

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083327.D
 Acq On : 15 Aug 2024 13:35
 Operator : JC\MD
 Sample : P3617-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Field Blank

Quant Time: Aug 16 01:50:35 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	8.223	168	126782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	262462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108658	60.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.420%
35) Dibromofluoromethane	8.171	113	85407	54.430	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.860%
50) Toluene-d8	10.570	98	320729	54.795	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.600%
62) 4-Bromofluorobenzene	12.847	95	130234	57.072	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.140%

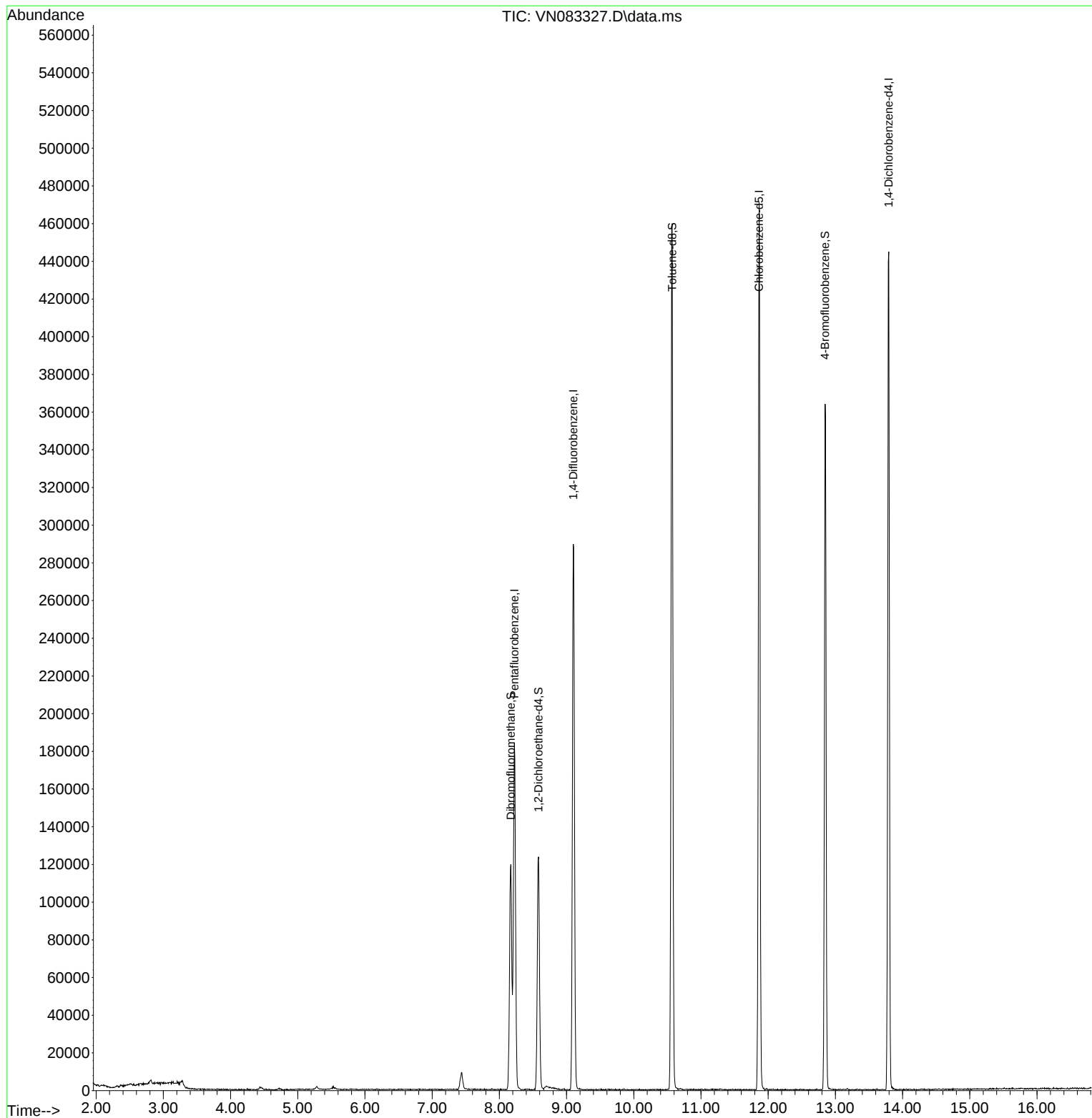
Target Compounds	Qvalue

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

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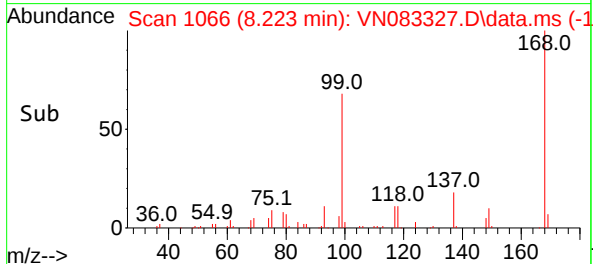
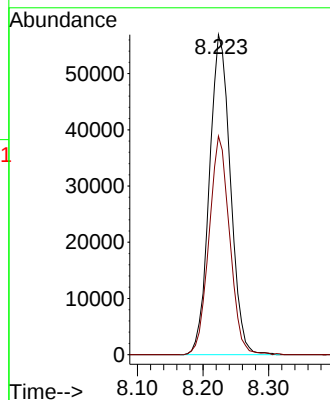
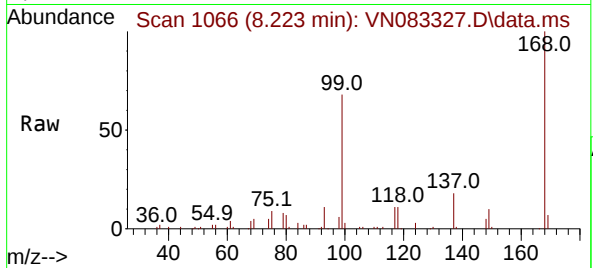




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

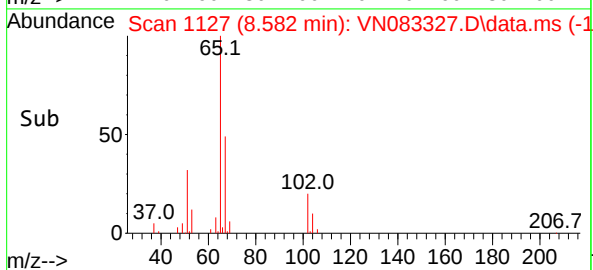
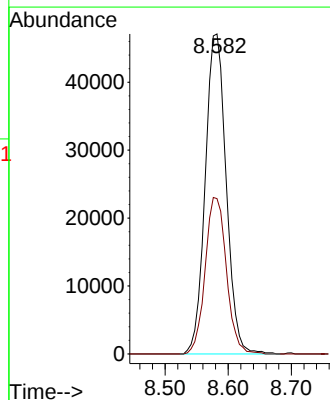
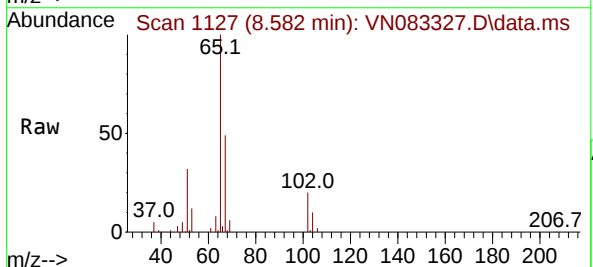
Instrument :
MSVOA_N
ClientSampleId :
Field Blank

Tgt Ion:168 Resp: 126782
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 60.212 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion: 65 Resp: 108658
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4

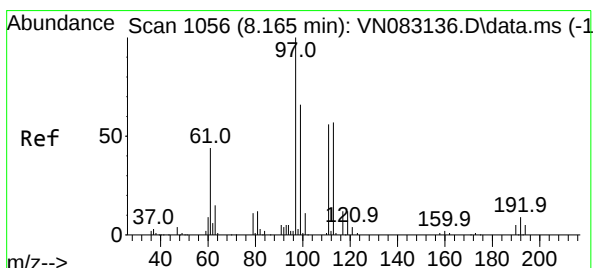
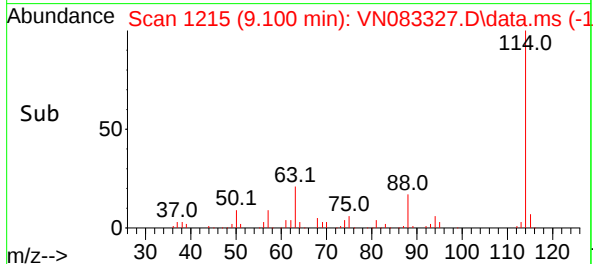
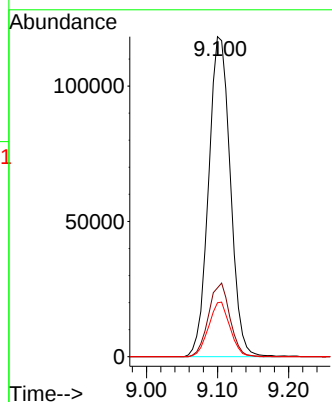
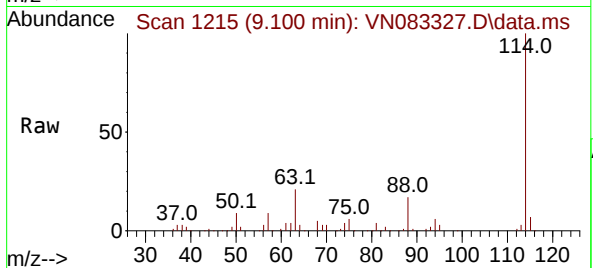




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

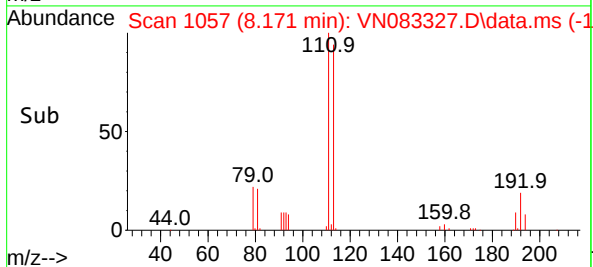
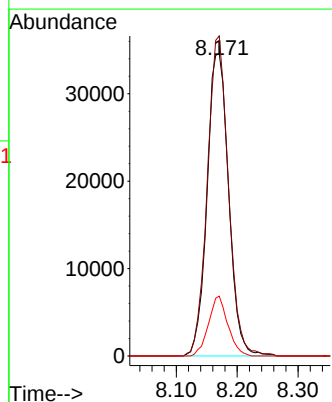
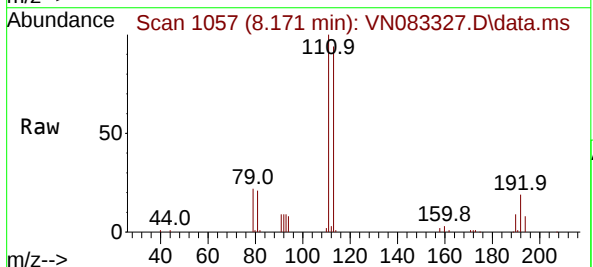
Instrument :
MSVOA_N
ClientSampleId :
Field Blank

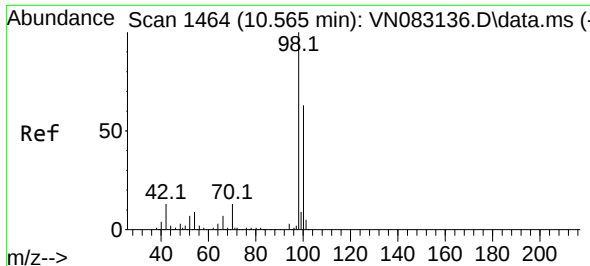
Tgt Ion:114 Resp: 251391
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.6
88 16.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.430 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion:113 Resp: 85407
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.7 14.9 22.3

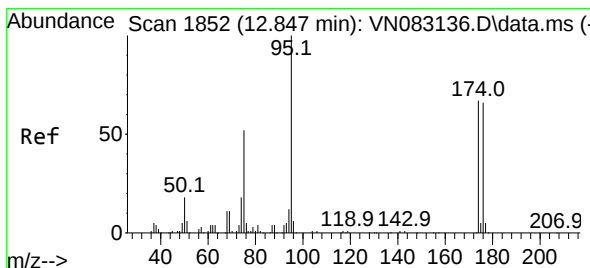
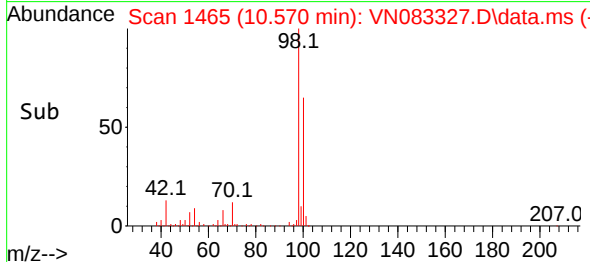
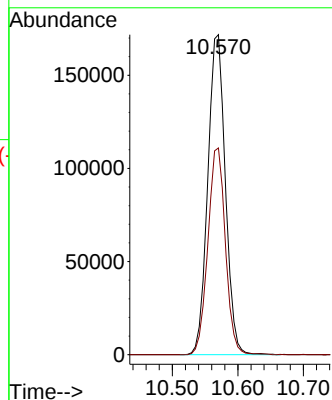
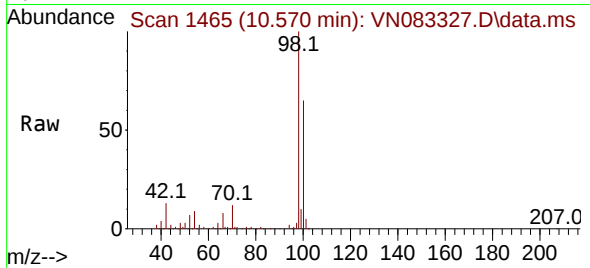




#50
Toluene-d8
Concen: 54.795 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

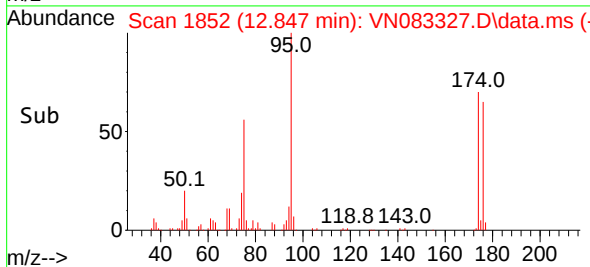
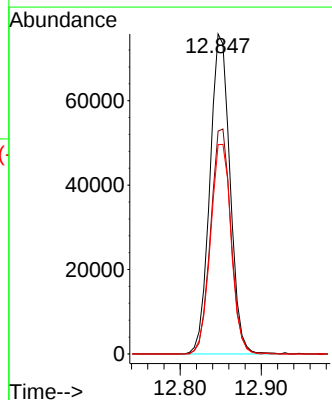
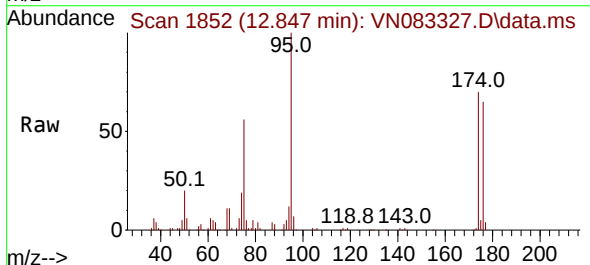
Instrument :
MSVOA_N
ClientSampleId :
Field Blank

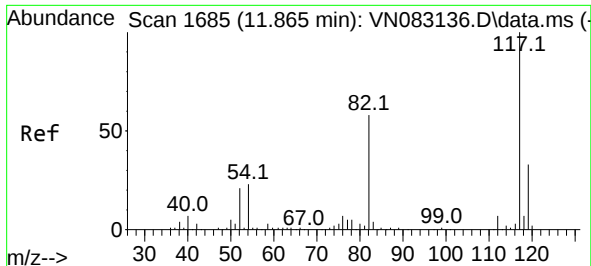
Tgt Ion: 98 Resp: 320729
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 57.072 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion: 95 Resp: 130234
Ion Ratio Lower Upper
95 100
174 71.2 0.0 159.2
176 67.4 0.0 147.6

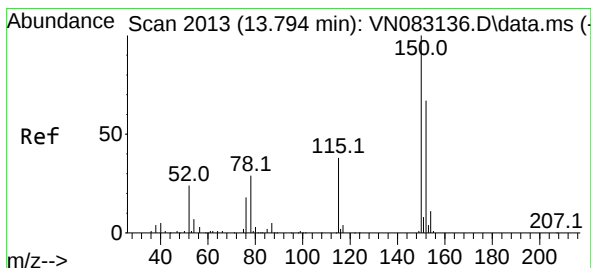
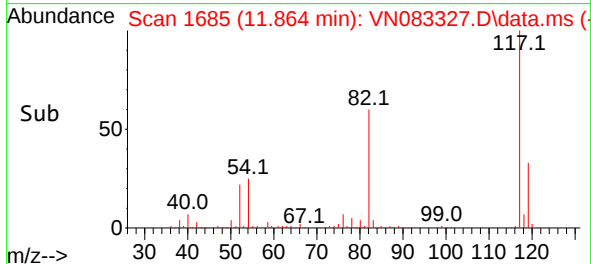
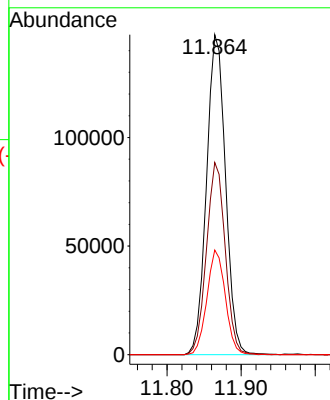
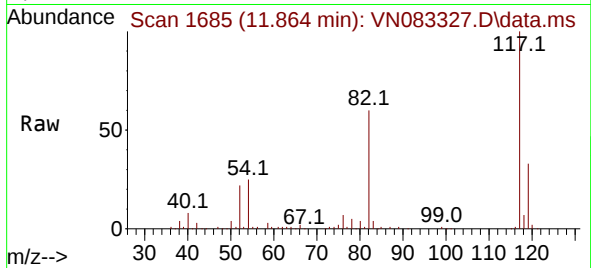




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083327.D
Acq: 15 Aug 2024 13:35

Instrument :
MSVOA_N
ClientSampleId :
Field Blank

Tgt Ion:117 Resp: 262462
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 32.7 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: VN083327.D
Acq: 15 Aug 2024 13:35

Tgt Ion:152 Resp: 117748
Ion Ratio Lower Upper
152 100
115 64.2 30.6 91.6
150 157.5 0.0 348.6

