

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075203.D
 Acq On : 25 Jan 2023 16:59
 Operator : KP/SY
 Sample : 01293-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-3-012523

Quant Time: Jan 26 03:50:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	212	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.216	65	115	40.833	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.660%
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.269	98	804	76.281	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	152.560%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

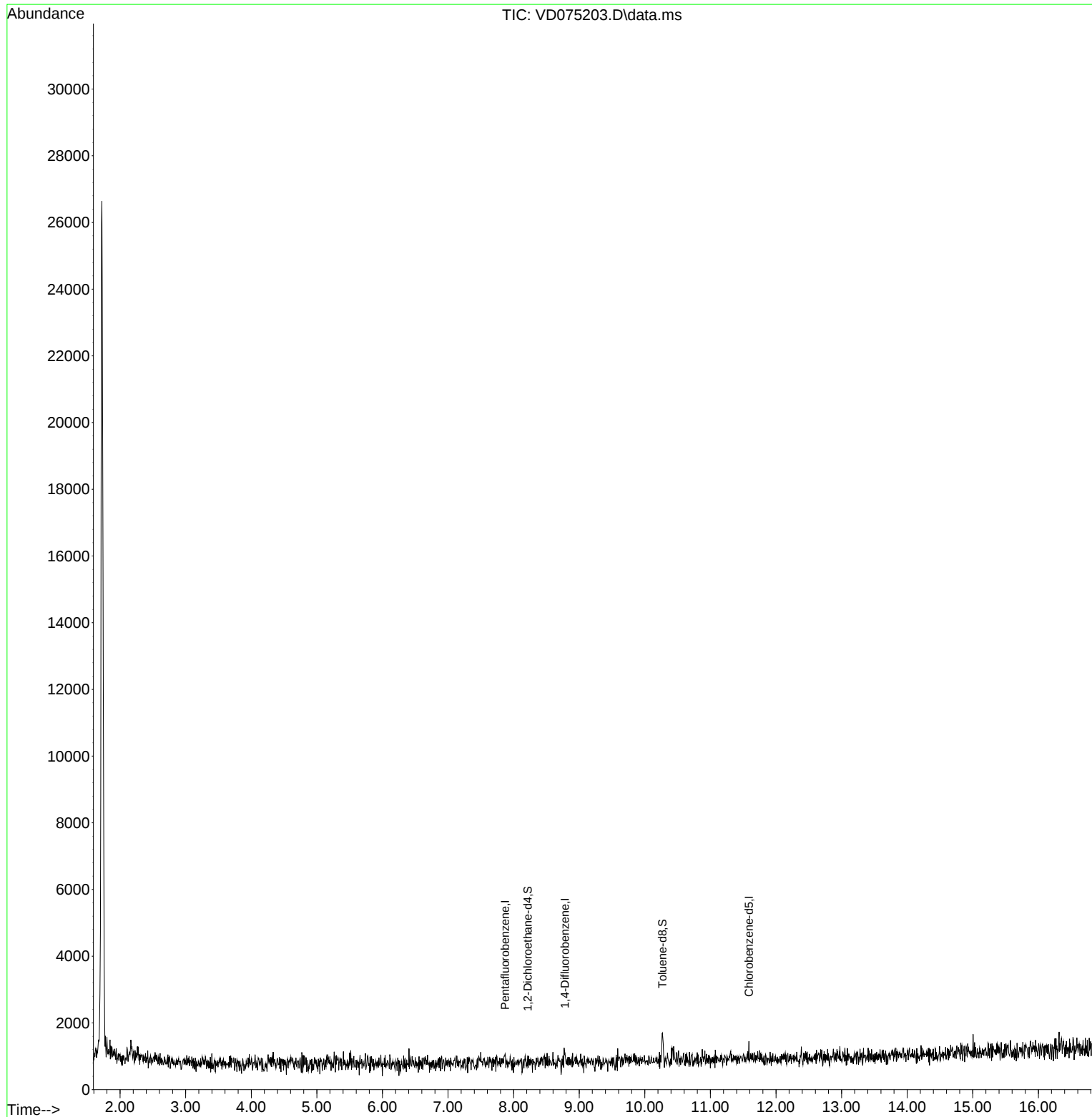
Target Compounds Qvalue

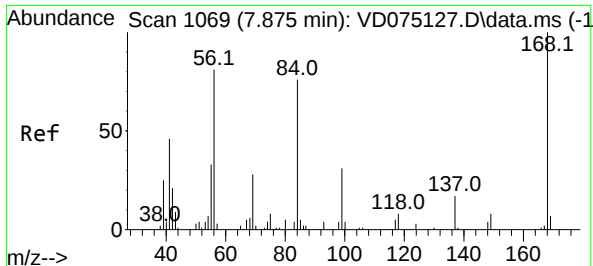
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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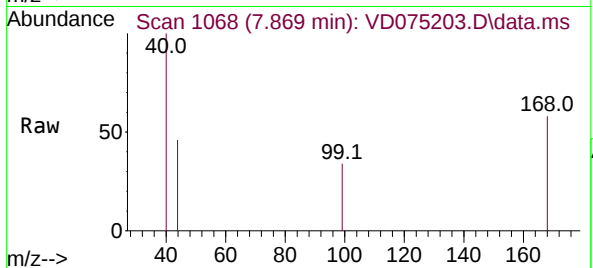
Quant Time: Jan 26 03:50:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
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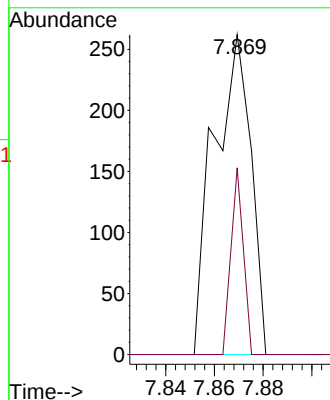
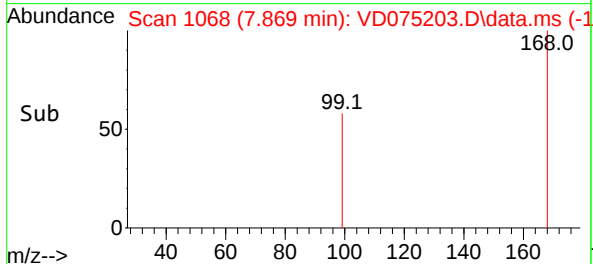


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

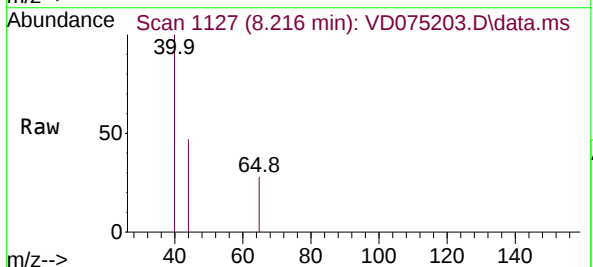
Instrument :
MSVOA_D
ClientSampleId :
PL-3-012523



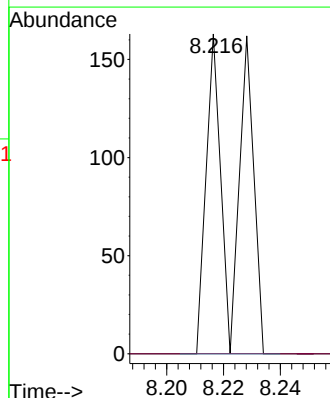
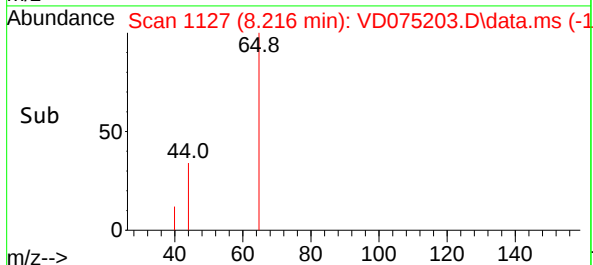
Tgt Ion:168 Resp: 276
Ion Ratio Lower Upper
168 100
99 58.4 45.2 67.8

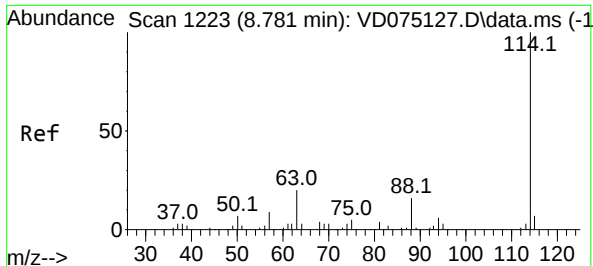


#33
1,2-Dichloroethane-d4
Concen: 40.833 ug/l
RT: 8.216 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VD075203.D
Acq: 25 Jan 2023 16:59



Tgt Ion: 65 Resp: 115
Ion Ratio Lower Upper
65 100
67 0.0 0.0 105.2

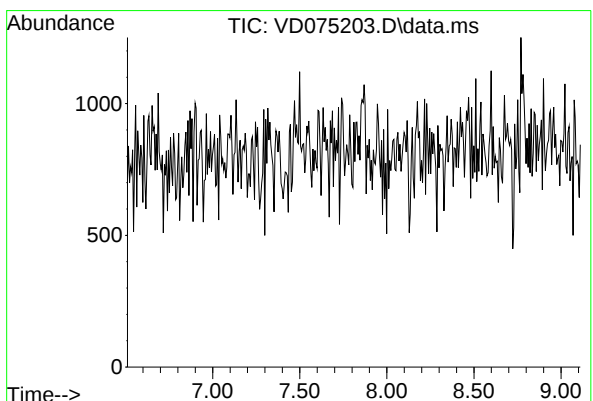
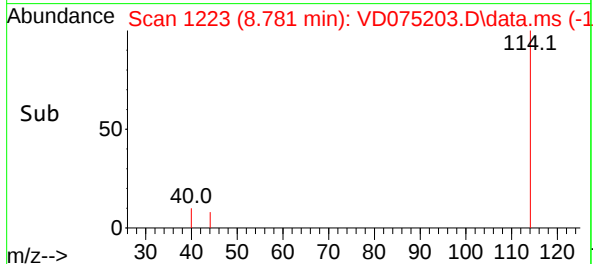
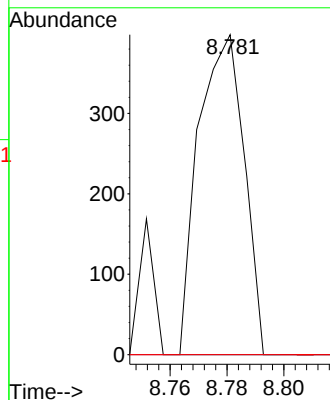
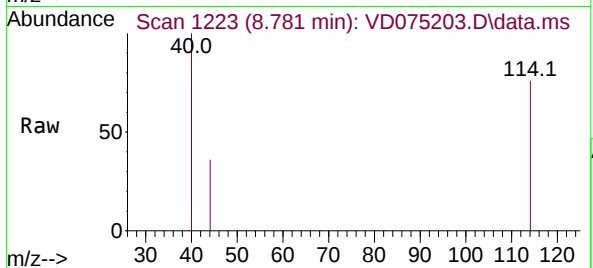




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

Instrument :
MSVOA_D
ClientSampleId :
PL-3-012523

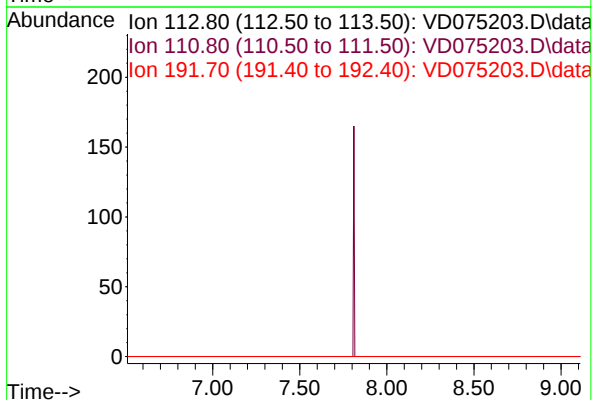
Tgt Ion:114 Resp: 443
Ion Ratio Lower Upper
114 100
63 0.0 0.0 40.2
88 0.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.81 min

Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

Tgt Ion: 113
Sig Exp Ratio
113 100
111 100.1
192 19.2

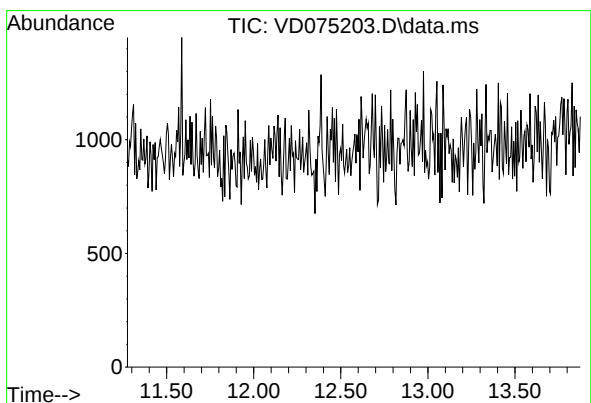
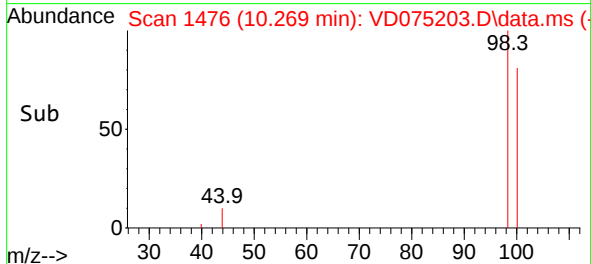
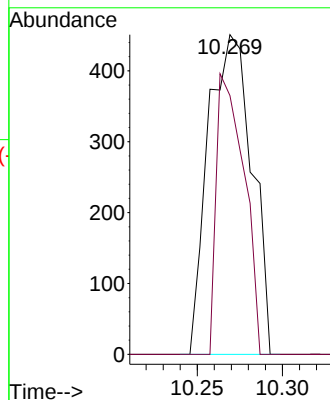
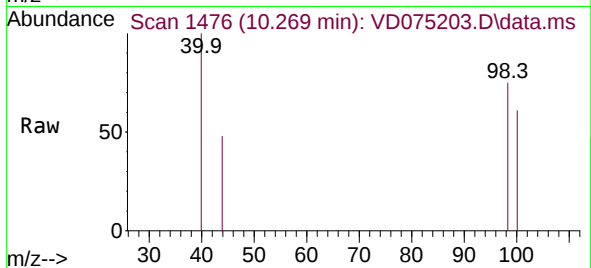




#50
Toluene-d8
Concen: 76.281 ug/l
RT: 10.269 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

Instrument :
MSVOA_D
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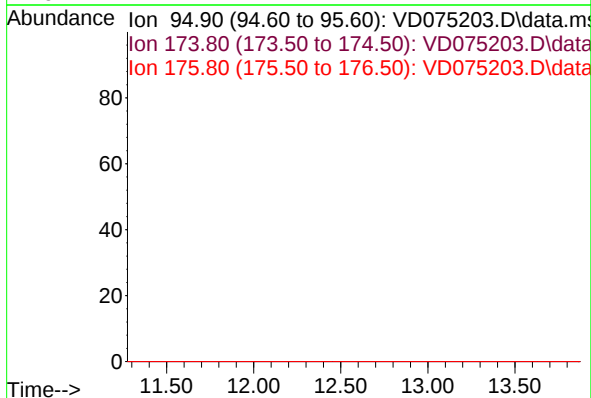
Tgt Ion: 98 Resp: 804
Ion Ratio Lower Upper
98 100
100 55.3 52.7 79.1

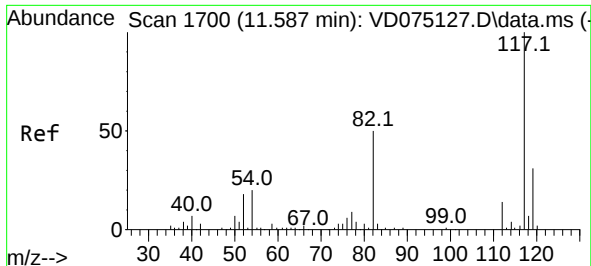


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

Tgt Ion: 95
Sig Exp Ratio
95 100
174 80.6
176 80.1

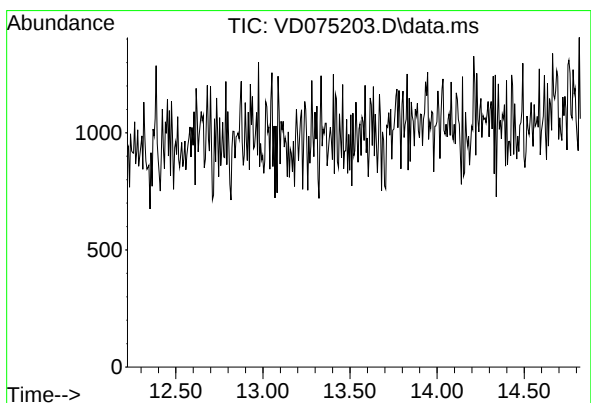
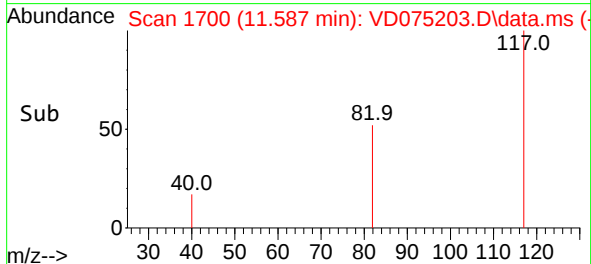
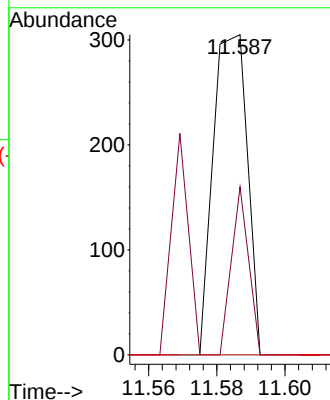
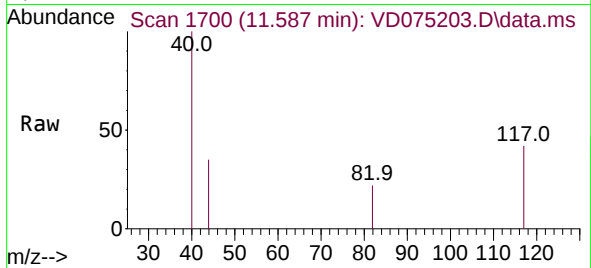




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

Instrument :
MSVOA_D
ClientSampleId :
PL-3-012523

Tgt Ion:117 Resp: 212
Ion Ratio Lower Upper
117 100
82 52.5 39.6 59.4
119 0.0 24.6 37.0#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.52 min

Lab File: VD075203.D
Acq: 25 Jan 2023 16:59

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.6
150 174.3

