

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083388.D
 Acq On : 19 Aug 2024 21:31
 Operator : JC\MD
 Sample : P3663-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-05-081624

Quant Time: Aug 20 04:52:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	133278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104117	54.883	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.760%	
35) Dibromofluoromethane	8.165	113	82406	49.838	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.680%	
50) Toluene-d8	10.565	98	309846	50.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.480%	
62) 4-Bromofluorobenzene	12.847	95	126432	52.580	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.160%	

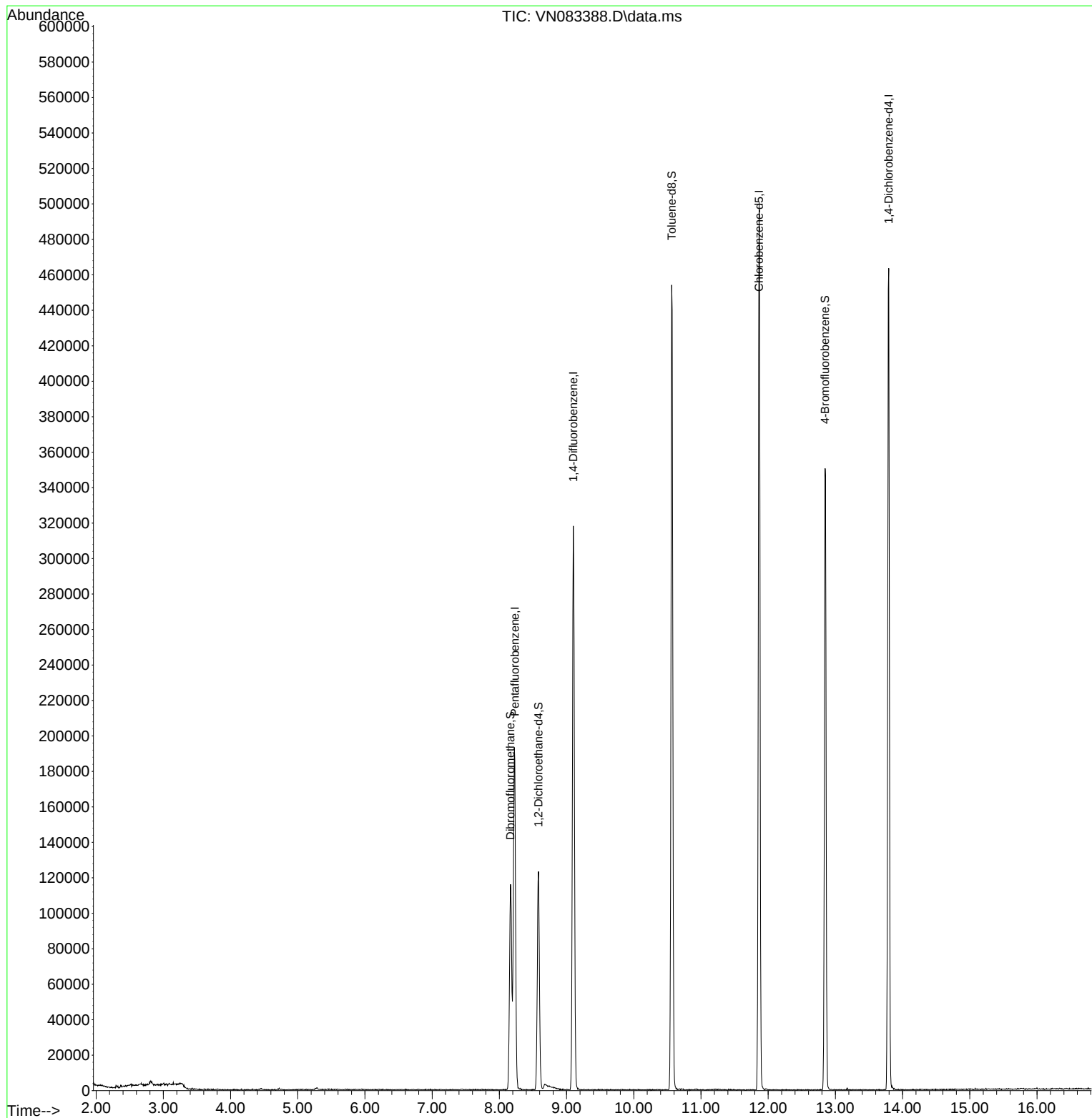
Target Compounds	Qvalue

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

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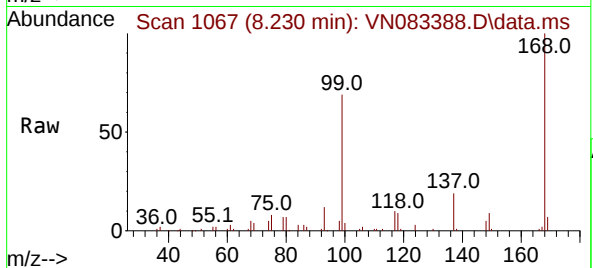
Quant Time: Aug 20 04:52:52 2024
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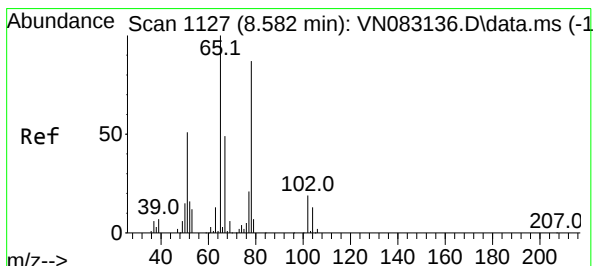
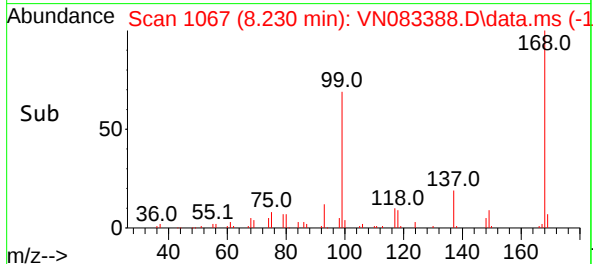
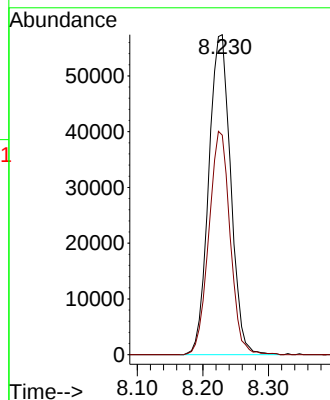


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083388.D
Acq: 19 Aug 2024 21:31

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ClientSampleId :
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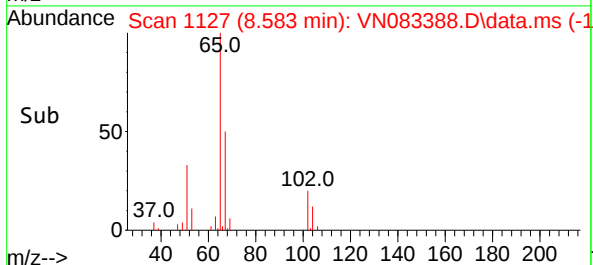
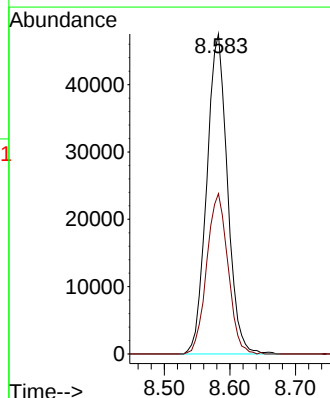
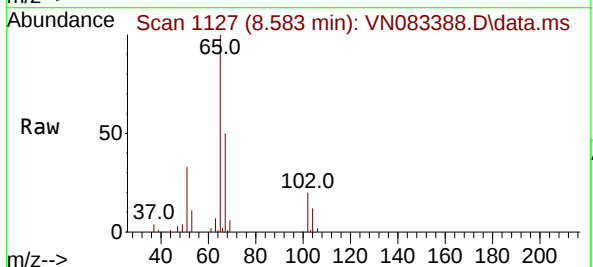


Tgt Ion:168 Resp: 133278
Ion Ratio Lower Upper
168 100
99 68.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.883 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083388.D
Acq: 19 Aug 2024 21:31

Tgt Ion: 65 Resp: 104117
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4

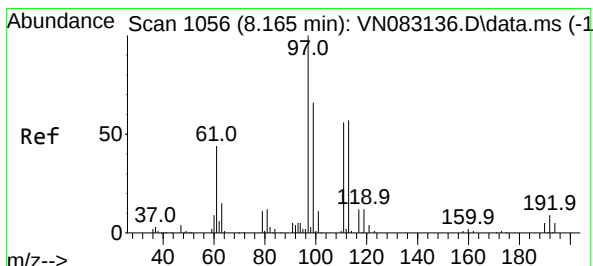
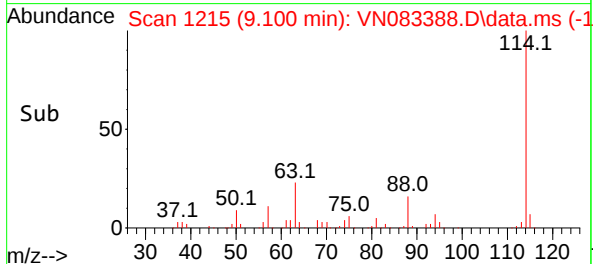
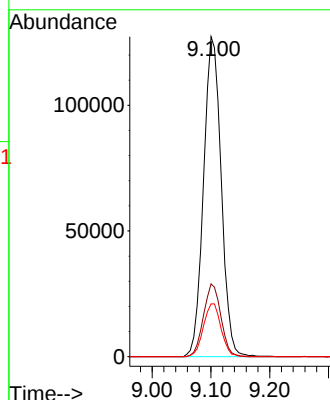
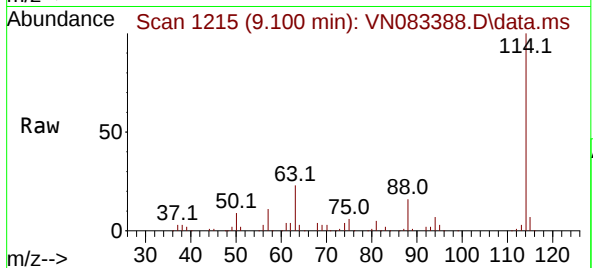




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083388.D
Acq: 19 Aug 2024 21:31

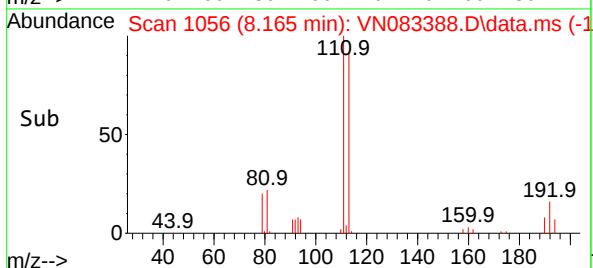
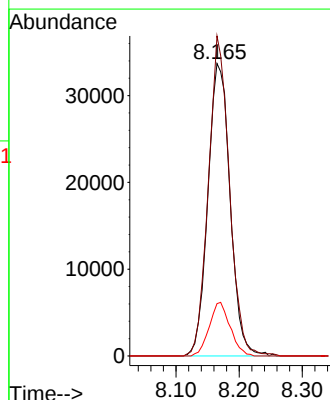
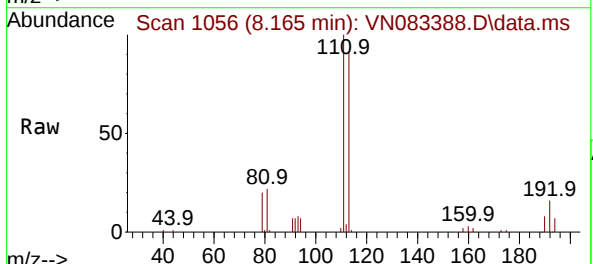
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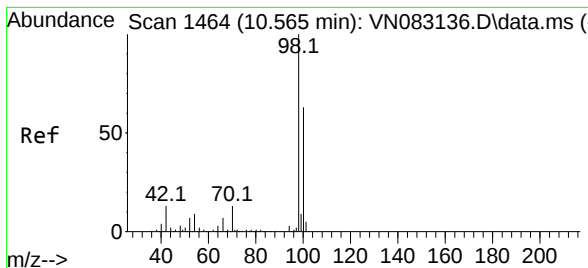
Tgt Ion:114 Resp: 264903
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.838 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083388.D
Acq: 19 Aug 2024 21:31

Tgt Ion:113 Resp: 82406
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 17.3 14.9 22.3

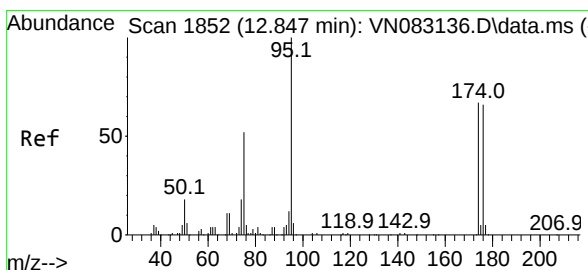
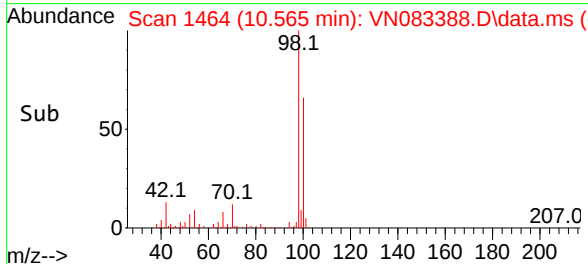
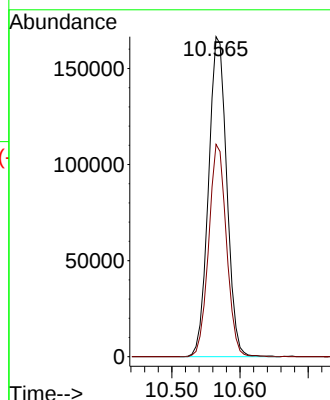
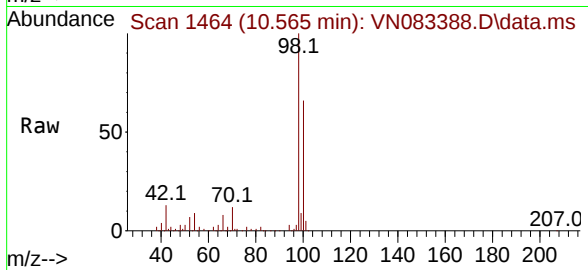




#50
Toluene-d8
Concen: 50.236 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083388.D
Acq: 19 Aug 2024 21:31

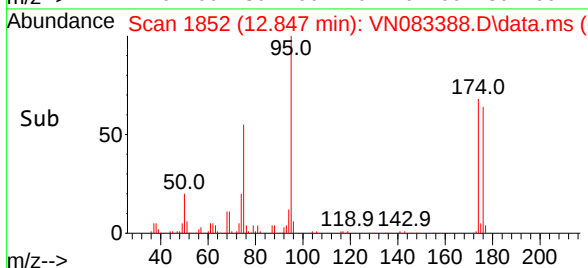
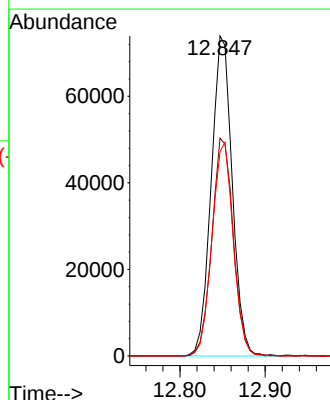
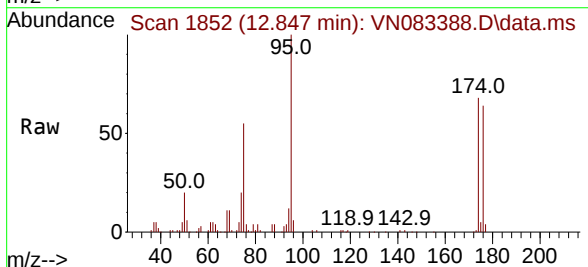
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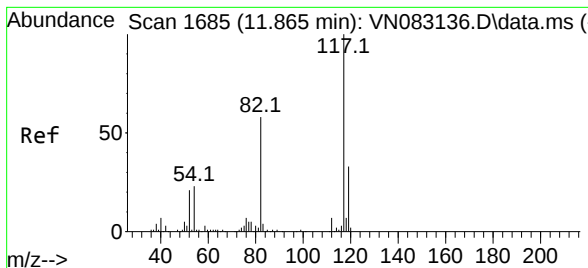
Tgt Ion: 98 Resp: 309846
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 52.580 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083388.D
Acq: 19 Aug 2024 21:31

Tgt Ion: 95 Resp: 126432
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 67.4 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083388.D

Acq: 19 Aug 2024 21:31

Instrument :

MSVOA_N

ClientSampleId :

TB-05-081624

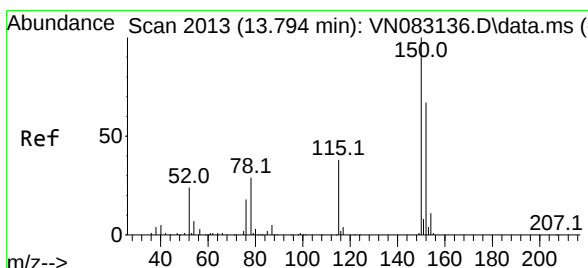
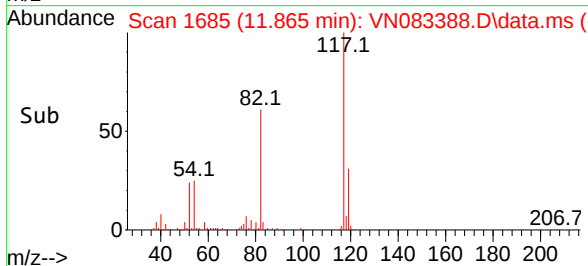
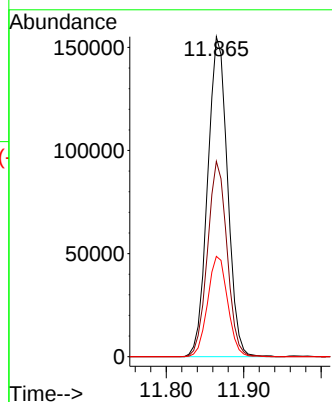
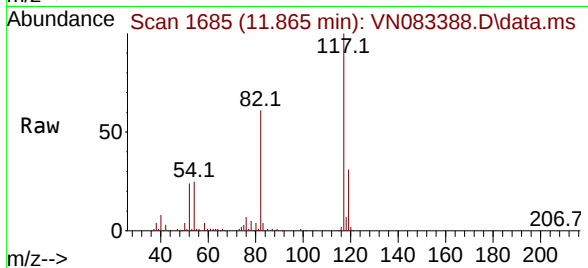
Tgt Ion:117 Resp: 276121

Ion Ratio Lower Upper

117 100

82 61.1 47.5 71.3

119 31.4 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: VN083388.D

Acq: 19 Aug 2024 21:31

Tgt Ion:152 Resp: 120923

Ion Ratio Lower Upper

152 100

115 64.6 30.6 91.6

150 157.9 0.0 348.6

