

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083381.D
 Acq On : 19 Aug 2024 18:42
 Operator : JC\MD
 Sample : P3645-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 916-J-WS-081524

Quant Time: Aug 20 04:50:12 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	8.224	168	132595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115723	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	95901	50.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.620%
35) Dibromofluoromethane	8.171	113	79014	48.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.120%
50) Toluene-d8	10.570	98	289541	47.699	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.847	95	118225	49.958	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.920%

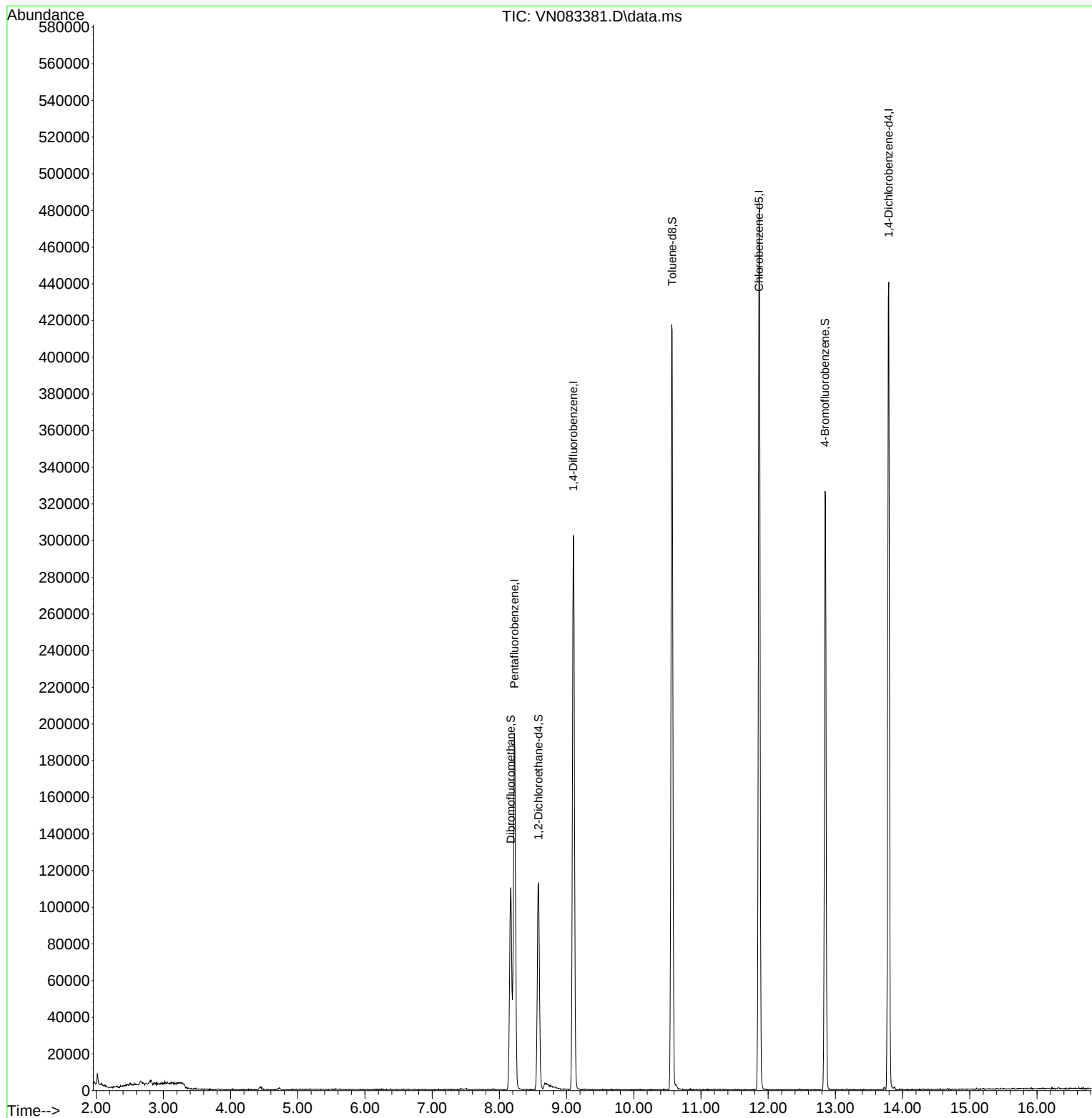
Target Compounds	Qvalue

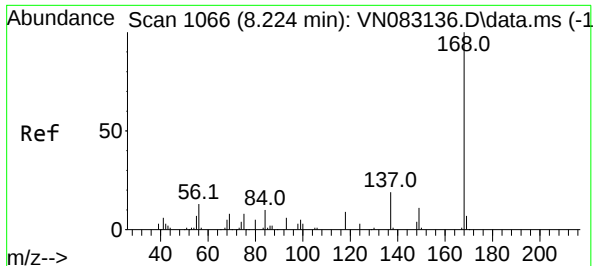
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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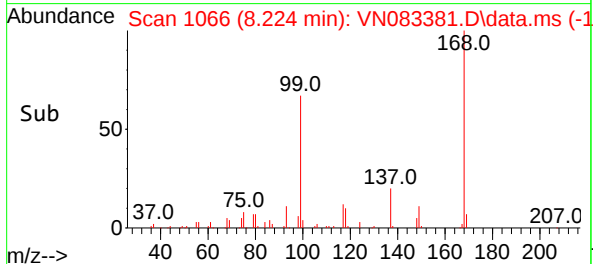
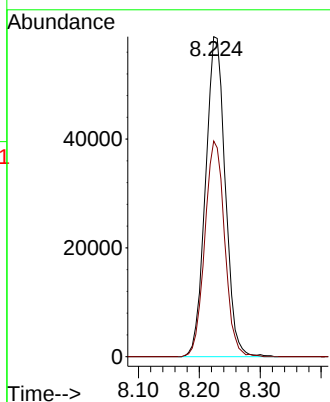
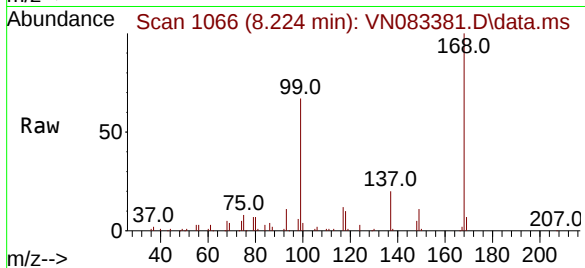




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

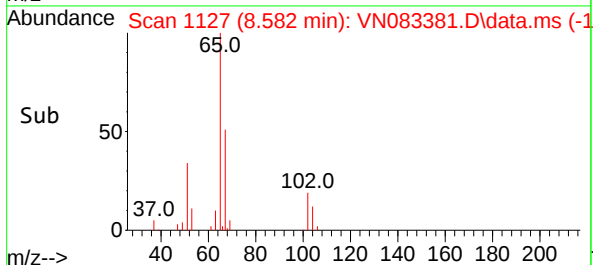
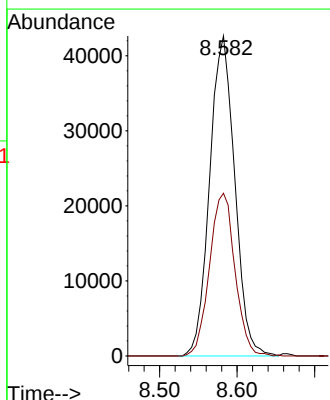
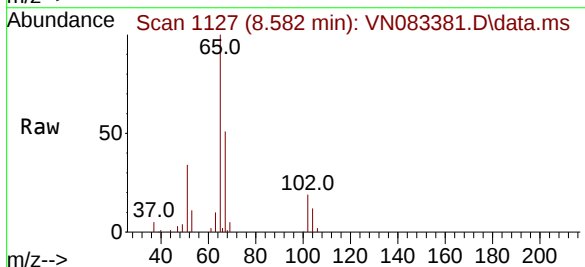
Instrument :
MSVOA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:168 Resp: 132595
Ion Ratio Lower Upper
168 100
99 67.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.813 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Tgt Ion: 65 Resp: 95901
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.4

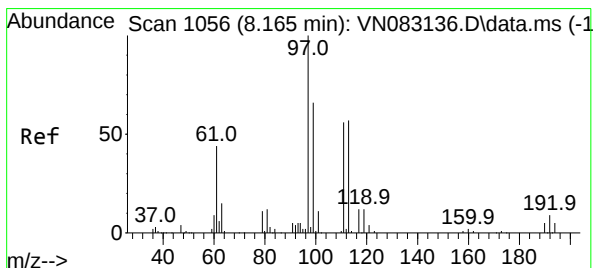
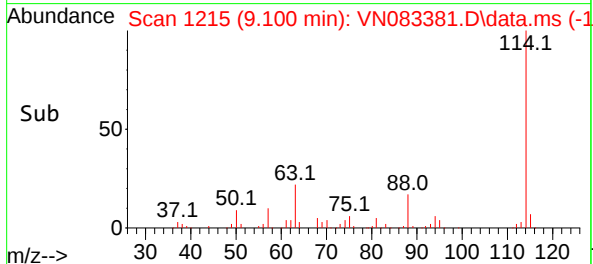
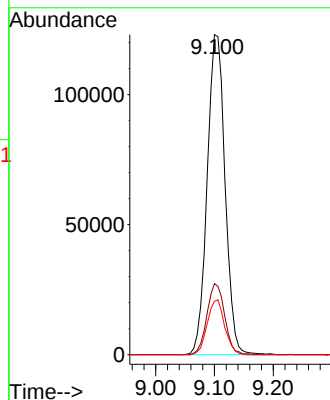
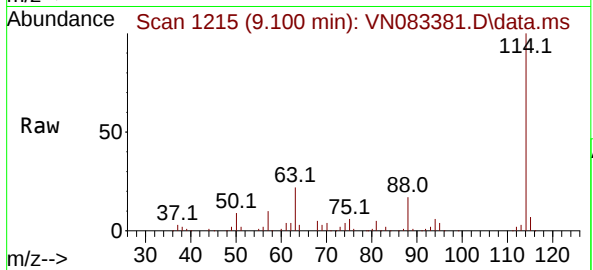




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

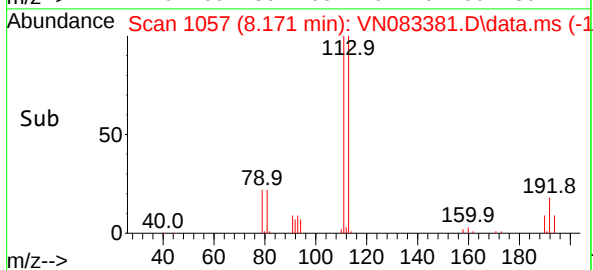
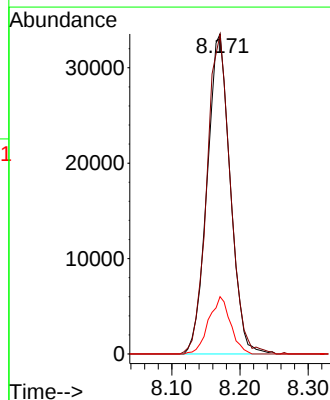
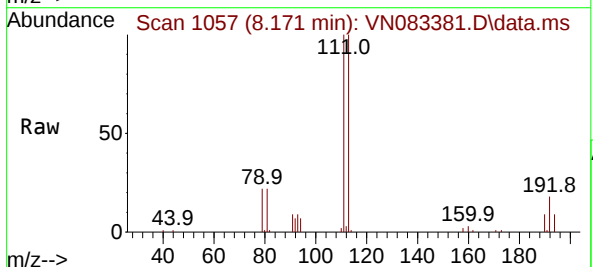
Instrument :
MSVOA_N
ClientSampleId :
916-J-WS-081524

Tgt Ion:114 Resp: 260707
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.6
88 16.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.556 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Tgt Ion:113 Resp: 79014
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 16.9 14.9 22.3

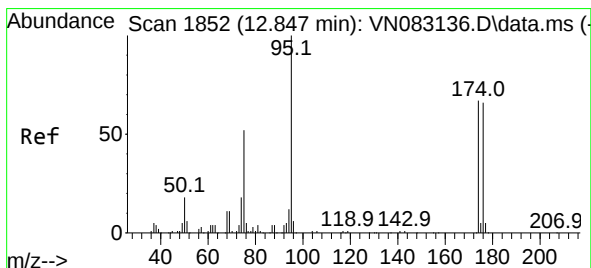
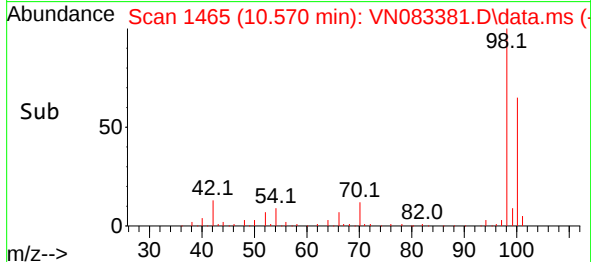
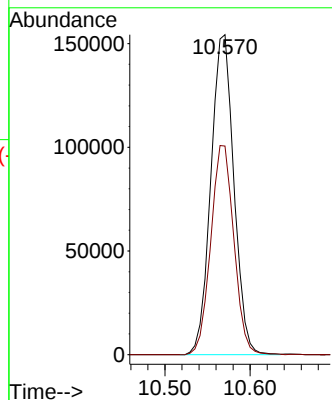
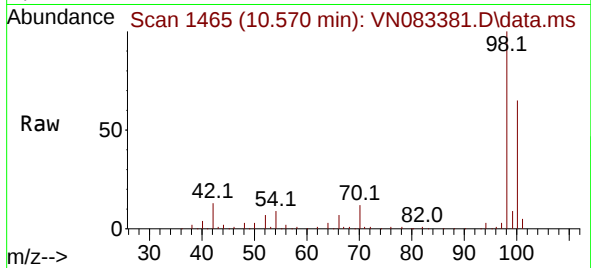




#50
Toluene-d8
Concen: 47.699 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

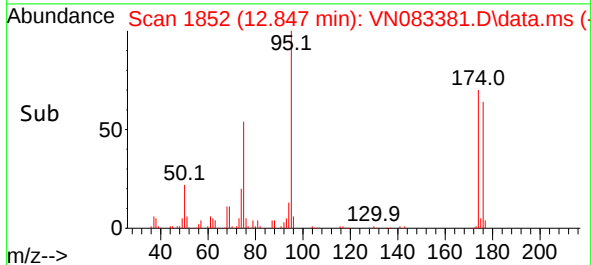
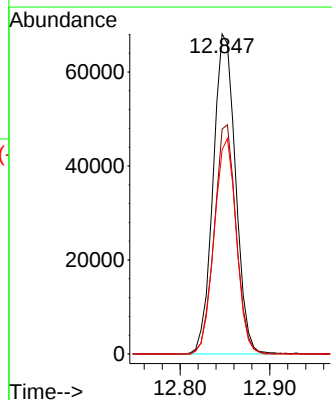
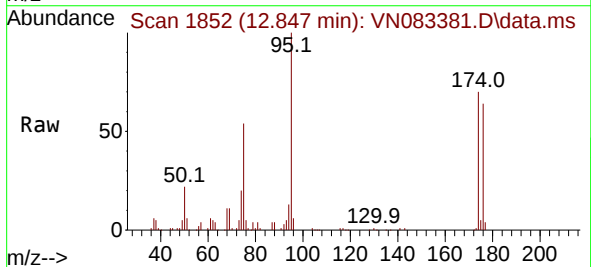
Instrument :
MSVOA_N
ClientSampleId :
916-J-WS-081524

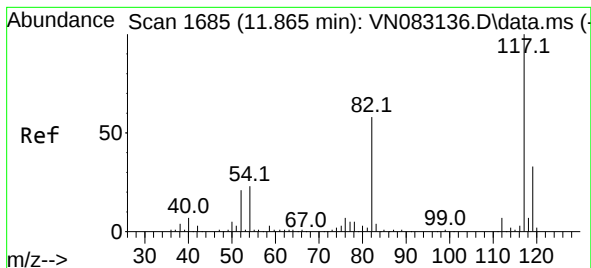
Tgt Ion: 98 Resp: 289541
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.958 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083381.D
Acq: 19 Aug 2024 18:42

Tgt Ion: 95 Resp: 118225
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 66.3 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: VN083381.D

Acq: 19 Aug 2024 18:42

Instrument :

MSVOA_N

ClientSampleId :

916-J-WS-081524

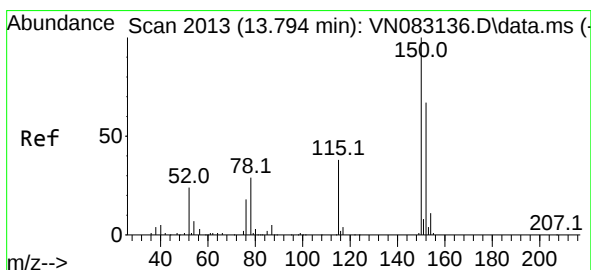
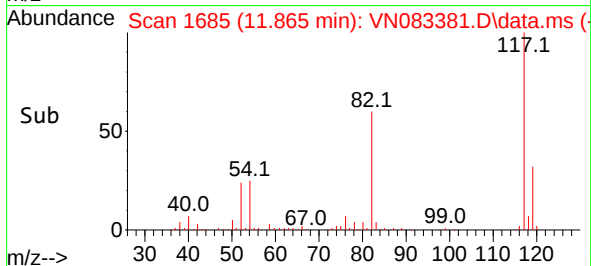
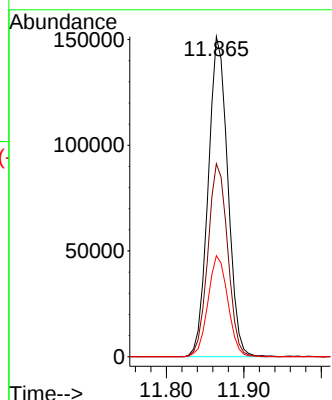
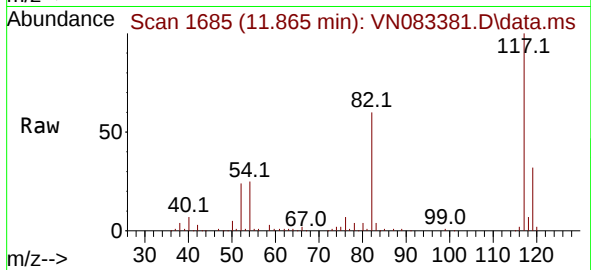
Tgt Ion:117 Resp: 265791

Ion Ratio Lower Upper

117 100

82 60.3 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# 2013

Delta R.T. -0.000 min

Lab File: VN083381.D

Acq: 19 Aug 2024 18:42

Tgt Ion:152 Resp: 115723

Ion Ratio Lower Upper

152 100

115 64.6 30.6 91.6

150 159.4 0.0 348.6

