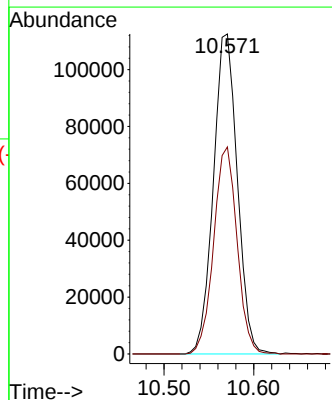
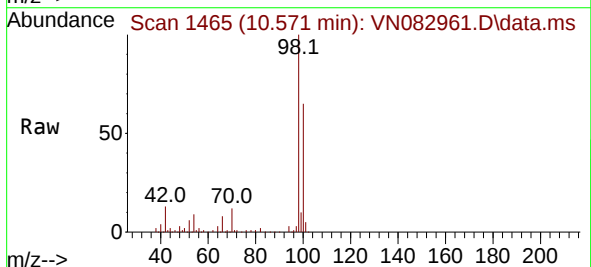
Instrument :
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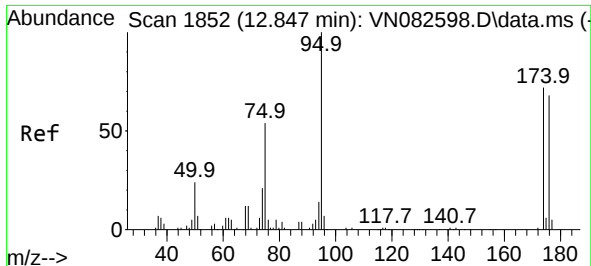
Tgt Ion: 43 Resp: 110426
Ion Ratio Lower Upper
43 100
61 13.9 17.8 26.6#
87 9.7 8.2 12.2



#50
Toluene-d8
Concen: 51.098 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082961.D
Acq: 17 Jul 2024 14:22

Tgt Ion: 98 Resp: 208697
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 53.276 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082961.D

Acq: 17 Jul 2024 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB162094TB

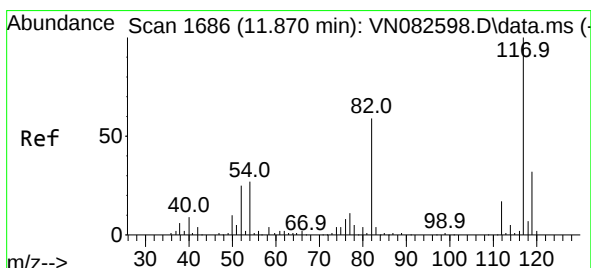
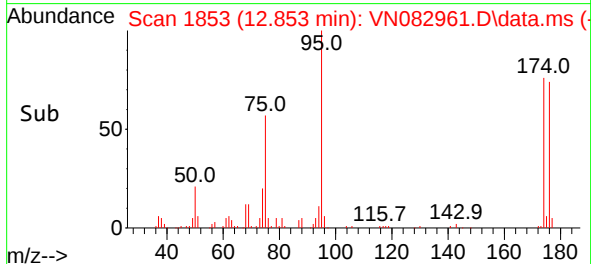
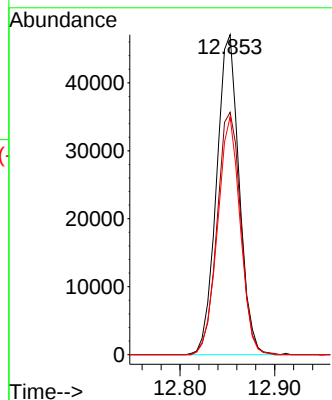
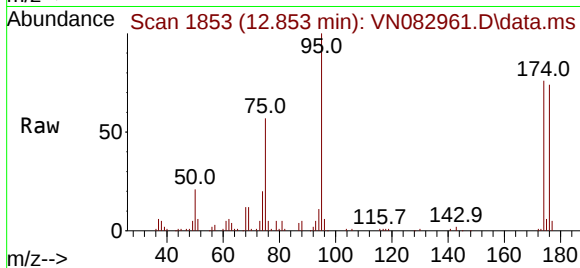
Tgt Ion: 95 Resp: 78162

Ion Ratio Lower Upper

95 100

174 79.2 0.0 159.2

176 74.1 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: VN082961.D

Acq: 17 Jul 2024 14:22

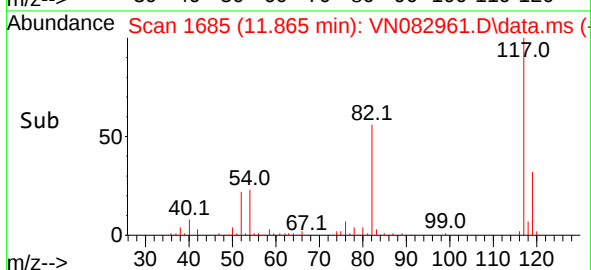
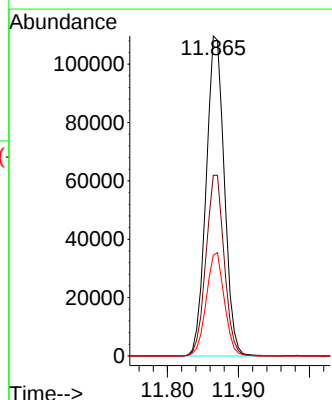
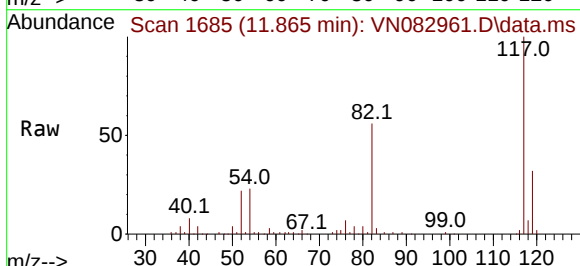
Tgt Ion: 117 Resp: 195310

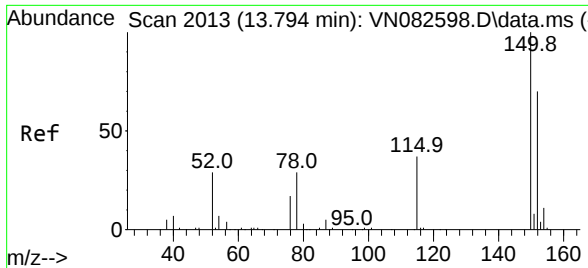
Ion Ratio Lower Upper

117 100

82 56.5 47.5 71.3

119 31.5 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: VN082961.D
 Acq: 17 Jul 2024 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162094TB

Tgt Ion:152 Resp: 83401
 Ion Ratio Lower Upper
 152 100
 115 61.4 30.6 91.6
 150 157.4 0.0 348.6

