

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075003.D
 Acq On : 21 Nov 2022 14:57
 Operator : VA/SY
 Sample : N5699-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AREA-COMP-EXCAV-1ST-AVE

Quant Time: Nov 22 00:18:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	6200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	11257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	6729	178.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 357.140%#	
35) Dibromofluoromethane	7.810	113	5436	78.338	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 156.680%#	
50) Toluene-d8	10.269	98	14388	62.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.900%	
62) 4-Bromofluorobenzene	12.575	95	5429	77.348	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 154.700%#	

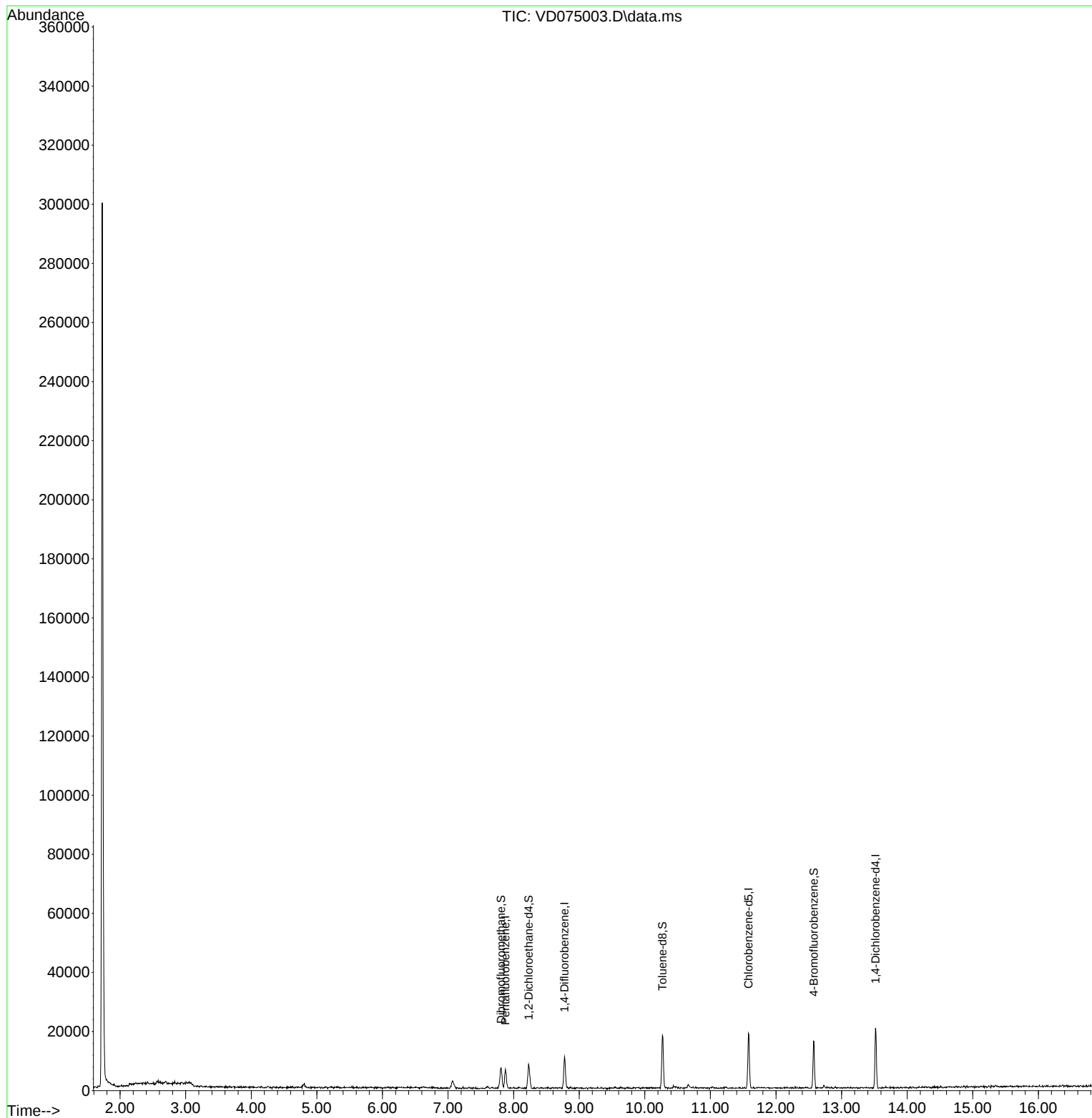
Target Compounds Qvalue

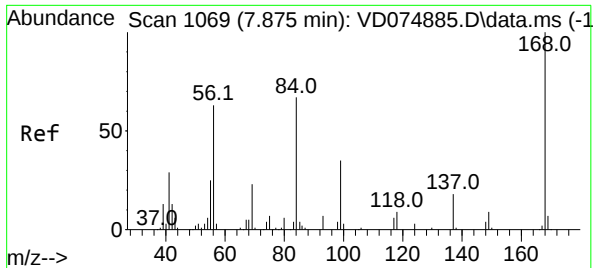
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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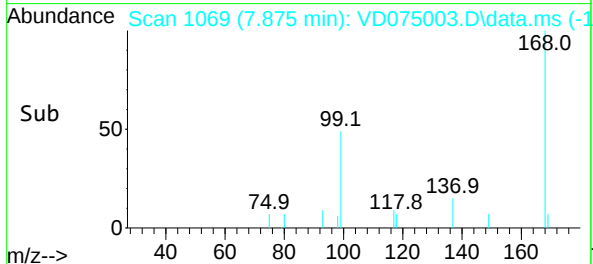
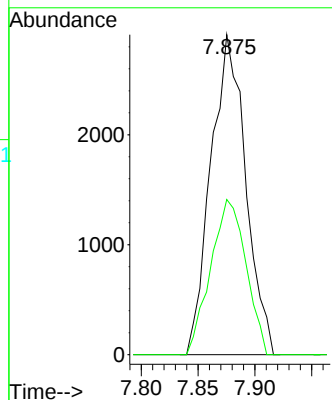
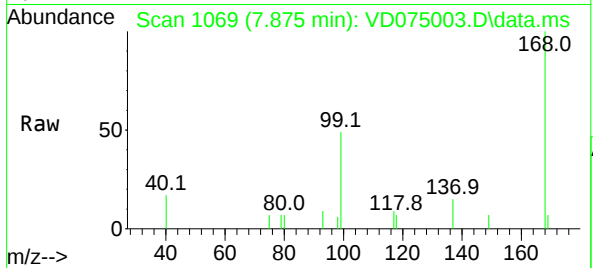




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

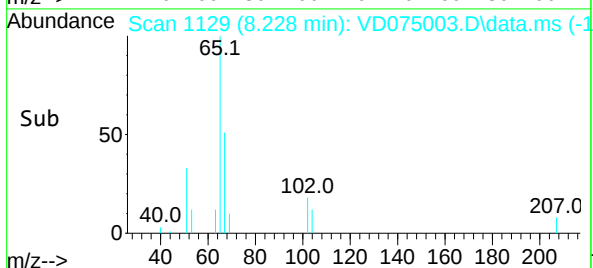
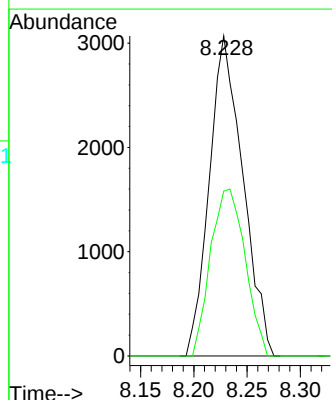
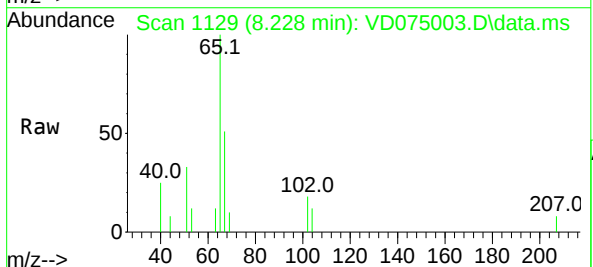
Instrument :
MSVOA_D
ClientSampleId :
AREA-COMP-EXCAV-1ST-AVE

Tgt Ion:168 Resp: 6200
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 178.574 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Tgt Ion: 65 Resp: 6729
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075003.D

Acq: 21 Nov 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

AREA-COMP-EXCAV-1ST-AVE

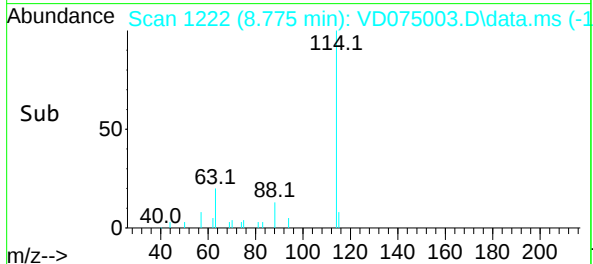
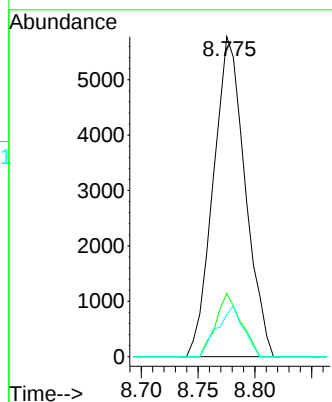
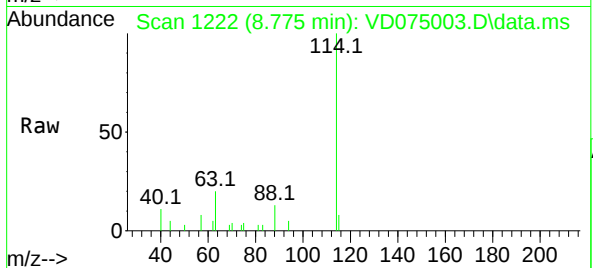
Tgt Ion:114 Resp: 11257

Ion Ratio Lower Upper

114 100

63 19.7 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 78.338 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075003.D

Acq: 21 Nov 2022 14:57

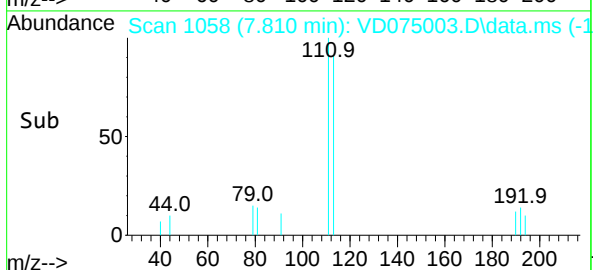
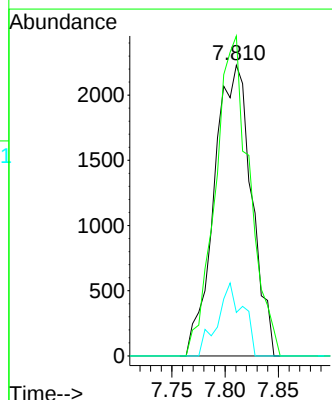
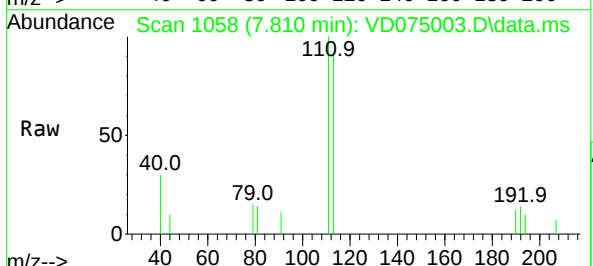
Tgt Ion:113 Resp: 5436

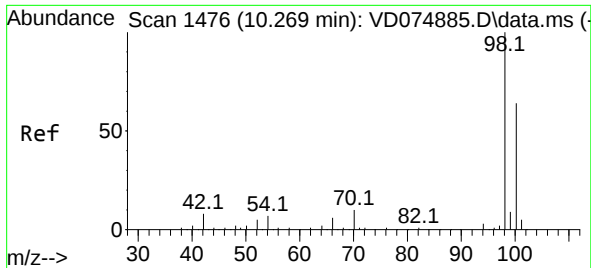
Ion Ratio Lower Upper

113 100

111 100.8 82.3 123.5

192 17.1 16.4 24.6

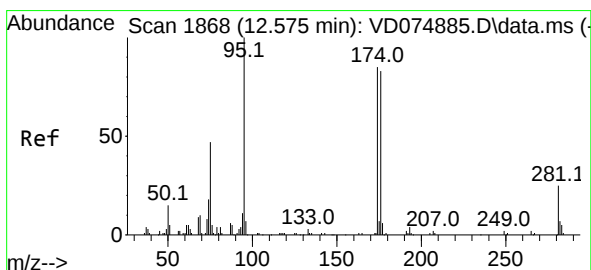
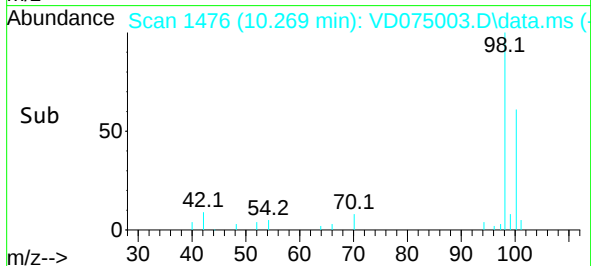
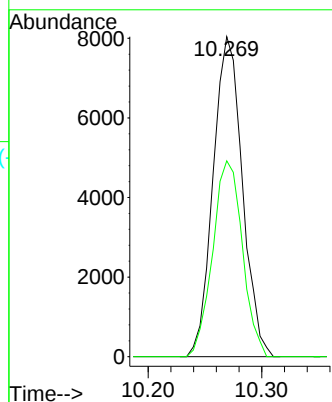
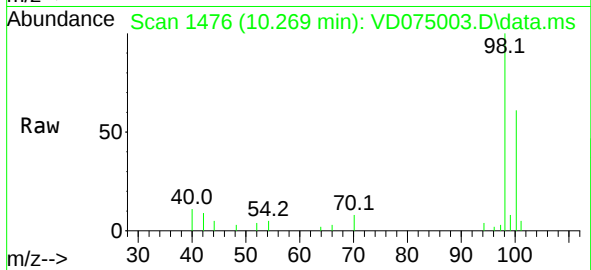




#50
Toluene-d8
Concen: 62.945 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

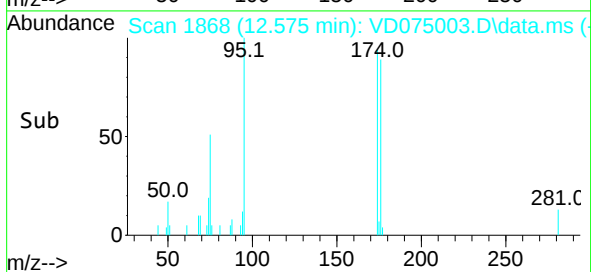
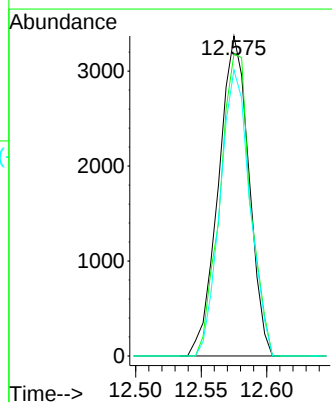
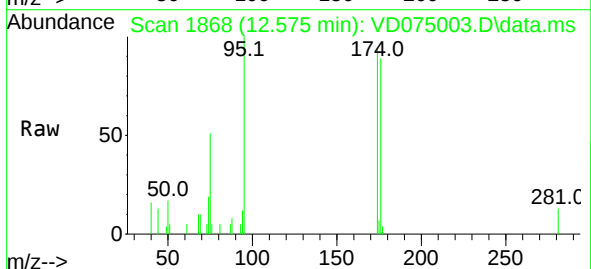
Instrument :
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AREA-COMP-EXCAV-1ST-AVE

Tgt Ion: 98 Resp: 14388
Ion Ratio Lower Upper
98 100
100 62.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 77.348 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Tgt Ion: 95 Resp: 5429
Ion Ratio Lower Upper
95 100
174 94.2 0.0 197.0
176 87.2 0.0 182.6

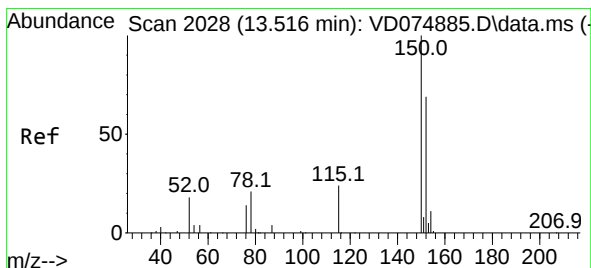
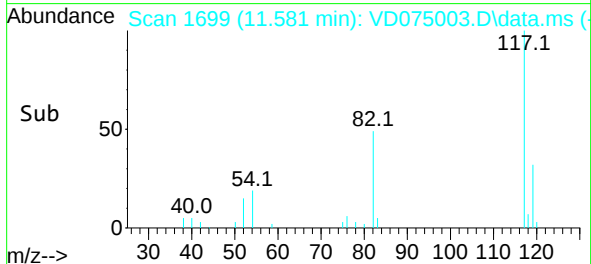
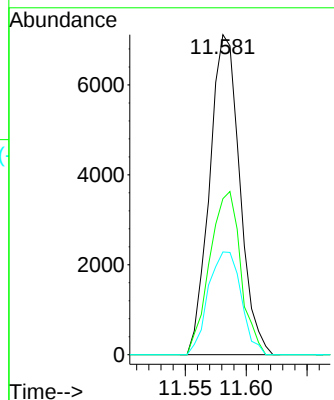
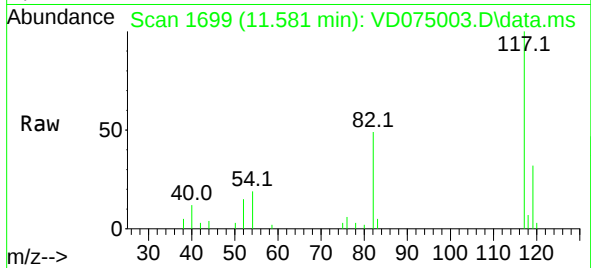




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
AREA-COMP-EXCAV-1ST-AVE

Tgt Ion:117	Resp:	12248
Ion	Ratio	Lower Upper
117	100	
82	48.7	41.6 62.4
119	32.1	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD075003.D
Acq: 21 Nov 2022 14:57

Tgt Ion:152	Resp:	6468
Ion	Ratio	Lower Upper
152	100	
115	51.9	26.8 80.4
150	154.9	0.0 348.2

