

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073467.D
 Acq On : 02 Jun 2022 12:58
 Operator : VA/SY
 Sample : N3108-01
 Misc : 4.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NP-1

Quant Time: Jun 03 01:29:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	178778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	331368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	393048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	193702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127086	64.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.640%
35) Dibromofluoromethane	7.908	113	128577	58.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.600%
50) Toluene-d8	10.332	98	423830	52.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.160%
62) 4-Bromofluorobenzene	12.620	95	178075	62.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.900%

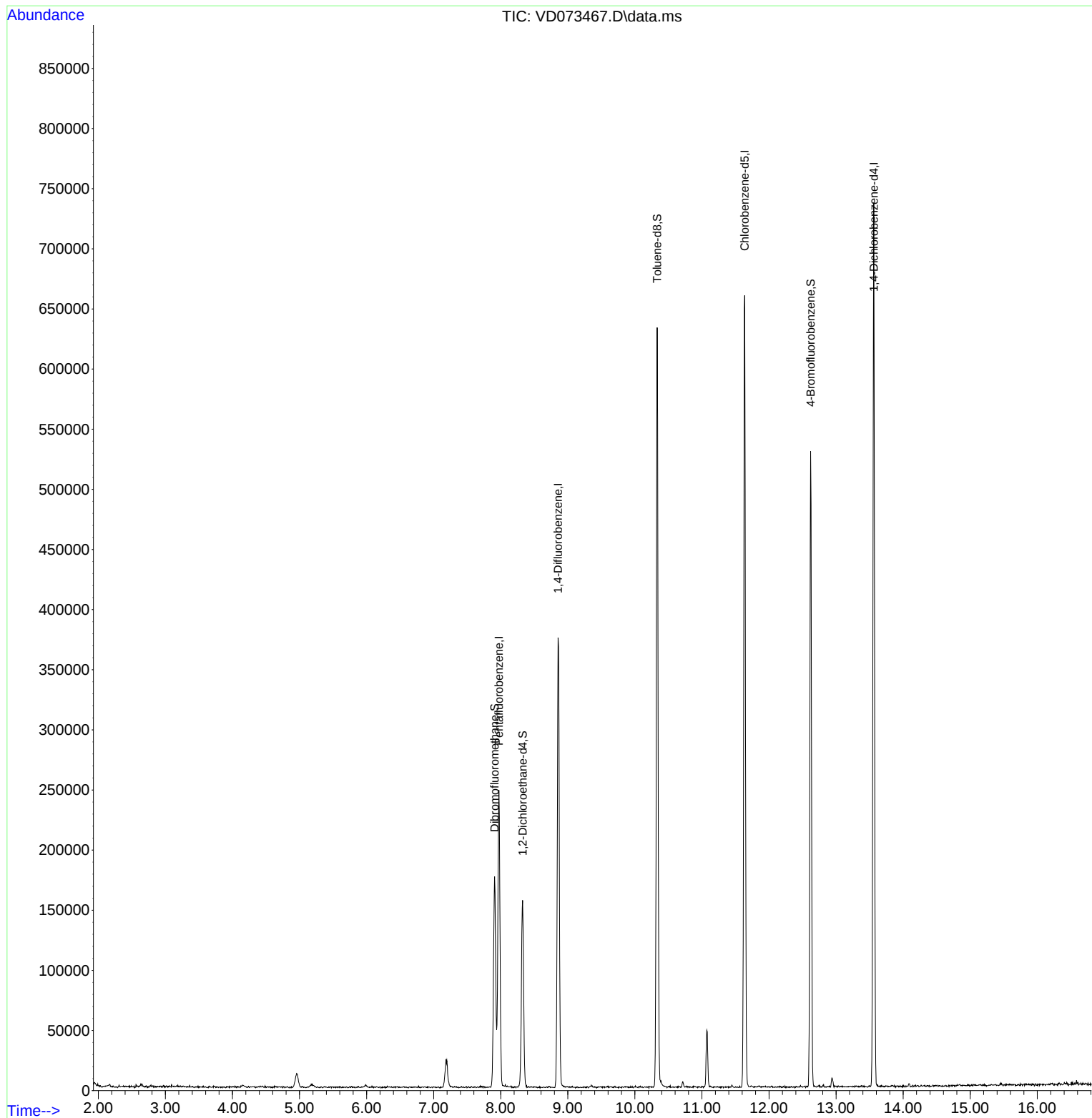
Target Compounds	Qvalue

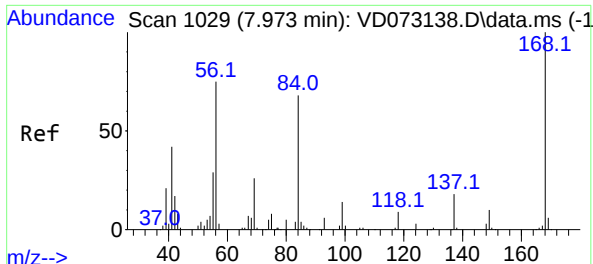
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

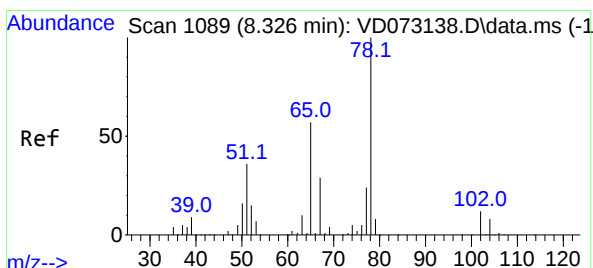
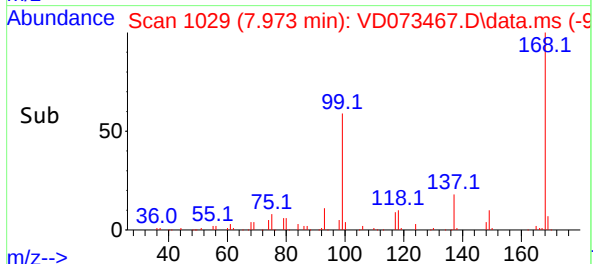
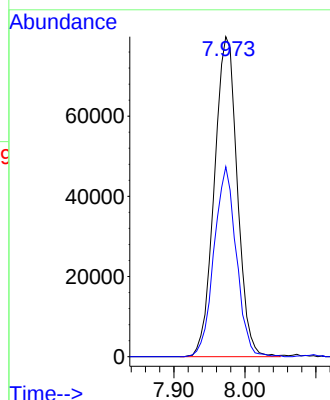
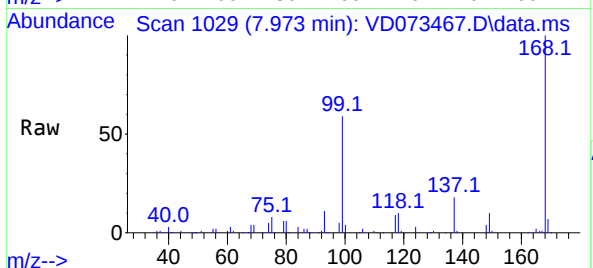
NP-1

Tgt Ion:168 Resp: 178778

Ion Ratio Lower Upper

168 100

99 59.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 64.323 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073467.D

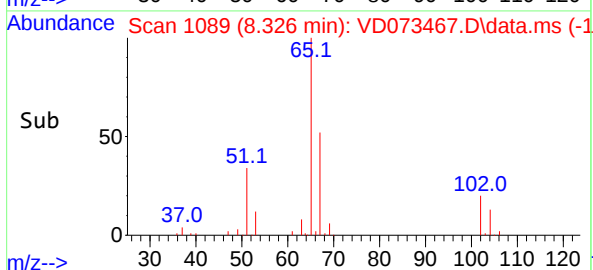
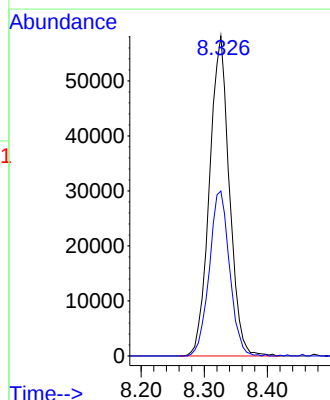
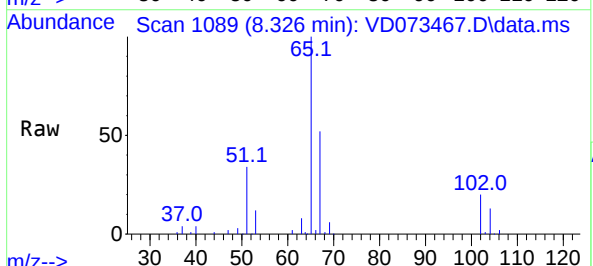
Acq: 02 Jun 2022 12:58

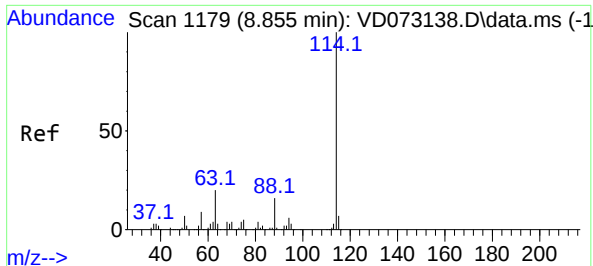
Tgt Ion: 65 Resp: 127086

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073467.D

Acq: 02 Jun 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

NP-1

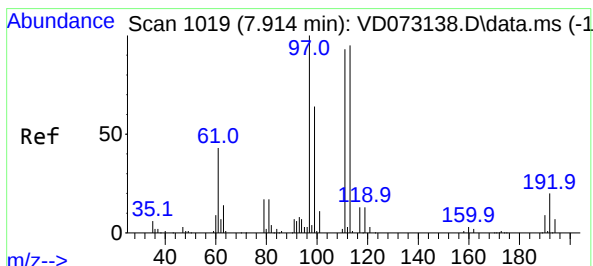
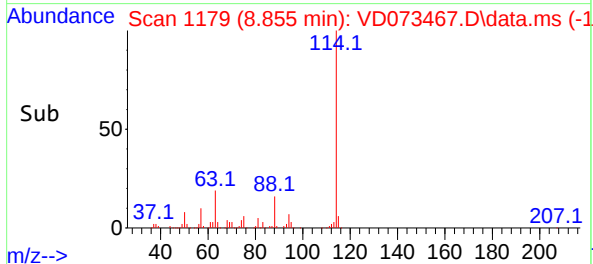
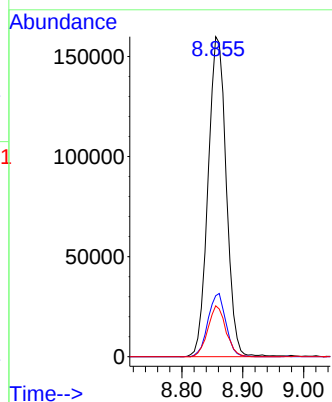
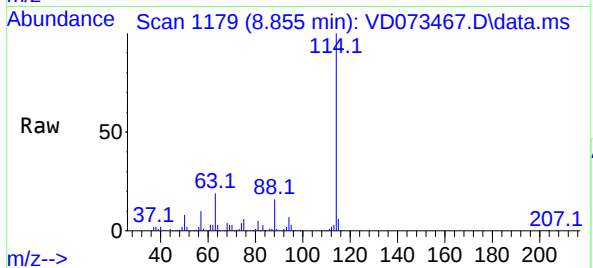
Tgt Ion:114 Resp: 331368

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 58.803 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073467.D

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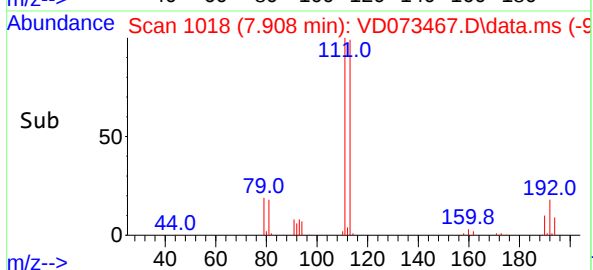
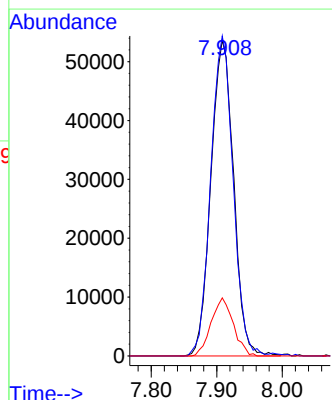
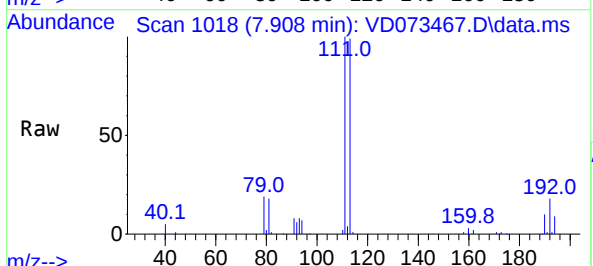
Tgt Ion:113 Resp: 128577

Ion Ratio Lower Upper

113 100

111 100.1 83.8 125.6

192 18.0 14.6 21.8

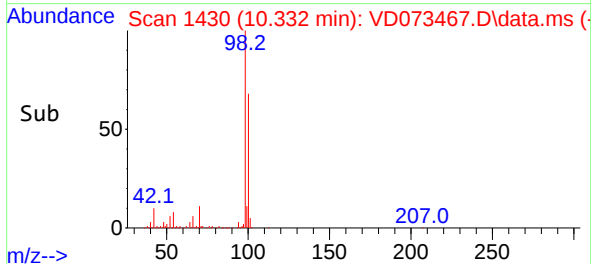
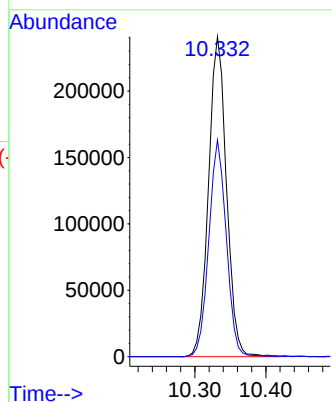
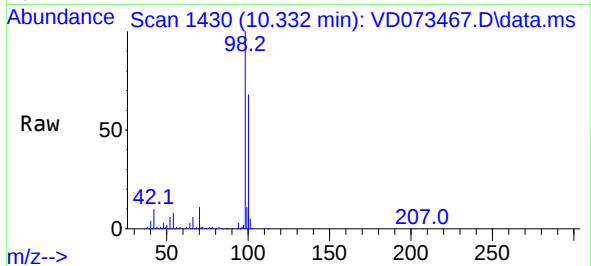




#50
Toluene-d8
Concen: 52.582 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

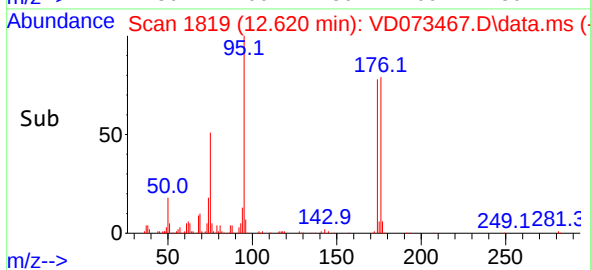
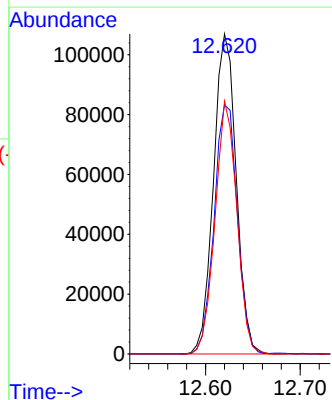
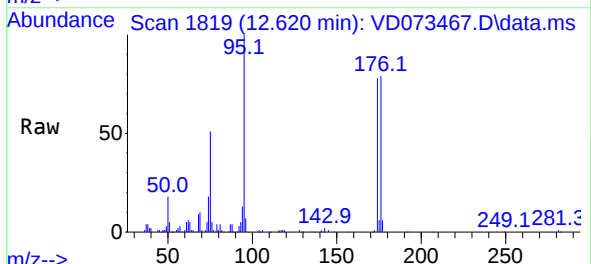
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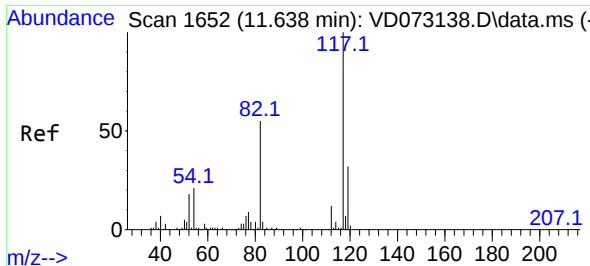
Tgt Ion: 98 Resp: 423830
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 62.953 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Tgt Ion: 95 Resp: 178075
Ion Ratio Lower Upper
95 100
174 80.1 0.0 152.8
176 75.9 0.0 145.4

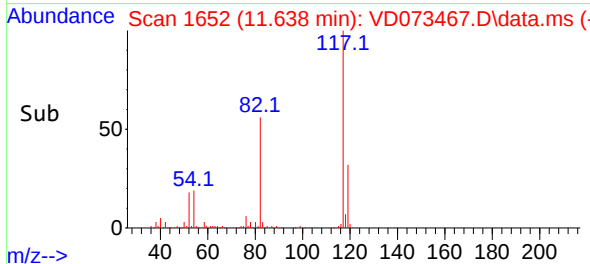
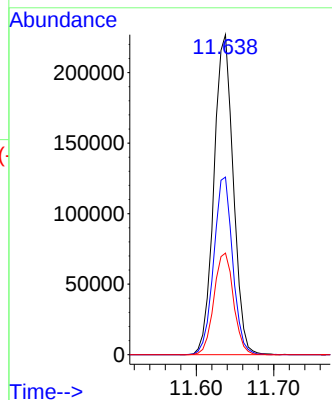
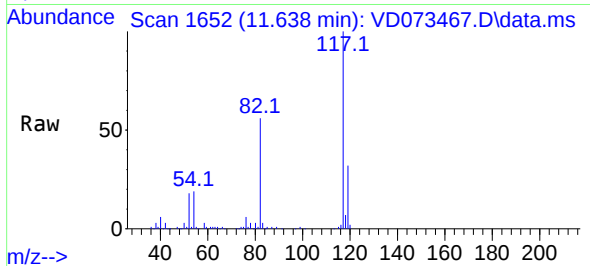




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Instrument :
MSVOA_D
ClientSampleId :
NP-1

Tgt Ion:117 Resp: 393048
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 31.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073467.D
Acq: 02 Jun 2022 12:58

Tgt Ion:152 Resp: 193702
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 159.4 0.0 348.6

