

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077919.D
 Acq On : 16 Dec 2023 00:29
 Operator : RP/MD
 Sample : 05758-19
 Misc : 4.75G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-COMP-3

Quant Time: Dec 16 05:11:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	114385	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	212286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	62485	46.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.720%
35) Dibromofluoromethane	7.810	113	63965	43.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.040%
50) Toluene-d8	10.269	98	269691	45.284	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.560%
62) 4-Bromofluorobenzene	12.575	95	79338	44.558	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.120%

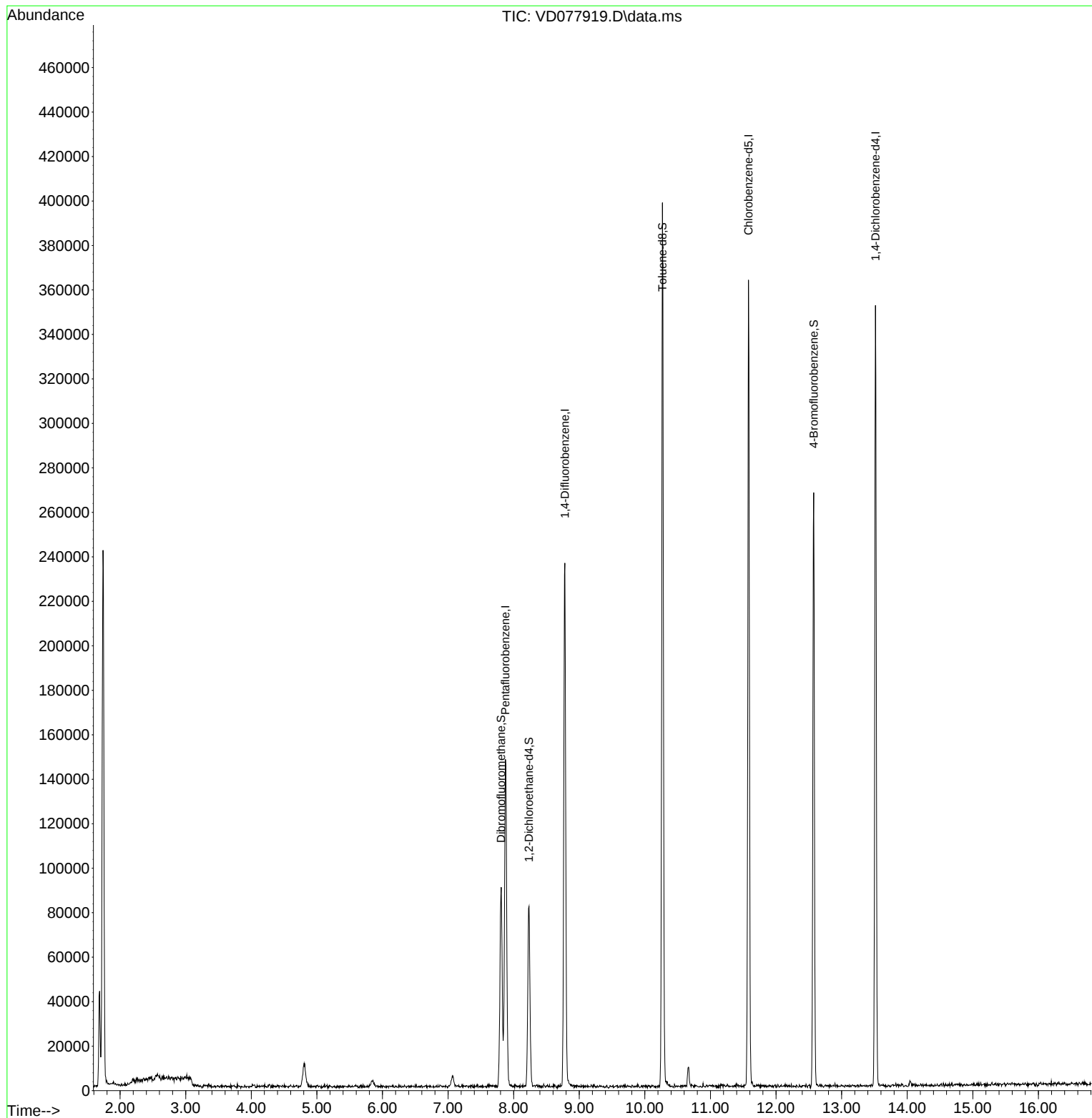
Target Compounds	Qvalue

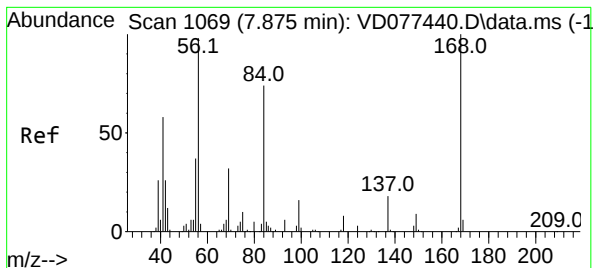
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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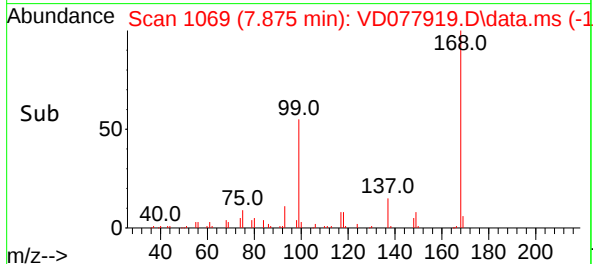
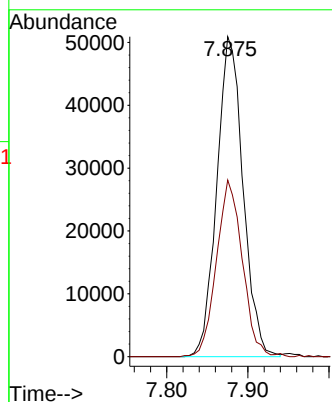
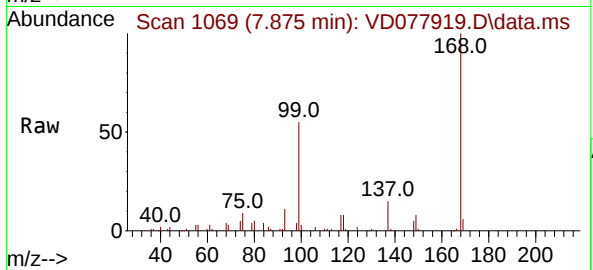




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077919.D
Acq: 16 Dec 2023 00:29

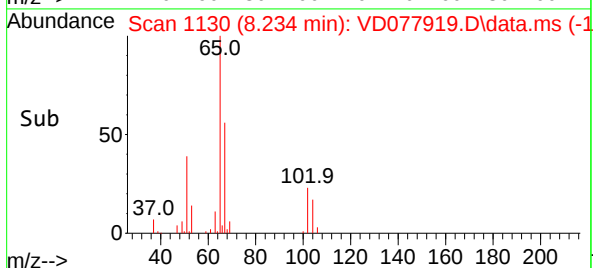
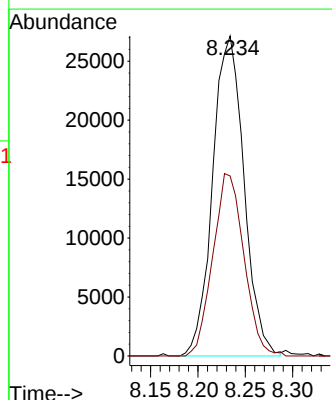
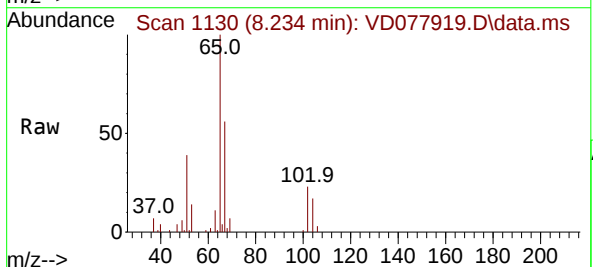
Instrument :
MSVOA_D
ClientSampleId :
SP-COMP-3

Tgt Ion:168 Resp: 114385
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 46.359 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077919.D
Acq: 16 Dec 2023 00:29

Tgt Ion: 65 Resp: 62485
Ion Ratio Lower Upper
65 100
67 56.5 0.0 115.0

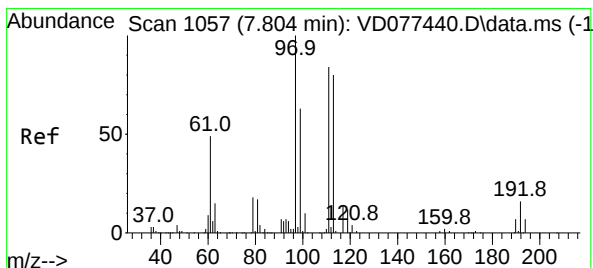
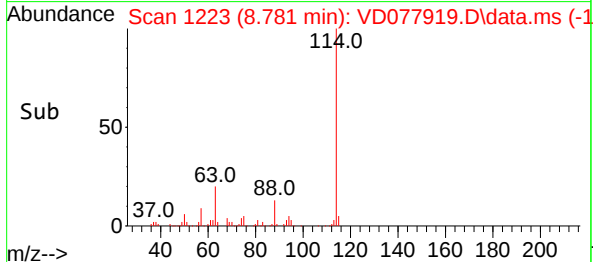
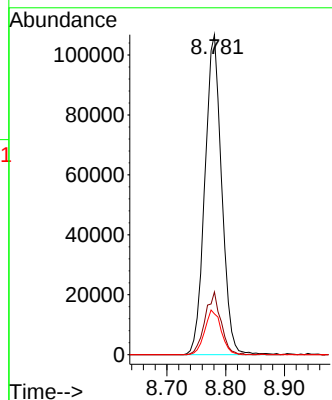
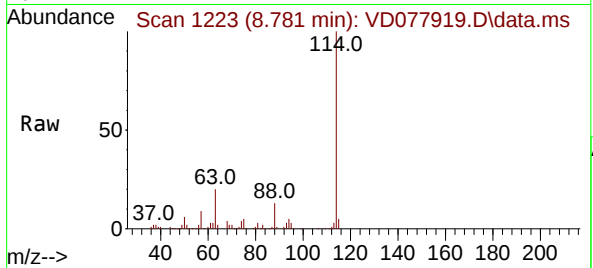




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077919.D
Acq: 16 Dec 2023 00:29

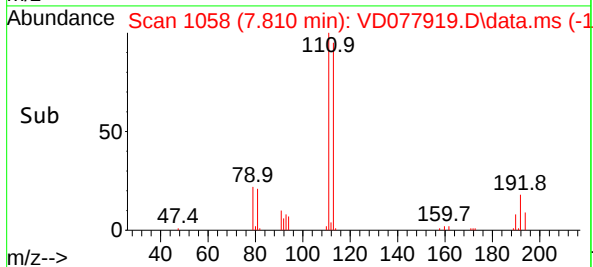
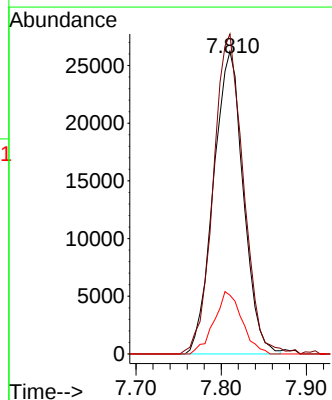
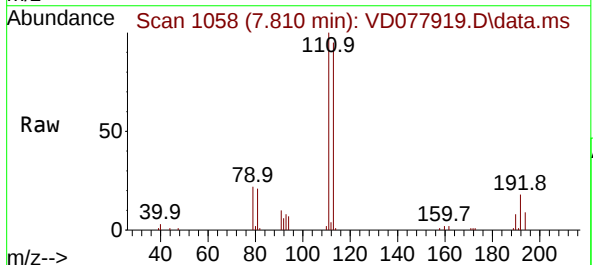
Instrument :
MSVOA_D
ClientSampleId :
SP-COMP-3

Tgt Ion:114 Resp: 212286
Ion Ratio Lower Upper
114 100
63 19.6 0.0 33.4
88 12.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 43.016 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077919.D
Acq: 16 Dec 2023 00:29

Tgt Ion:113 Resp: 63965
Ion Ratio Lower Upper
113 100
111 106.2 84.7 127.1
192 19.2 16.8 25.2

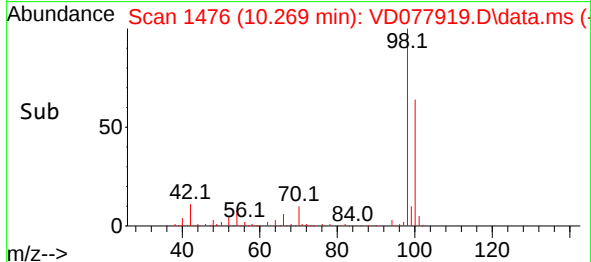
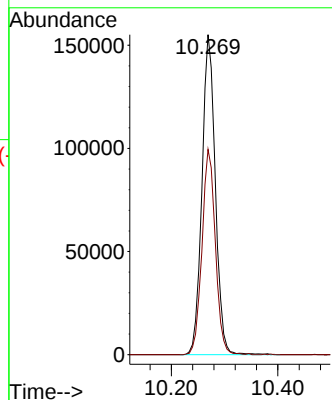
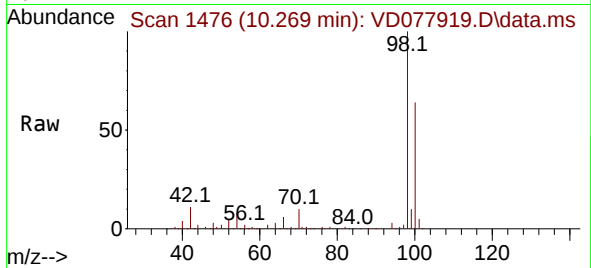




#50
Toluene-d8
Concen: 45.284 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077919.D
Acq: 16 Dec 2023 00:29

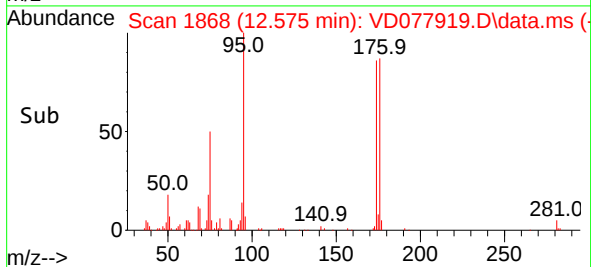
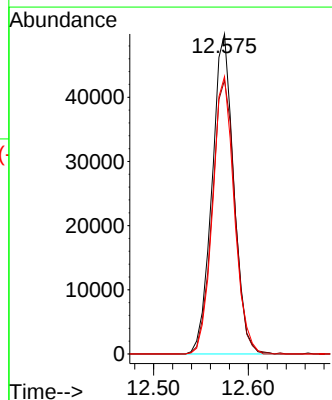
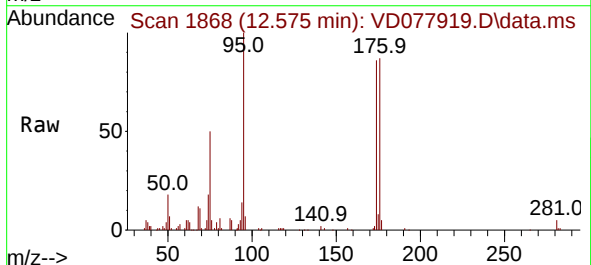
Instrument :
MSVOA_D
ClientSampleId :
SP-COMP-3

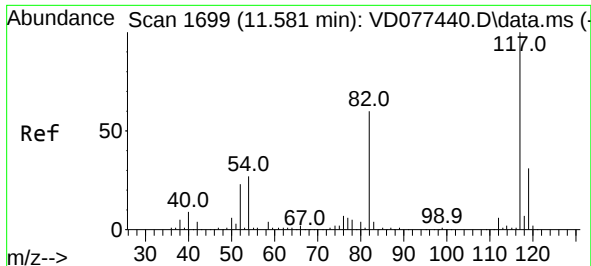
Tgt Ion: 98 Resp: 269691
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.558 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077919.D
Acq: 16 Dec 2023 00:29

Tgt Ion: 95 Resp: 79338
Ion Ratio Lower Upper
95 100
174 89.1 0.0 201.8
176 86.3 0.0 191.8

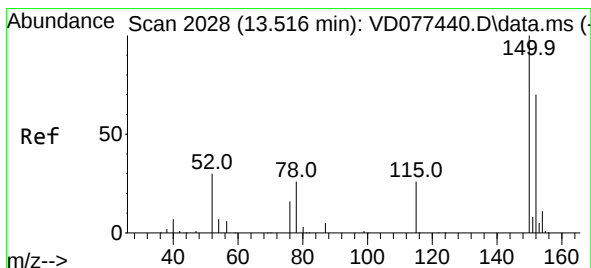
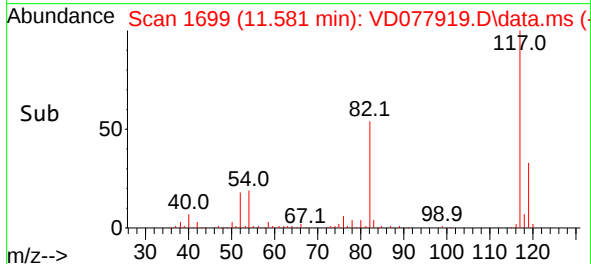
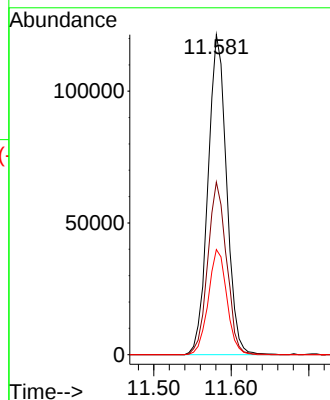
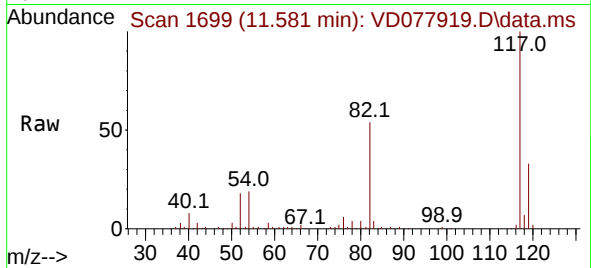




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077919.D
Acq: 16 Dec 2023 00:29

Instrument :
MSVOA_D
ClientSampleId :
SP-COMP-3

Tgt Ion:117 Resp: 202833
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 32.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077919.D
Acq: 16 Dec 2023 00:29

Tgt Ion:152 Resp: 93462
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.3
150 158.7 0.0 353.6

