

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082875.D
 Acq On : 11 Jul 2024 14:43
 Operator : JC\MD
 Sample : P3219-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240710064-05-TRIP-BLANK

Quant Time: Jul 12 01:07:12 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	121150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	227723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	87719	51.652	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	103.300%	
35) Dibromofluoromethane	8.165	113	72702	49.754	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.500%	
50) Toluene-d8	10.571	98	260827	48.328	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.660%	
62) 4-Bromofluorobenzene	12.847	95	87195	44.977	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	89.960%	

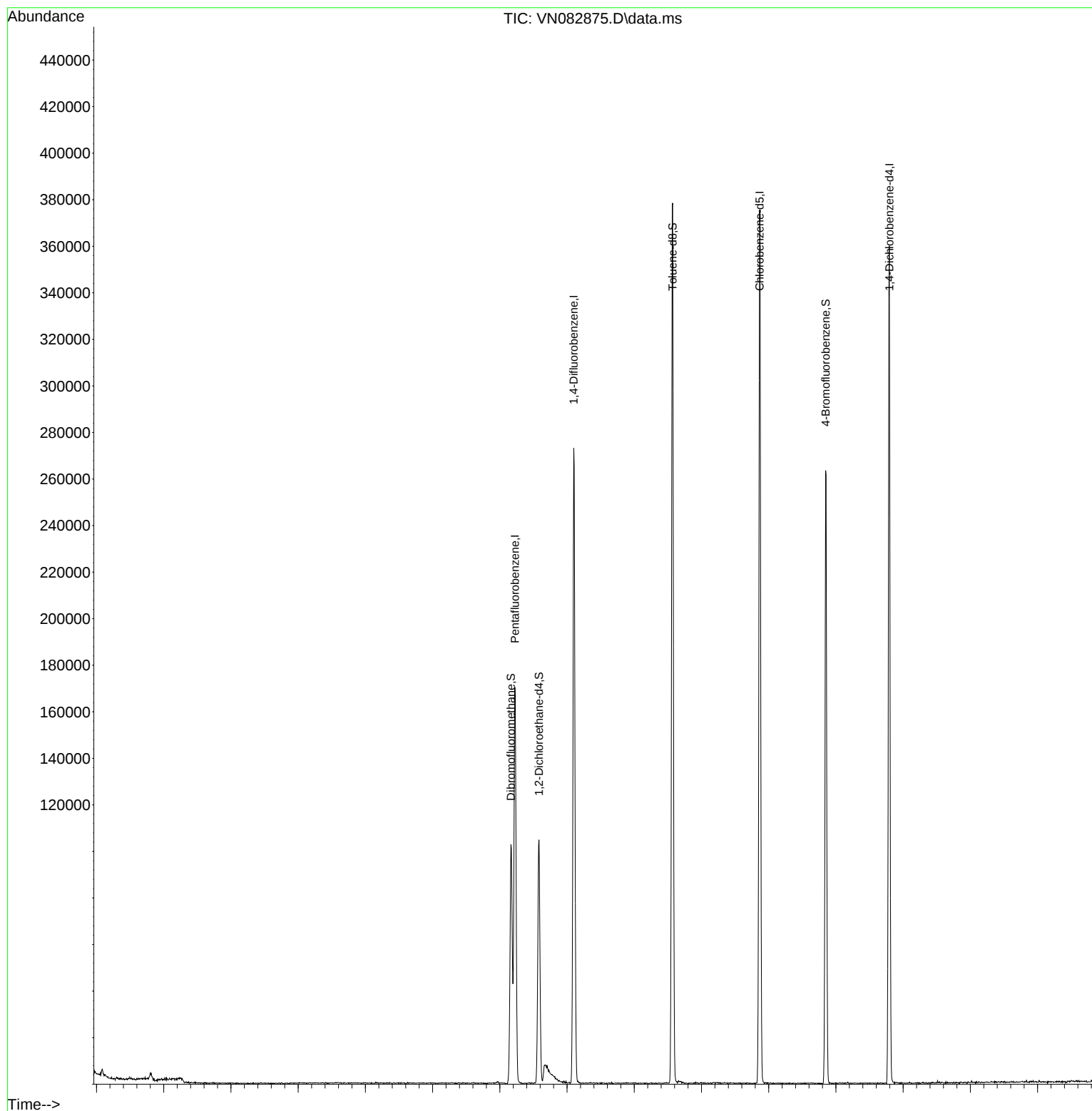
Target Compounds Qvalue

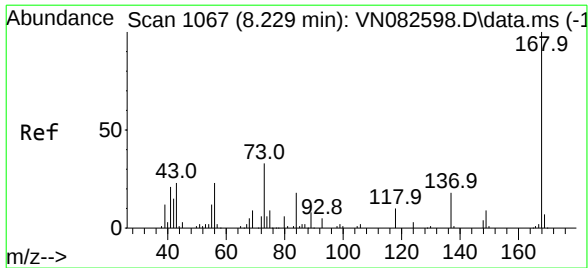
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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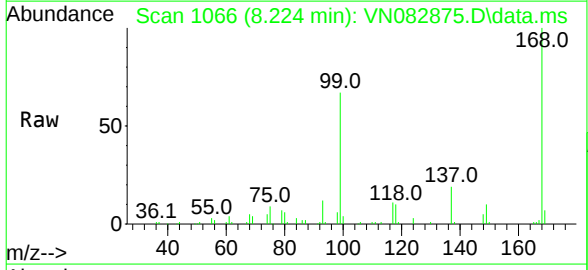
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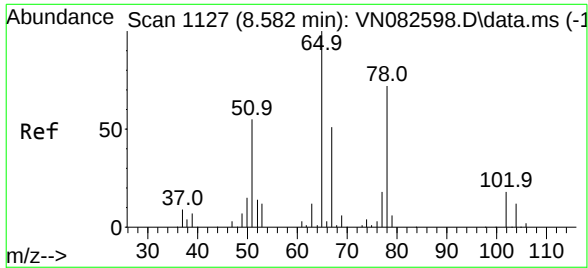
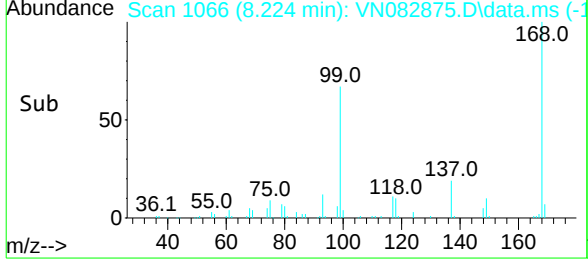
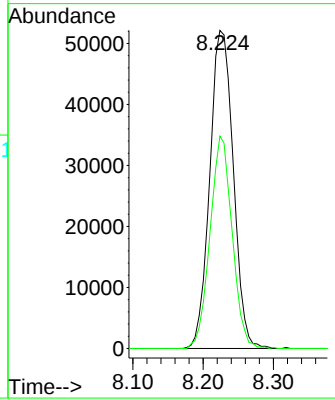


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.005 min
 Lab File: VN082875.D
 Acq: 11 Jul 2024 14:43

Instrument : MSVOA_N
 ClientSampleId : 240710064-05-TRIP-BLANK

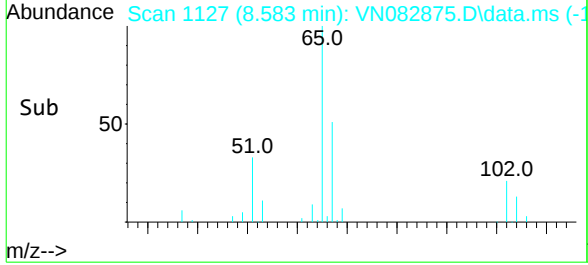
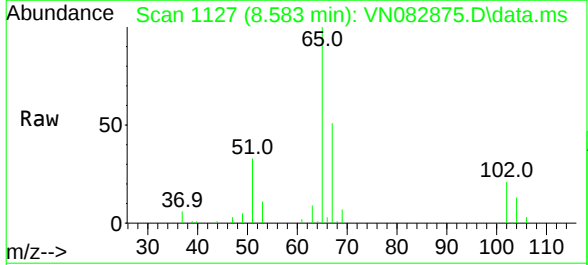
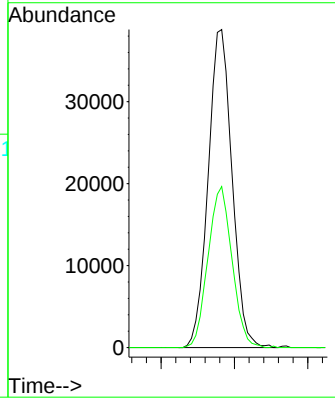


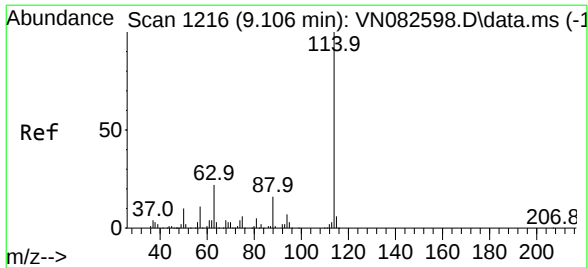
Tgt Ion:168 Resp: 121150
 Ion Ratio Lower Upper
 168 100
 99 66.8 48.2 72.4



#33
 1,2-Dichloroethane-d4
 Concen: 51.652 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082875.D
 Acq: 11 Jul 2024 14:43

Tgt Ion: 65 Resp: 87719
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.4

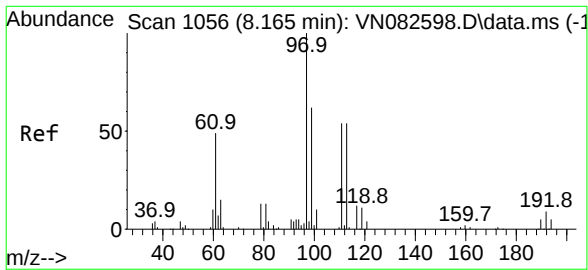
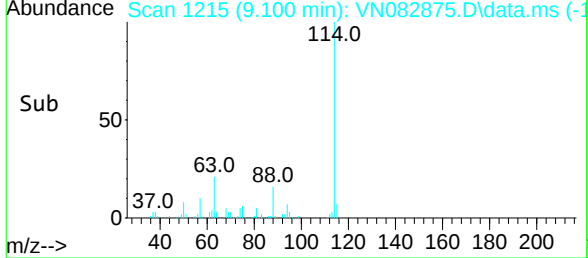
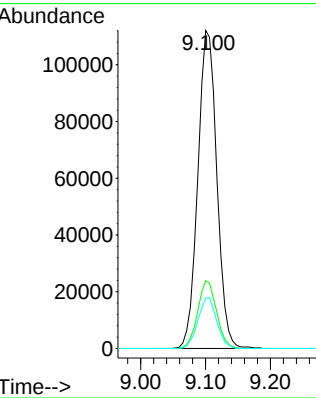
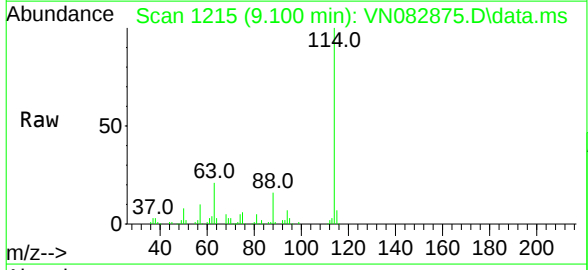




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

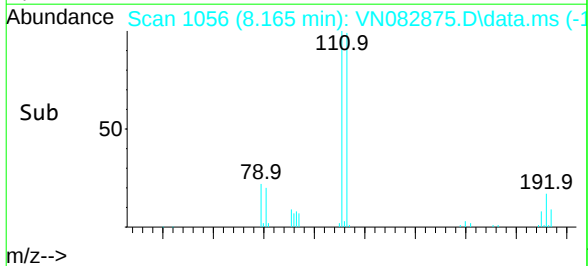
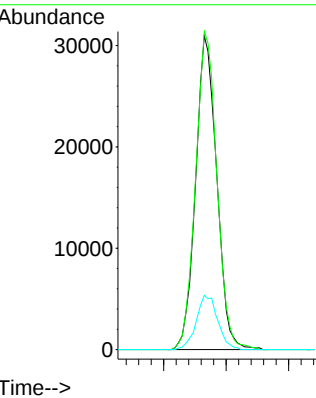
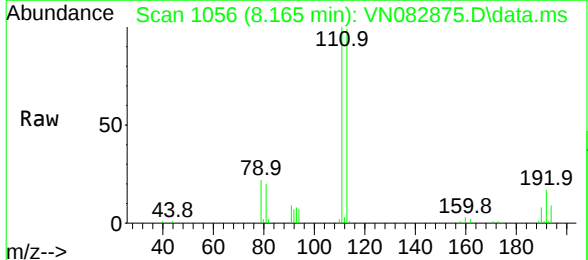
Instrument : MSVOA_N
ClientSampleId : 240710064-05-TRIP-BLANK

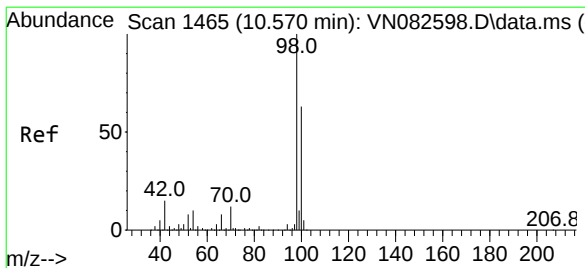
Tgt Ion:	114	Resp:	227723
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.6
88	15.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 49.754 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082875.D
Acq: 11 Jul 2024 14:43

Tgt Ion:	113	Resp:	72702
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	17.5	14.9	22.3





#50

Toluene-d8

Concen: 48.328 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082875.D

Acq: 11 Jul 2024 14:43

Instrument :

MSVOA_N

ClientSampleId :

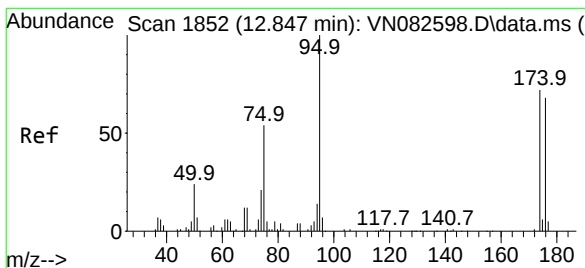
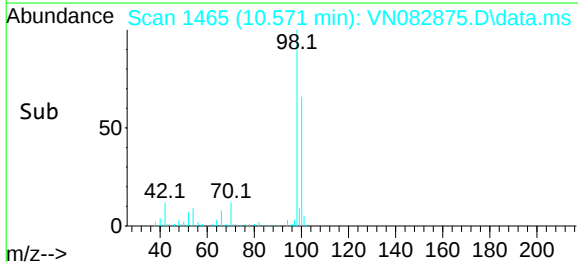
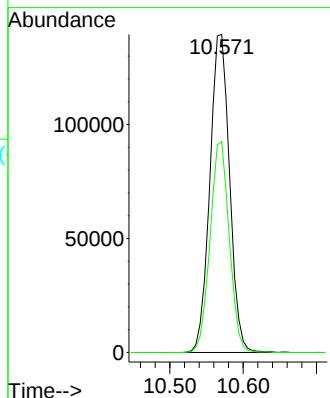
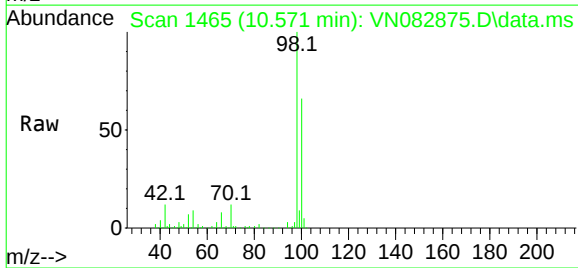
240710064-05-TRIP-BLANK

Tgt Ion: 98 Resp: 260827

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.977 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN082875.D

Acq: 11 Jul 2024 14:43

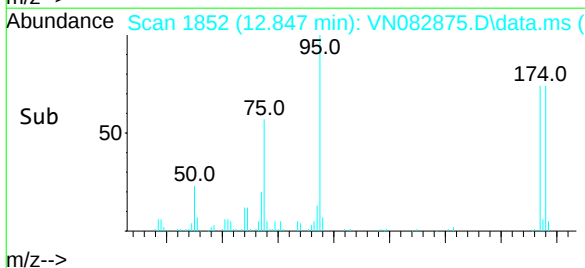
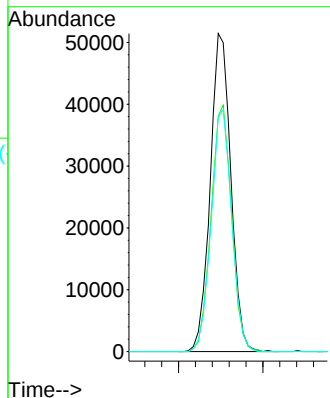
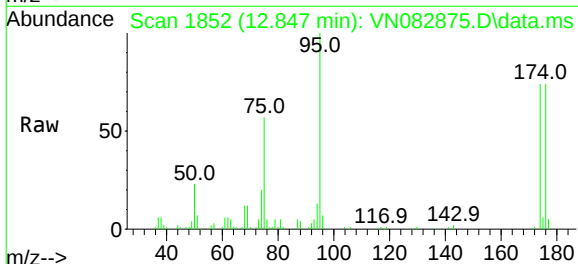
Tgt Ion: 95 Resp: 87195

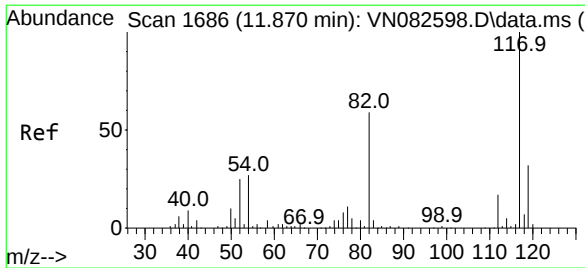
Ion Ratio Lower Upper

95 100

174 77.4 0.0 159.2

176 75.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.005 min

Lab File: VN082875.D

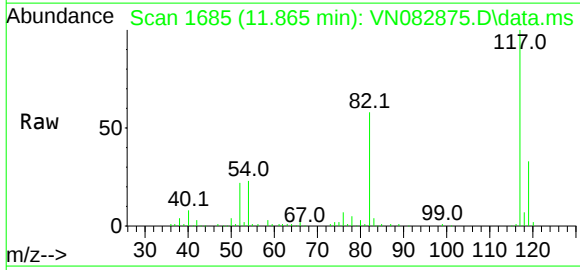
Acq: 11 Jul 2024 14:43

Instrument :

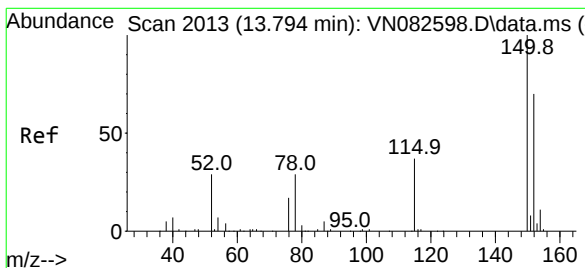
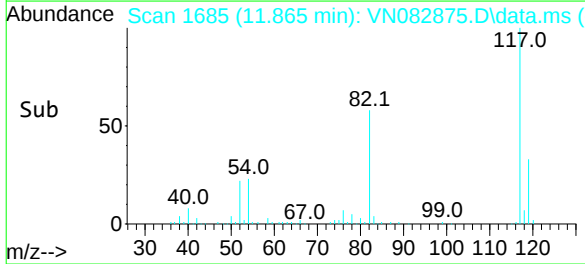
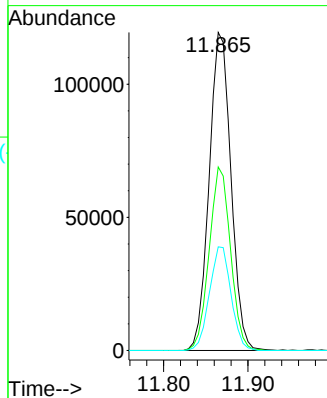
MSVOA_N

ClientSampleId :

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Tgt Ion:	117	Resp:	214651
Ion Ratio	Lower	Upper	
117	100		
82	57.7	47.5	71.3
119	32.6	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: VN082875.D

Acq: 11 Jul 2024 14:43

Tgt Ion:	152	Resp:	94539
Ion Ratio	Lower	Upper	
152	100		
115	60.3	30.6	91.6
150	156.7	0.0	348.6

