

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
 Data File : VD077167.D
 Acq On : 20 Sep 2023 15:20
 Operator : JC/SY
 Sample : 04434-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DIRTY-PILE-3

Quant Time: Sep 21 02:24:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	47244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	101667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	122808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	35909	75.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.620%
35) Dibromofluoromethane	7.810	113	40012	56.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.320%
50) Toluene-d8	10.269	98	130121	51.768	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.575	95	44497	57.116	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.240%

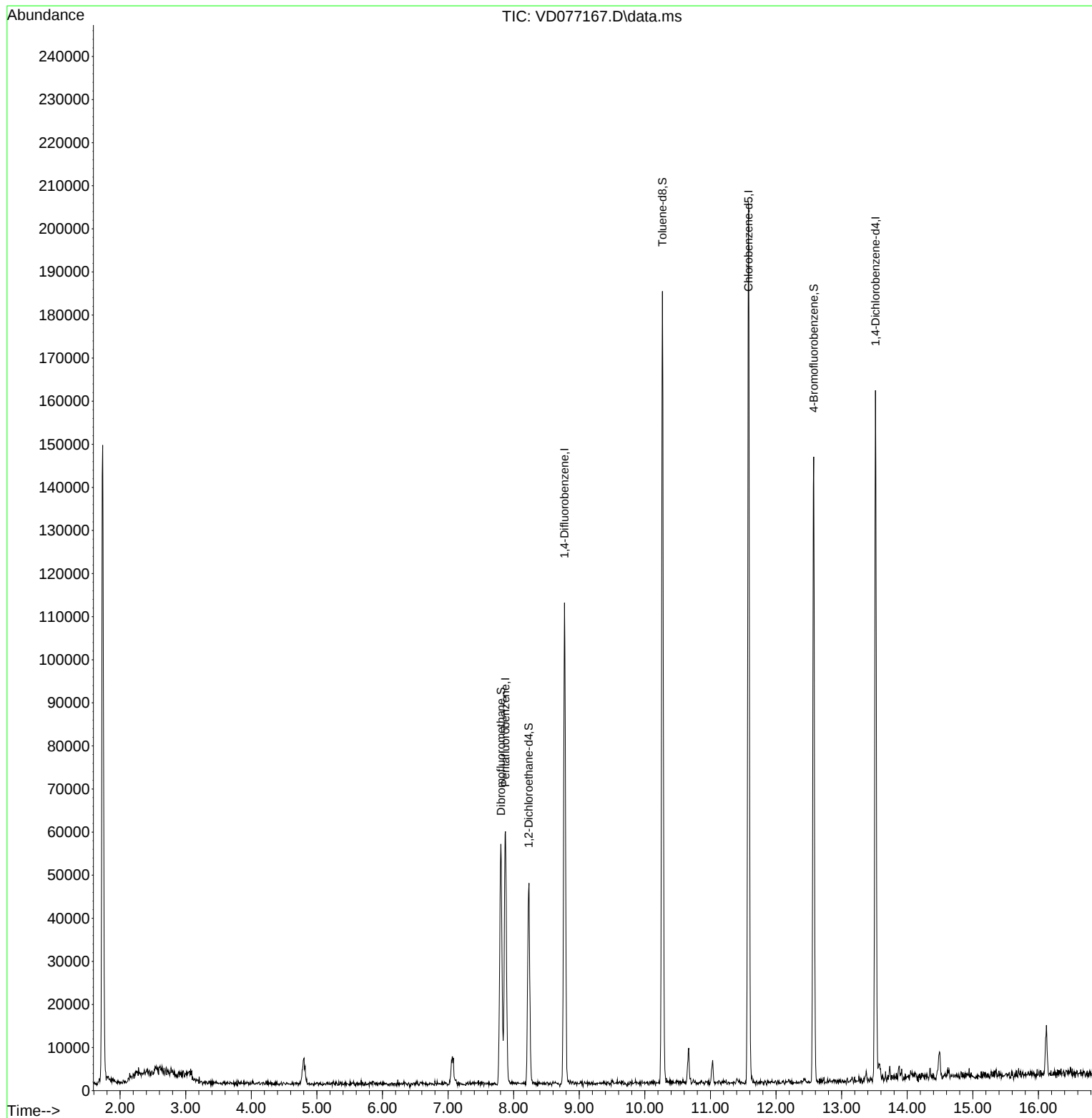
Target Compounds	Qvalue

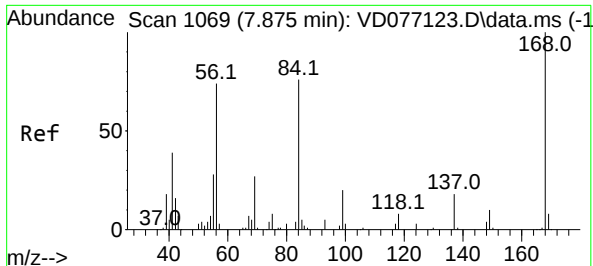
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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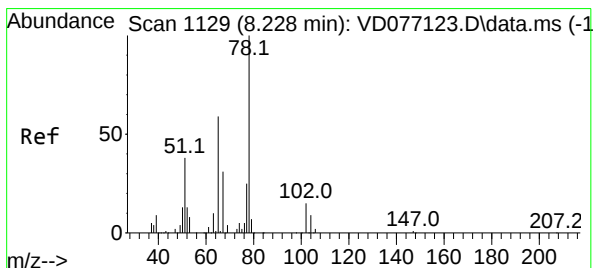
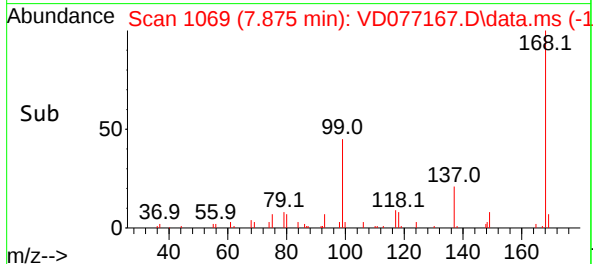
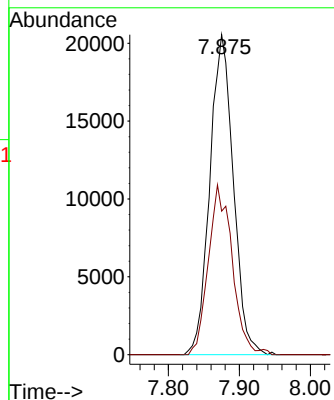
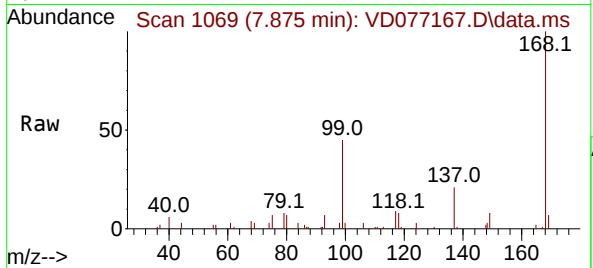




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077167.D
Acq: 20 Sep 2023 15:20

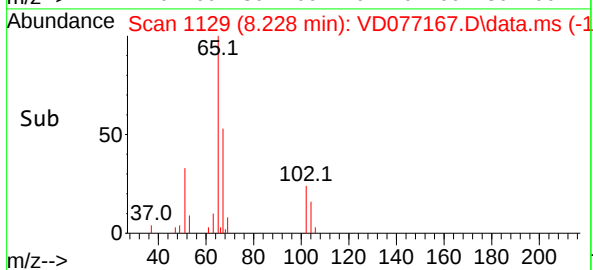
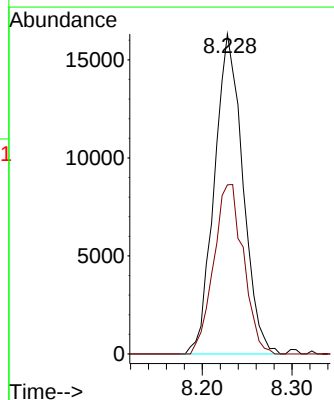
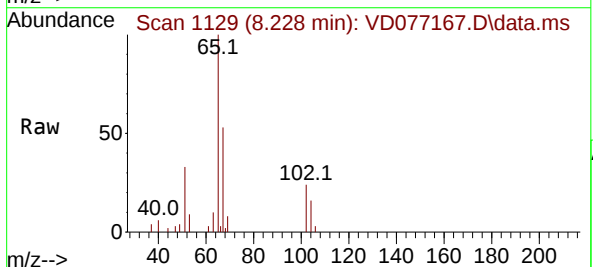
Instrument :
MSVOA_D
ClientSampleId :
DIRTY-PILE-3

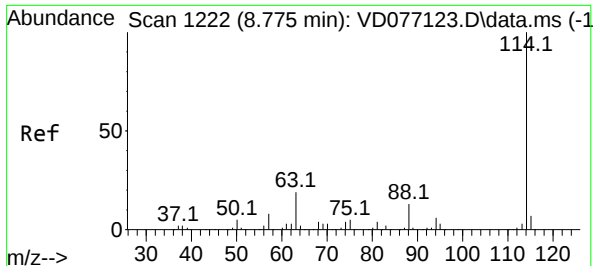
Tgt Ion:168 Resp: 47244
Ion Ratio Lower Upper
168 100
99 44.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 75.314 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077167.D
Acq: 20 Sep 2023 15:20

Tgt Ion: 65 Resp: 35909
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077167.D

Acq: 20 Sep 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

DIRTY-PILE-3

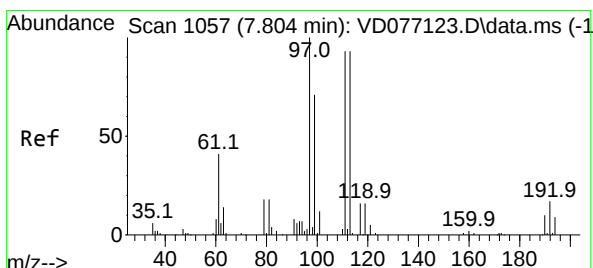
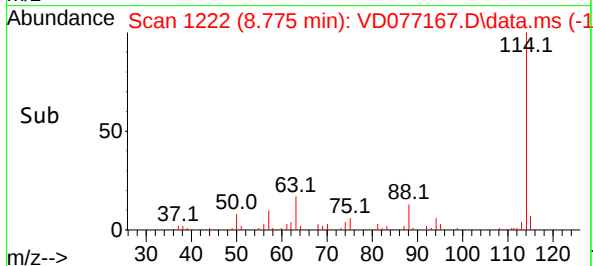
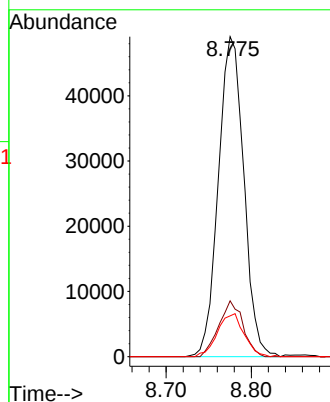
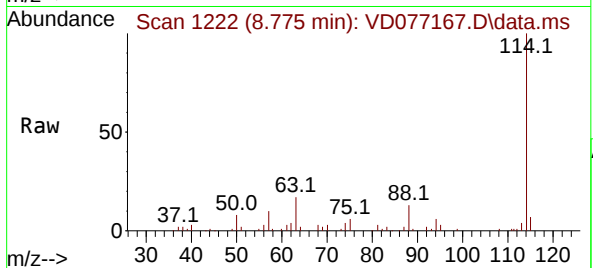
Tgt Ion:114 Resp: 101667

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 12.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.660 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077167.D

Acq: 20 Sep 2023 15:20

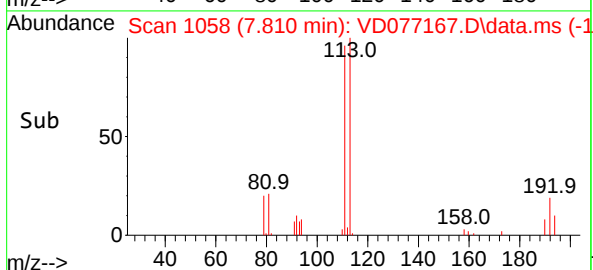
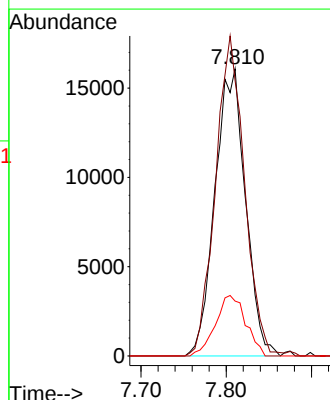
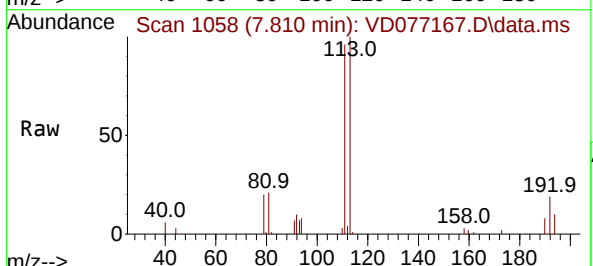
Tgt Ion:113 Resp: 40012

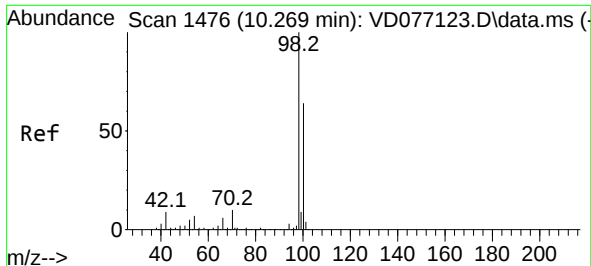
Ion Ratio Lower Upper

113 100

111 106.2 84.7 127.1

192 20.9 16.8 25.2

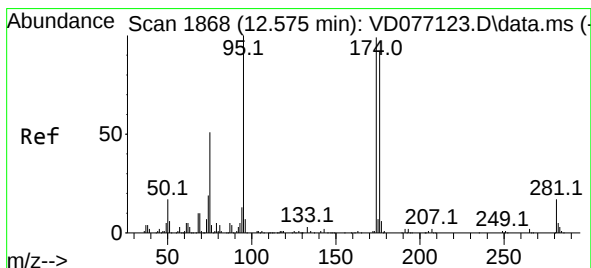
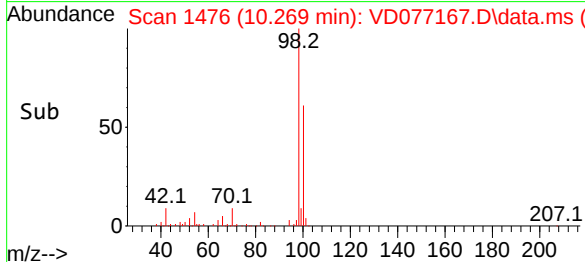
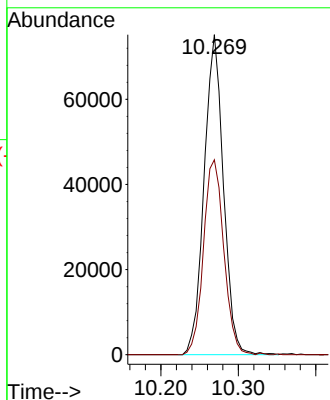
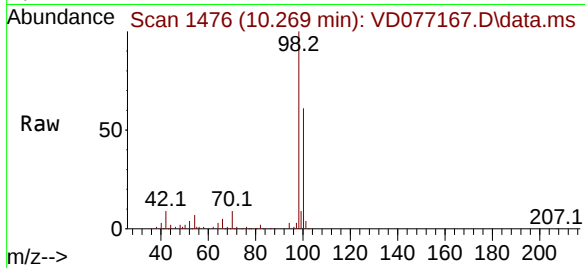




#50
Toluene-d8
Concen: 51.768 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077167.D
Acq: 20 Sep 2023 15:20

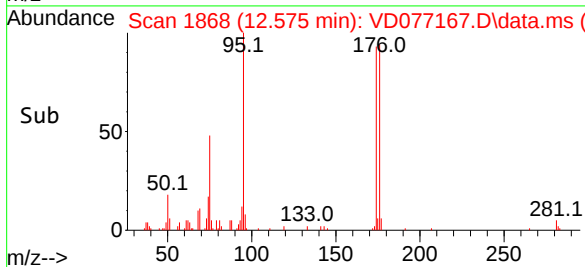
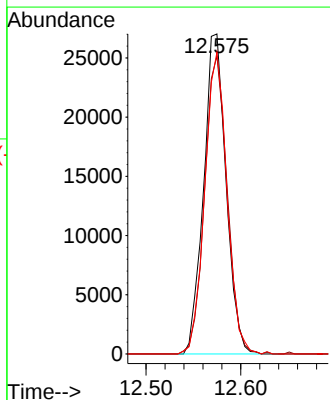
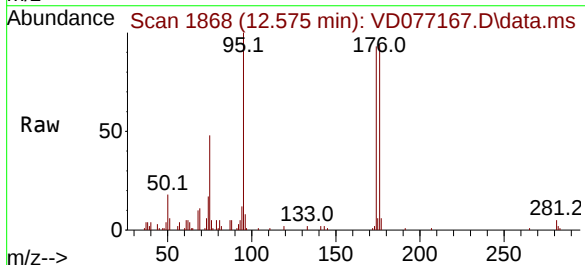
Instrument :
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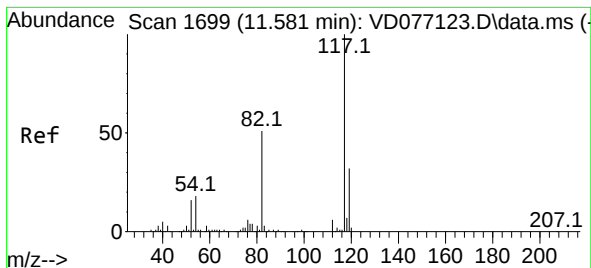
Tgt Ion: 98 Resp: 130121
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 57.116 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077167.D
Acq: 20 Sep 2023 15:20

Tgt Ion: 95 Resp: 44497
Ion Ratio Lower Upper
95 100
174 93.3 0.0 201.8
176 93.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077167.D

Acq: 20 Sep 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

DIRTY-PILE-3

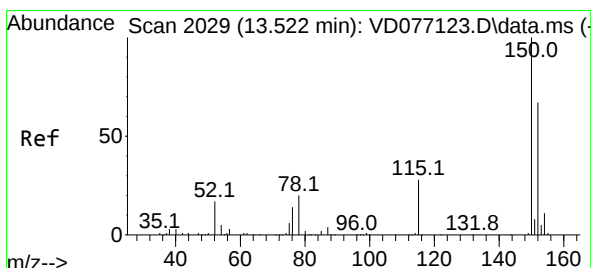
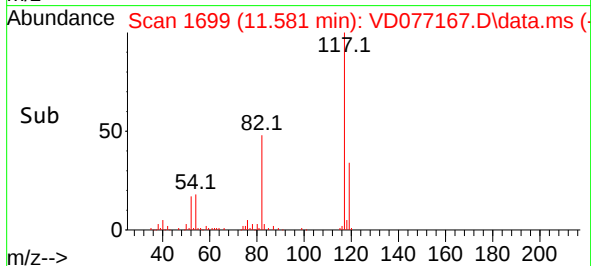
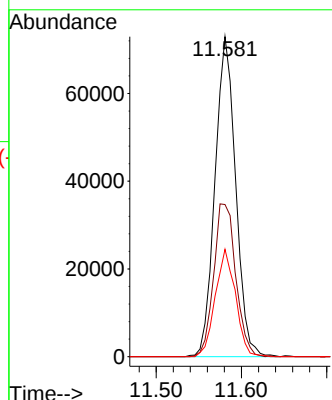
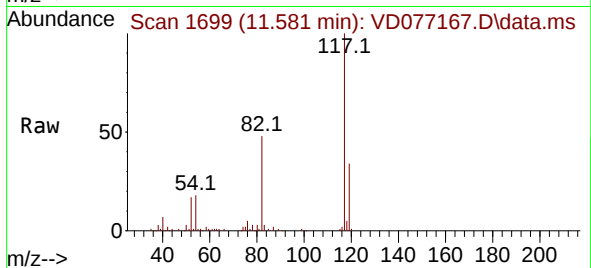
Tgt Ion:117 Resp: 122808

Ion Ratio Lower Upper

117 100

82 47.5 38.3 57.5

119 33.6 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD077167.D

Acq: 20 Sep 2023 15:20

Tgt Ion:152 Resp: 44844

Ion Ratio Lower Upper

152 100

115 55.4 27.1 81.3

150 157.2 0.0 353.6

