

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082589.D
 Acq On : 14 Jun 2024 17:41
 Operator : JC\MD
 Sample : P2890-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-358-360

Quant Time: Jun 14 23:48:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

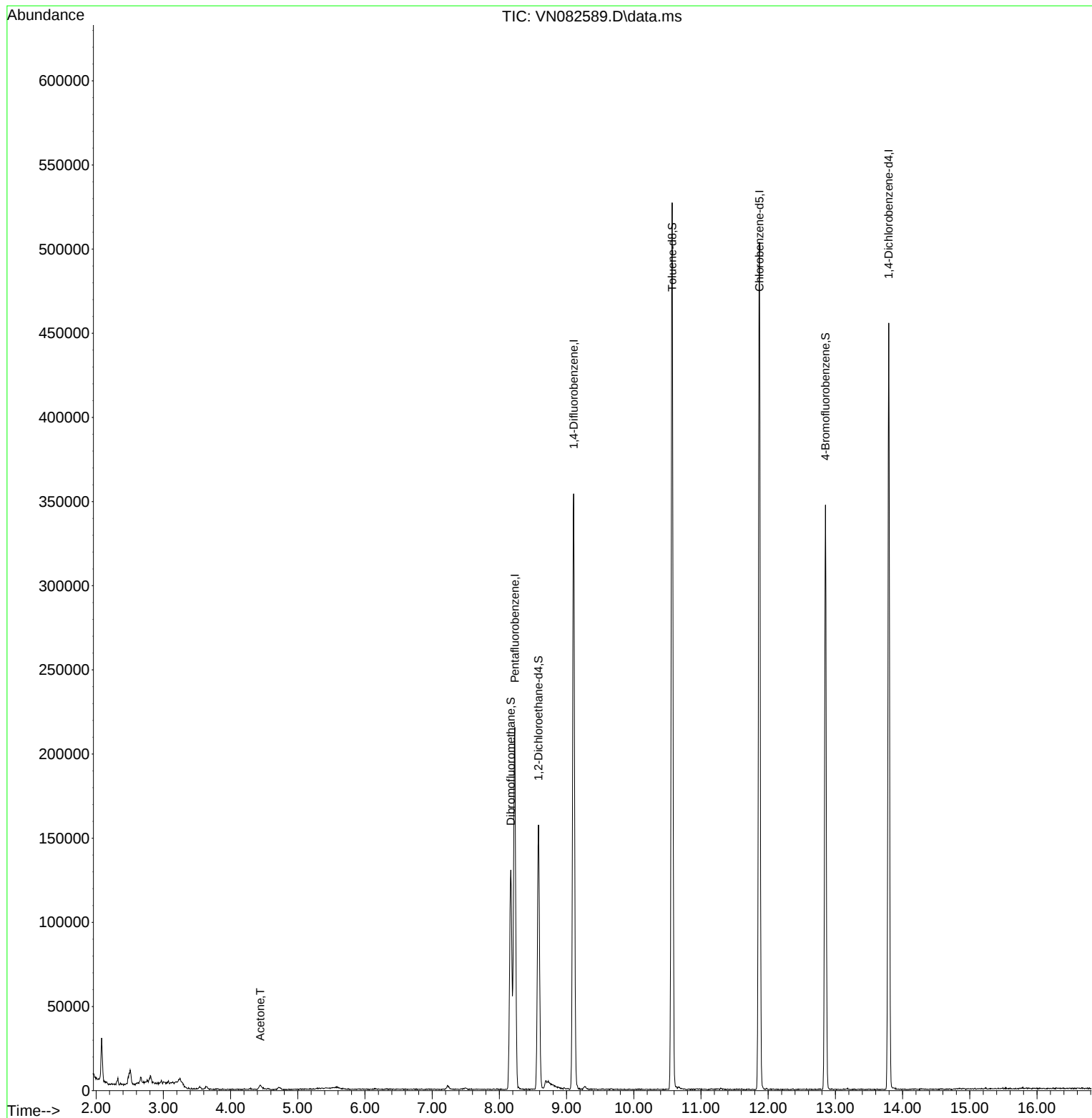
Internal Standards						
1) Pentafluorobenzene	8.229	168	145892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	269502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127028	55.142	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.280%
35) Dibromofluoromethane	8.171	113	93565	55.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.320%
50) Toluene-d8	10.570	98	336226	51.697	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.853	95	108813	46.875	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.740%
Target Compounds						
						Qvalue
16) Acetone	4.441	43	4634	4.904	ug/l #	83

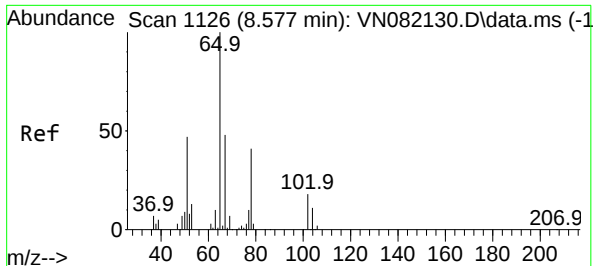
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

1,2-Dichloroethane-d4

Concen: 55.142 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

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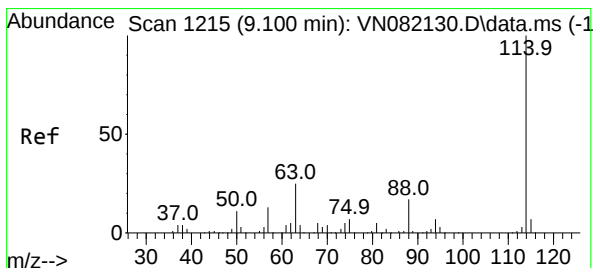
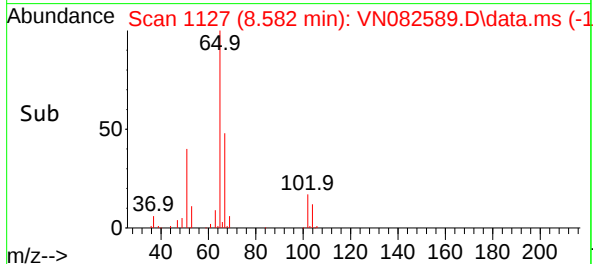
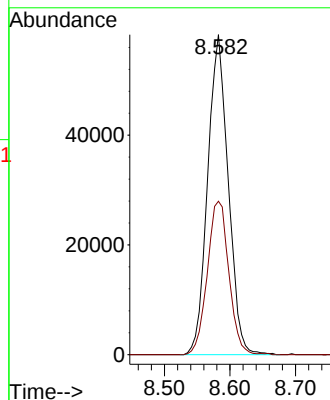
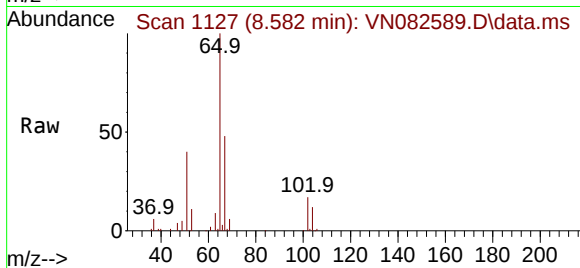
BP-VPB-189-GW-358-360

Tgt Ion: 65 Resp: 127028

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082589.D

Acq: 14 Jun 2024 17:41

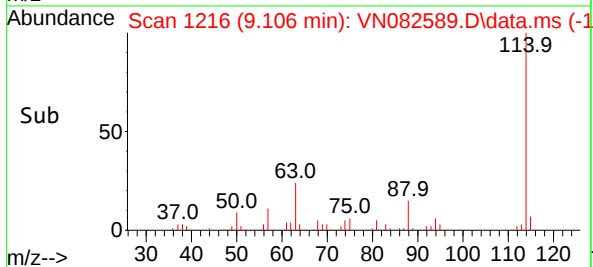
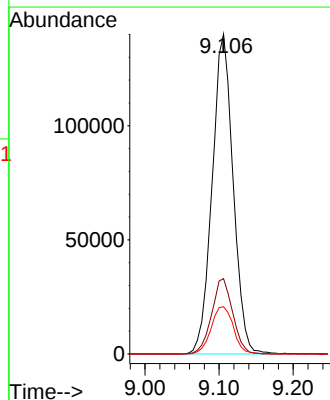
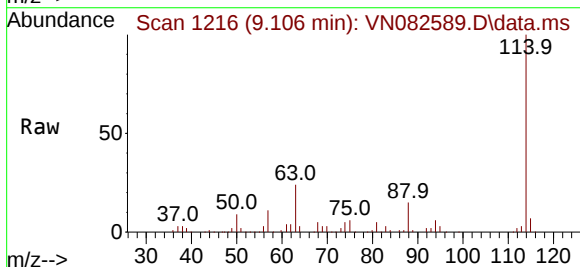
Tgt Ion: 114 Resp: 275766

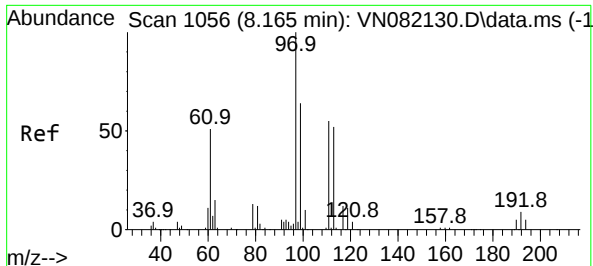
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 14.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.155 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082589.D

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Instrument :

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ClientSampleId :

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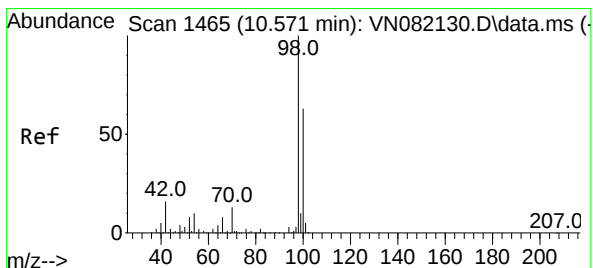
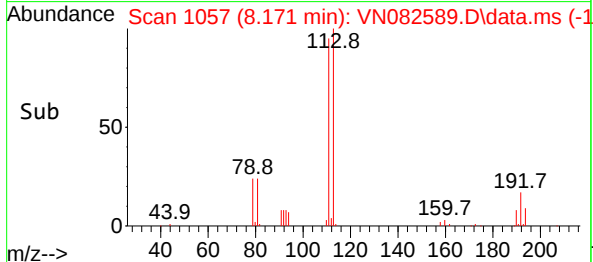
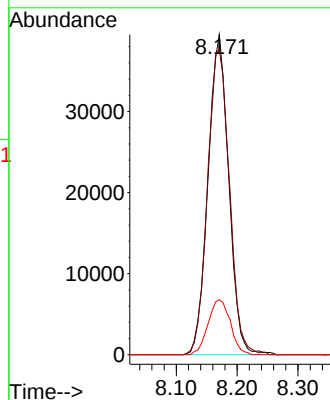
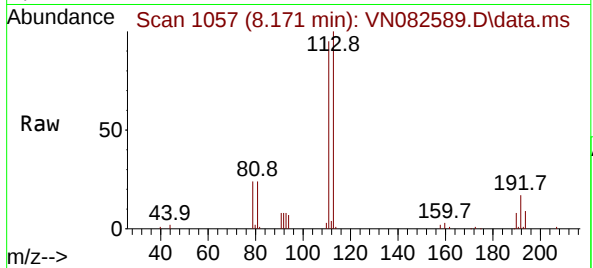
Tgt Ion:113 Resp: 93565

Ion Ratio Lower Upper

113 100

111 100.2 83.4 125.2

192 18.4 14.0 21.0



#50

Toluene-d8

Concen: 51.697 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082589.D

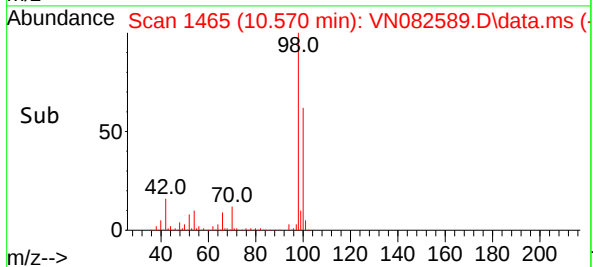
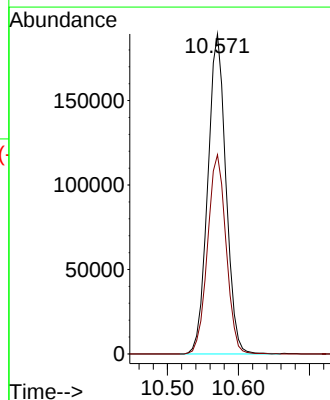
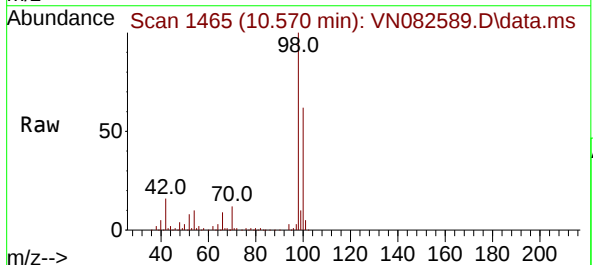
Acq: 14 Jun 2024 17:41

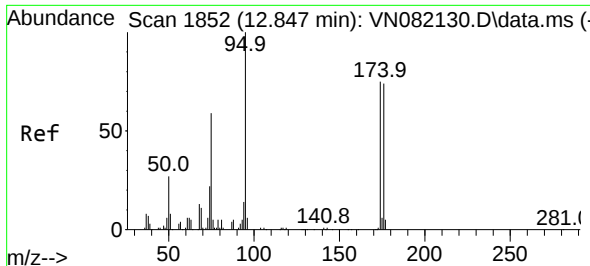
Tgt Ion: 98 Resp: 336226

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.6

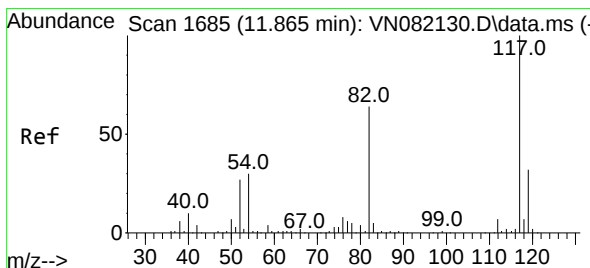
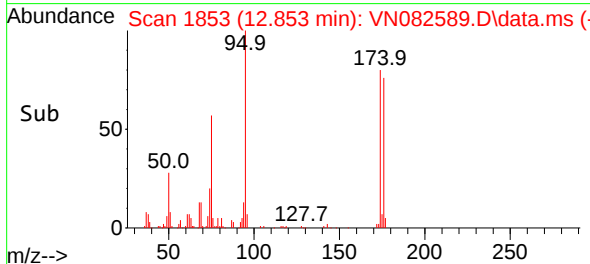
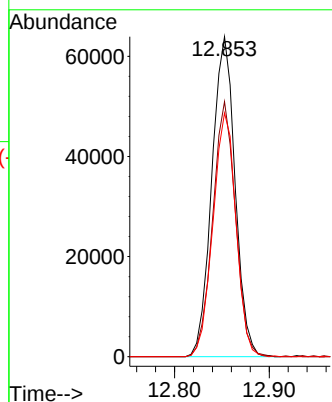
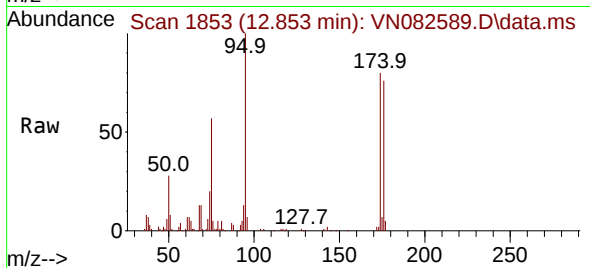




#62
4-Bromofluorobenzene
Concen: 46.875 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

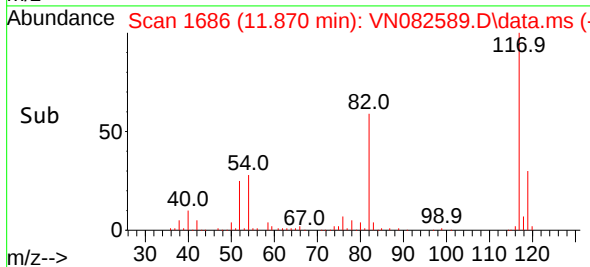
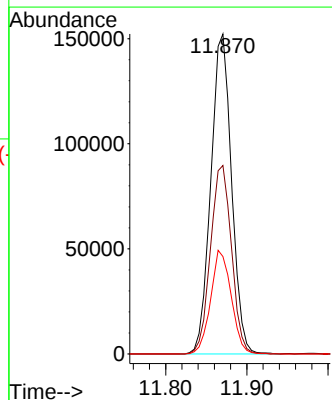
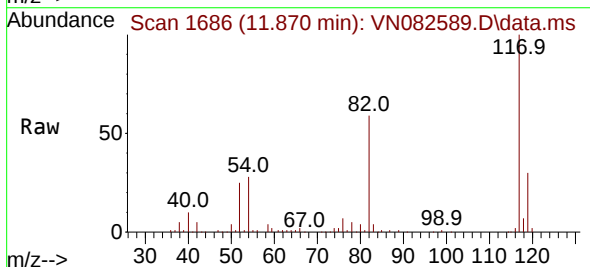
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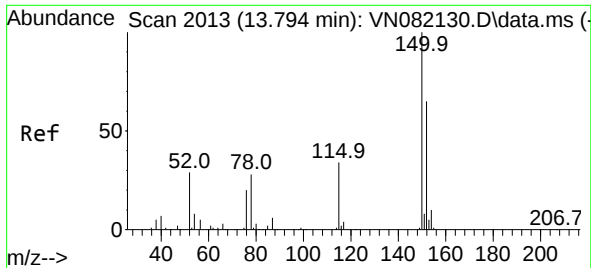
Tgt Ion: 95 Resp: 108813
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.6
176 75.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082589.D
Acq: 14 Jun 2024 17:41

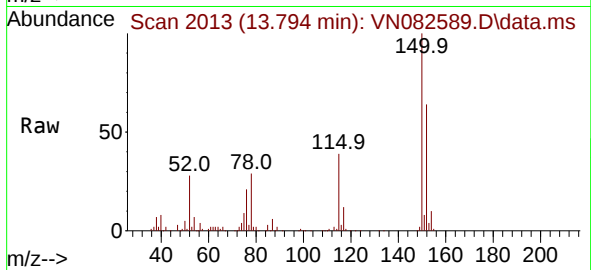
Tgt Ion: 117 Resp: 269502
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 30.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082589.D
 Acq: 14 Jun 2024 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-358-360



Tgt Ion:152 Resp: 110778
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.4 91.3
 150 159.1 0.0 353.2

