

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082876.D
 Acq On : 11 Jul 2024 15:07
 Operator : JC\MD
 Sample : P3220-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240710064-06-TRIP-BLANK

Quant Time: Jul 12 01:07:31 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	8.224	168	117640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	220394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	85396	51.784	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.560%
35) Dibromofluoromethane	8.171	113	69049	48.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	10.570	98	253142	48.463	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.847	95	88746	47.299	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.600%

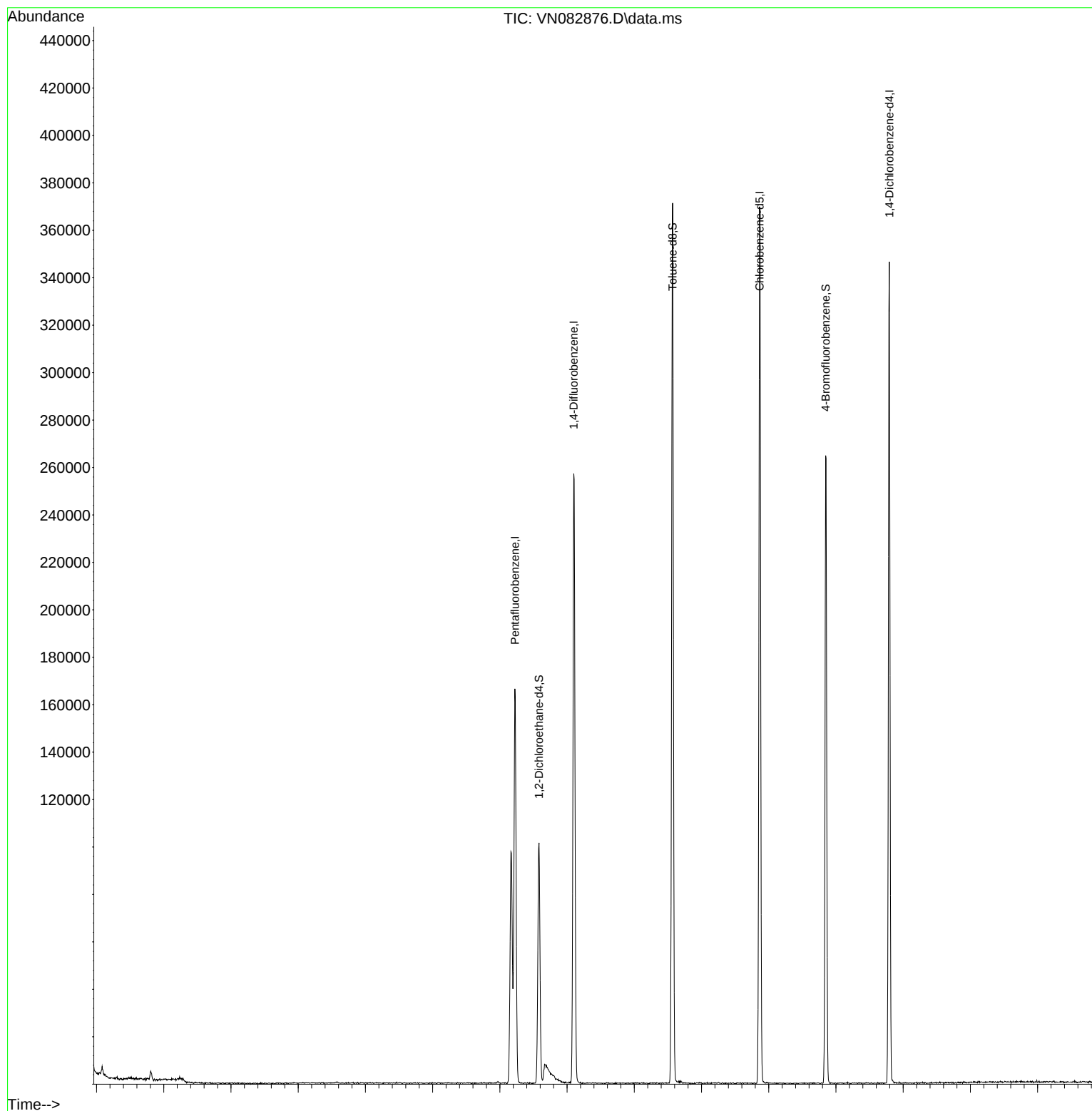
Target Compounds Qvalue

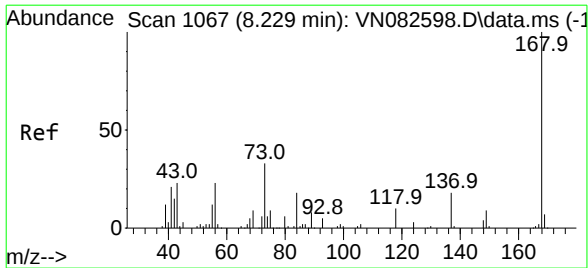
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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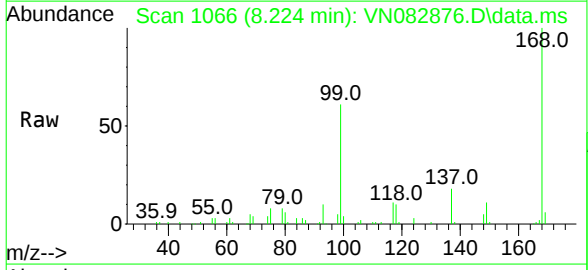
Quant Time: Jul 12 01:07:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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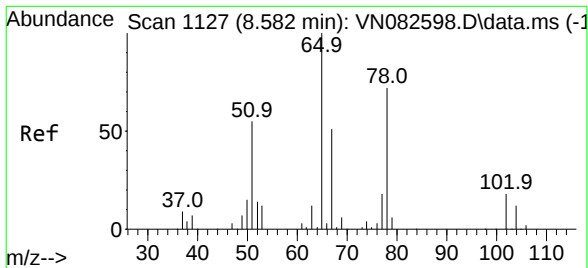
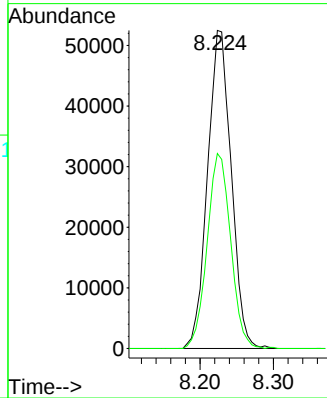
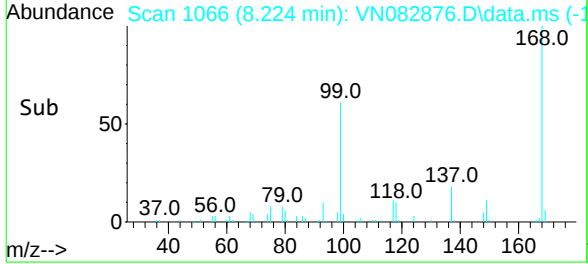


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082876.D
Acq: 11 Jul 2024 15:07

Instrument : MSVOA_N
ClientSampleId : 240710064-06-TRIP-BLANK

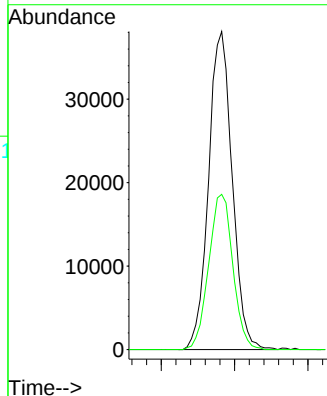
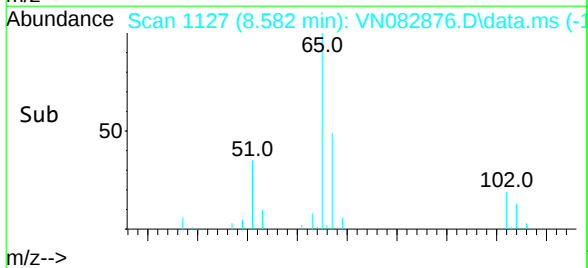
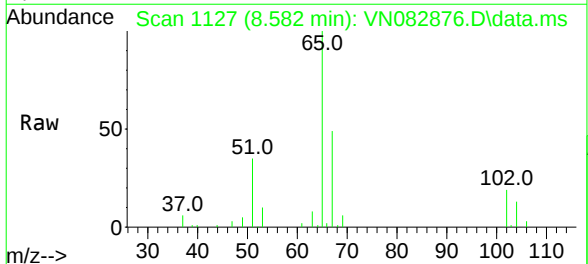


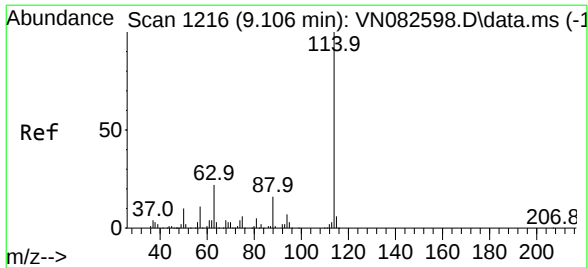
Tgt Ion:168 Resp: 117640
Ion Ratio Lower Upper
168 100
99 61.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.784 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082876.D
Acq: 11 Jul 2024 15:07

Tgt Ion: 65 Resp: 85396
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4

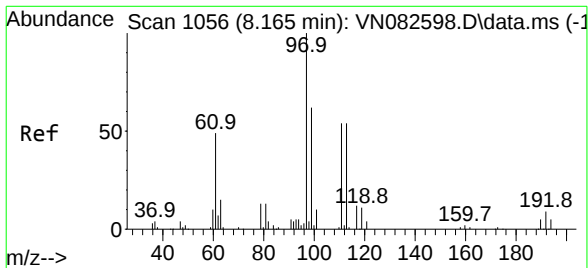
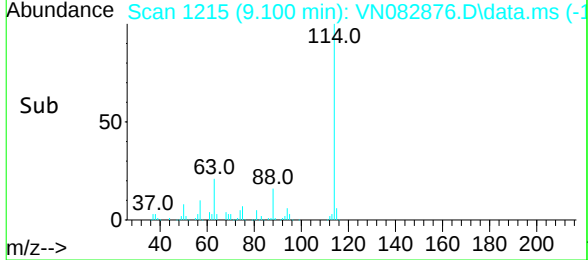
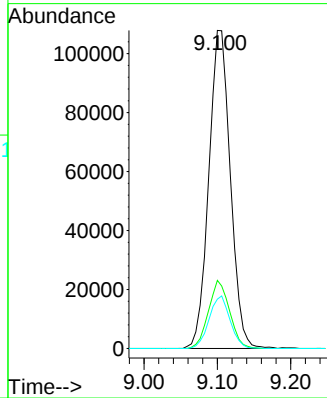
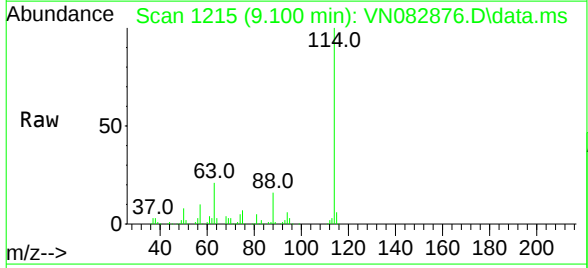




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN082876.D
Acq: 11 Jul 2024 15:07

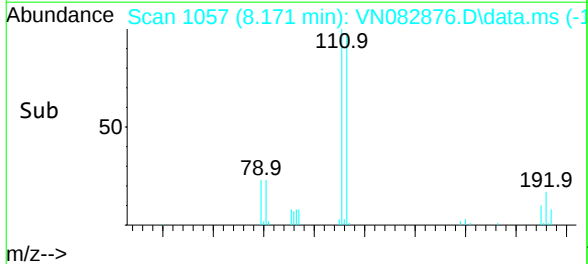
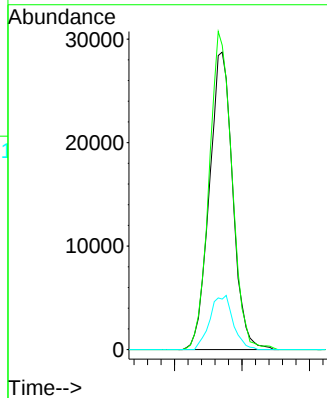
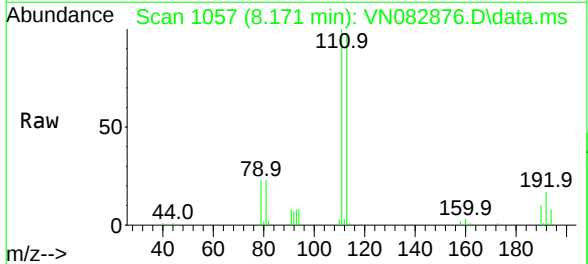
Instrument : MSVOA_N
ClientSampleId : 240710064-06-TRIP-BLANK

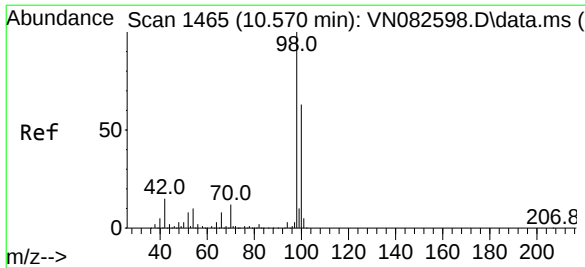
Tgt Ion:	114	Resp:	220394
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.6
88	15.5	0.0	31.4



#35
Dibromofluoromethane
Concen: 48.825 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082876.D
Acq: 11 Jul 2024 15:07

Tgt Ion:	113	Resp:	69049
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.4	123.6
192	18.1	14.9	22.3





#50

Toluene-d8

Concen: 48.463 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082876.D

Acq: 11 Jul 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

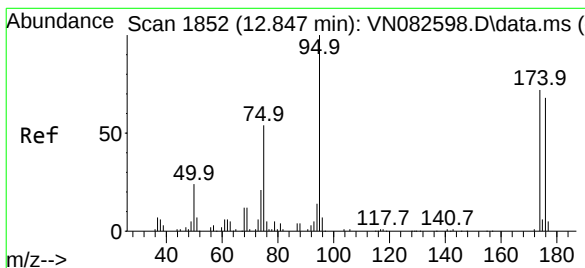
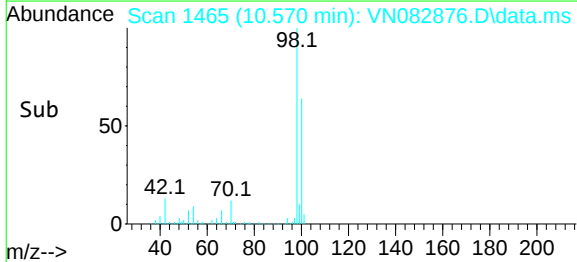
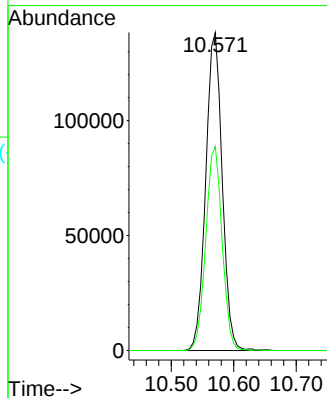
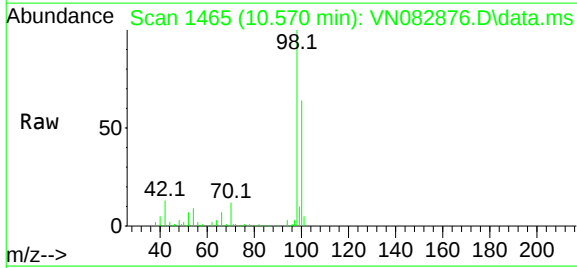
240710064-06-TRIP-BLANK

Tgt Ion: 98 Resp: 253142

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.299 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN082876.D

Acq: 11 Jul 2024 15:07

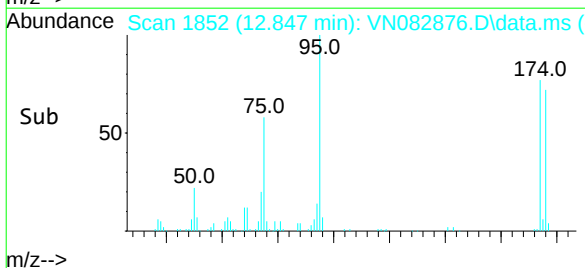
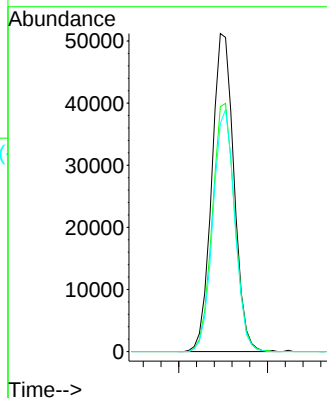
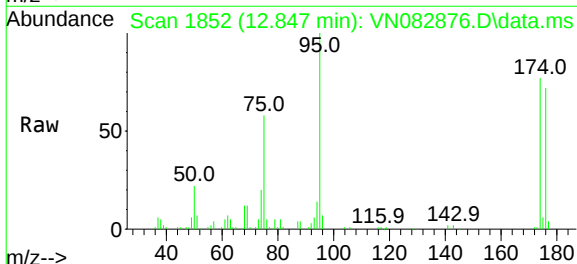
Tgt Ion: 95 Resp: 88746

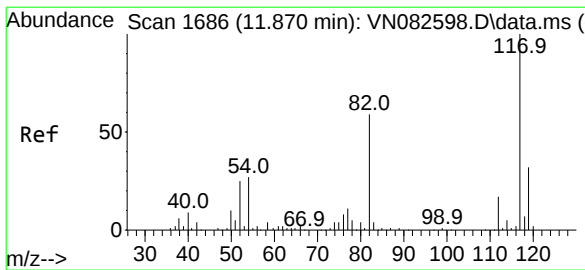
Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.2

176 74.8 0.0 147.6

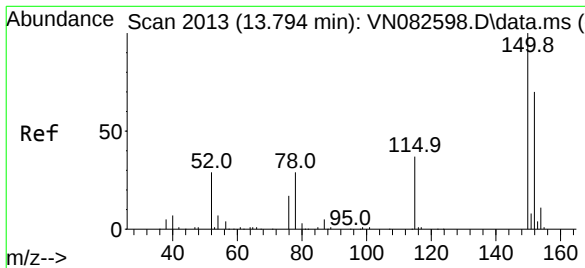
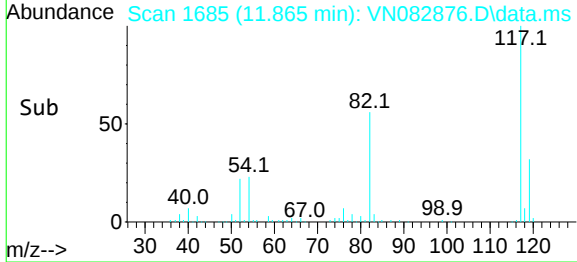
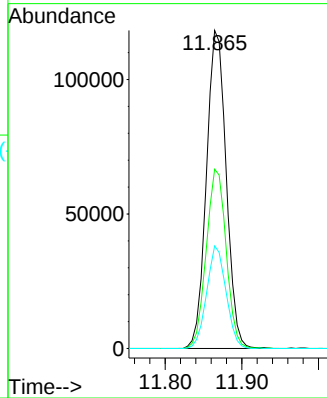
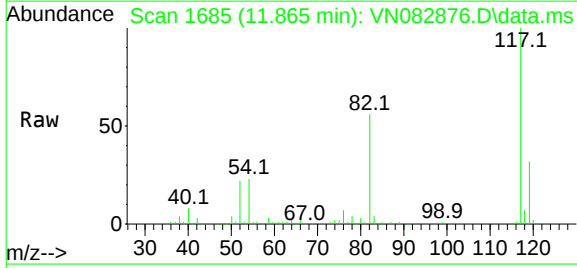




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1686
Delta R.T. -0.005 min
Lab File: VN082876.D
Acq: 11 Jul 2024 15:07

Instrument :
MSVOA_N
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240710064-06-TRIP-BLANK

Tgt Ion:	117	Resp:	211585
Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.5	71.3
119	32.3	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082876.D
Acq: 11 Jul 2024 15:07

Tgt Ion:	152	Resp:	91429
Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.6	91.6
150	157.5	0.0	348.6

