

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074946.D
 Acq On : 16 Nov 2022 14:03
 Operator : VA/SY
 Sample : N5642-01
 Misc : 6.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE-21

Quant Time: Nov 17 00:20:48 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	7.881	168	136093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	247163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	219922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	86676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76161	88.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.640%#
35) Dibromofluoromethane	7.810	113	90486	59.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.780%
50) Toluene-d8	10.269	98	322613	64.281	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	128.560%
62) 4-Bromofluorobenzene	12.575	95	90484	58.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.420%

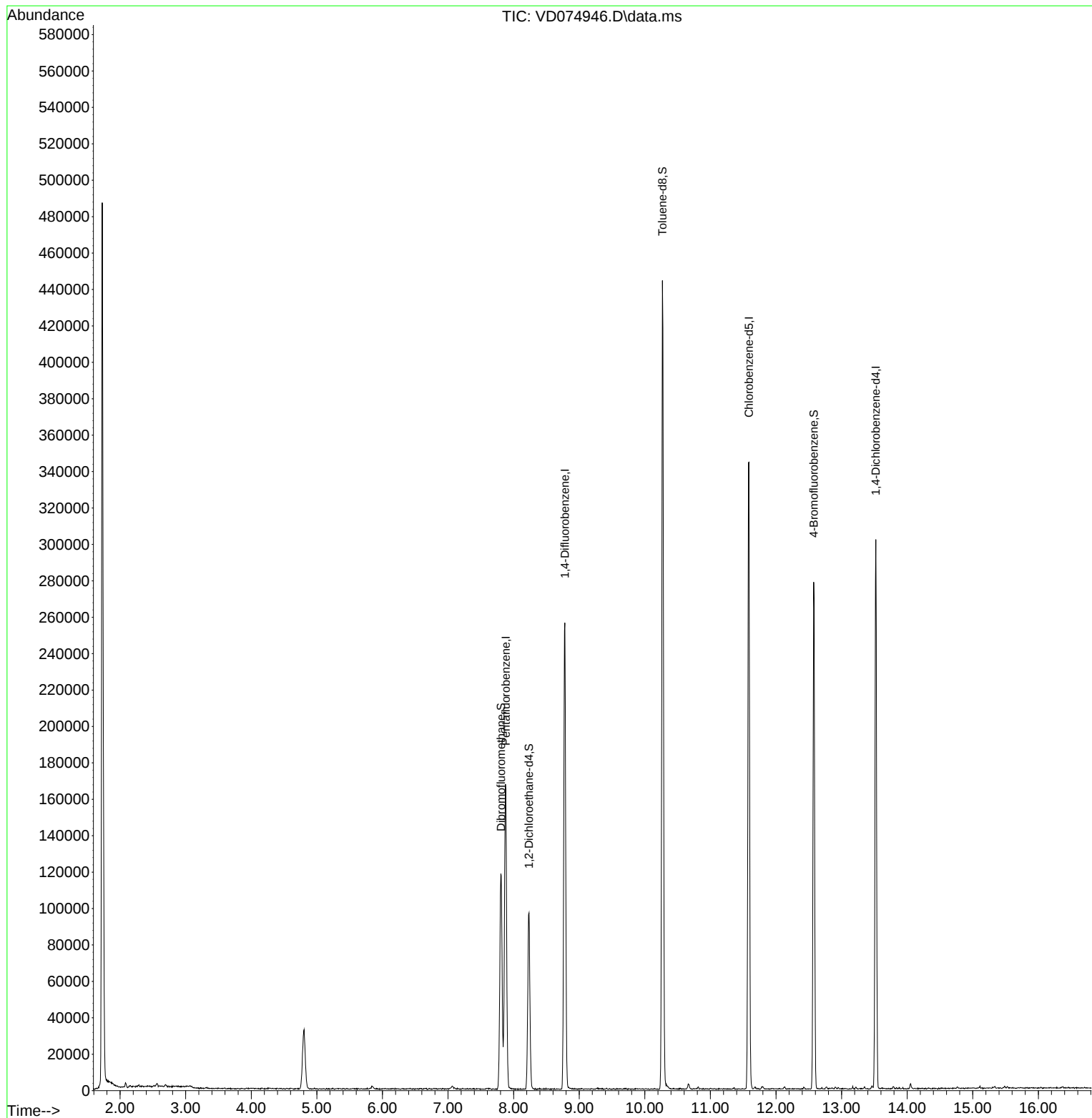
Target Compounds	Qvalue

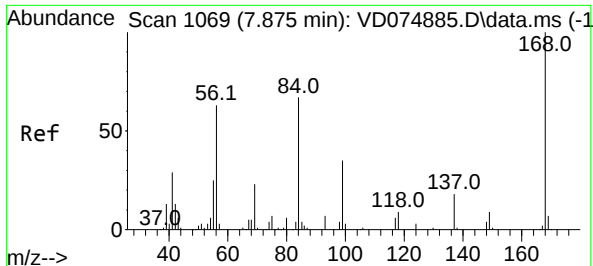
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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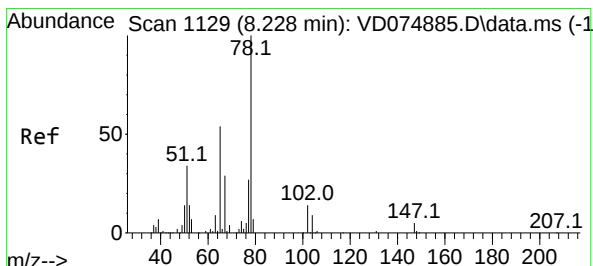
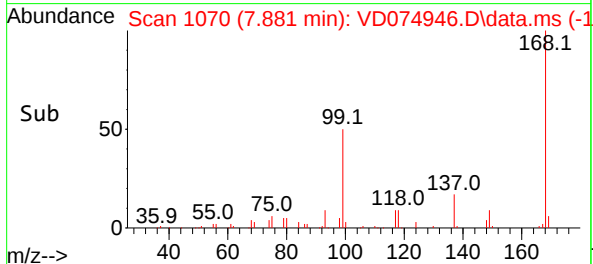
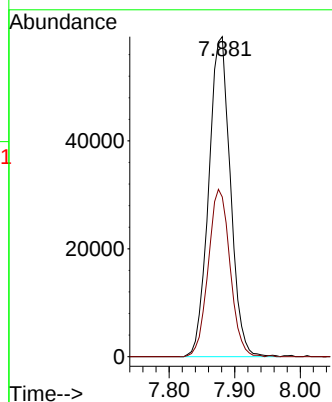
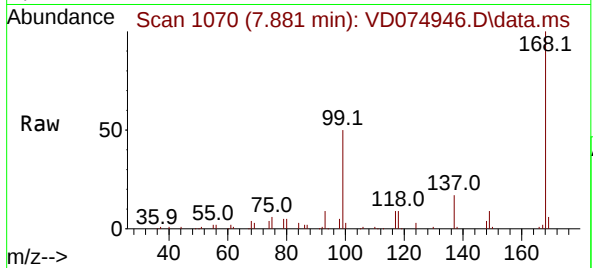




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074946.D
Acq: 16 Nov 2022 14:03

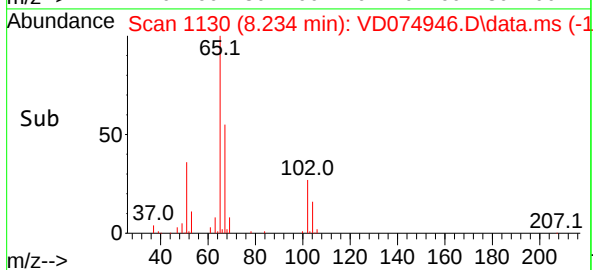
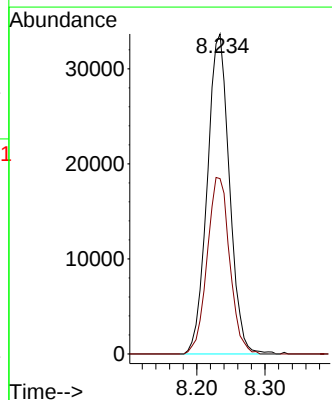
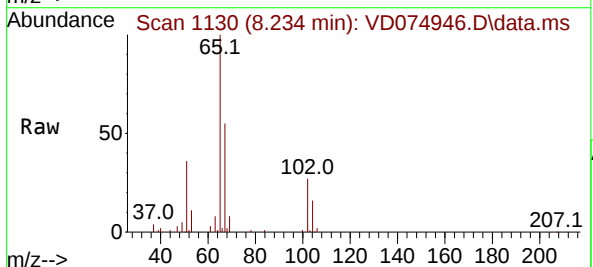
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-21

Tgt Ion:168 Resp: 136093
Ion Ratio Lower Upper
168 100
99 49.9 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 88.822 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074946.D
Acq: 16 Nov 2022 14:03

Tgt Ion: 65 Resp: 76161
Ion Ratio Lower Upper
65 100
67 56.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074946.D

Acq: 16 Nov 2022 14:03

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE-21

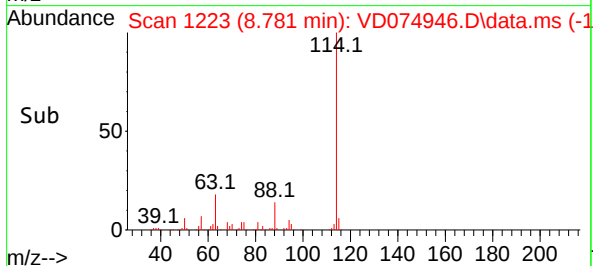
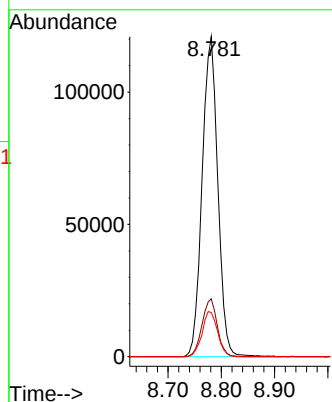
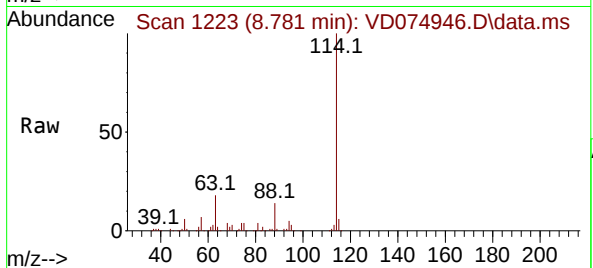
Tgt Ion:114 Resp: 247163

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 59.390 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074946.D

Acq: 16 Nov 2022 14:03

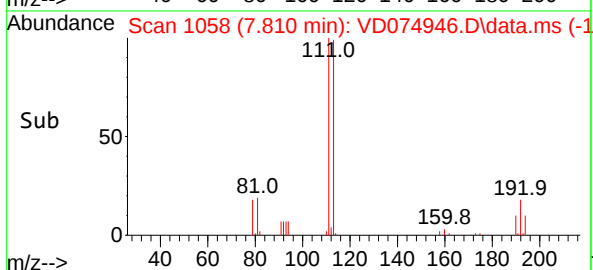
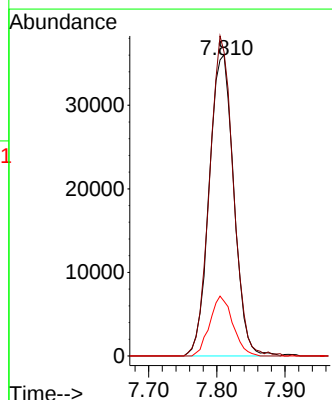
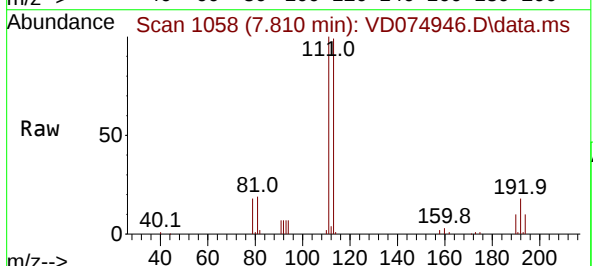
Tgt Ion:113 Resp: 90486

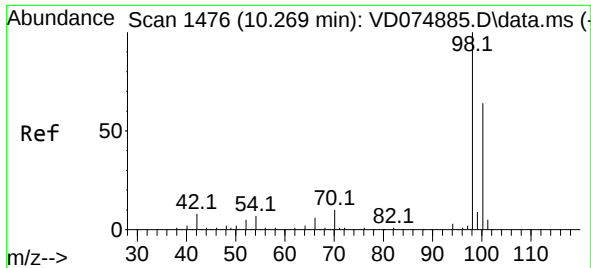
Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

192 18.6 16.4 24.6

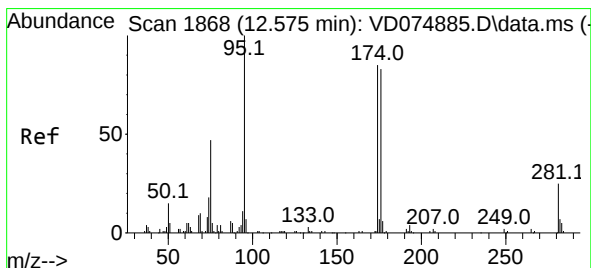
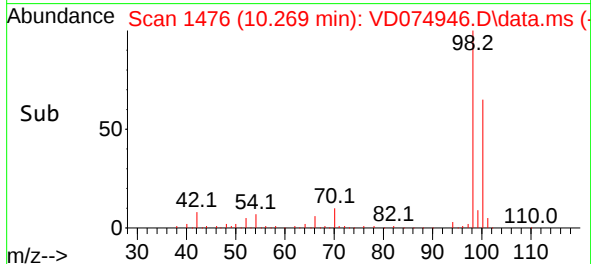
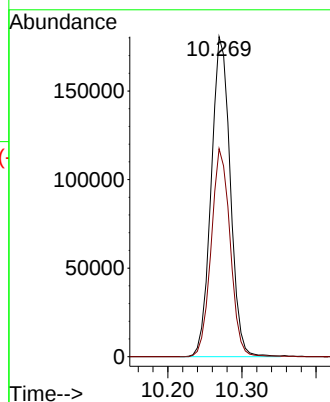
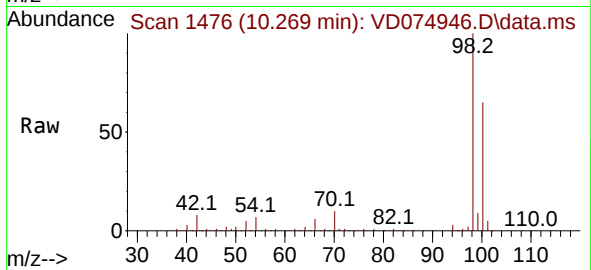




#50
Toluene-d8
Concen: 64.281 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074946.D
Acq: 16 Nov 2022 14:03

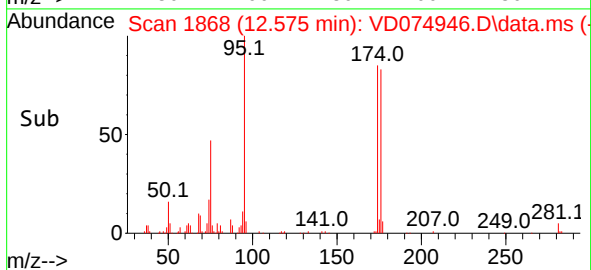
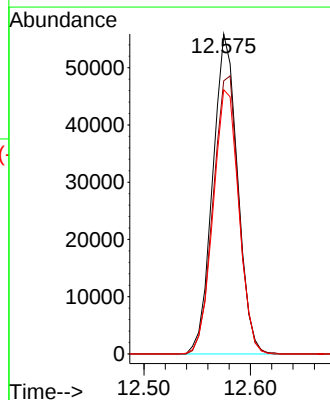
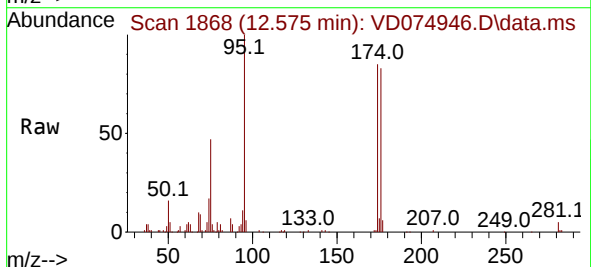
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Tgt Ion: 98 Resp: 322613
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 58.714 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074946.D
Acq: 16 Nov 2022 14:03

Tgt Ion: 95 Resp: 90484
Ion Ratio Lower Upper
95 100
174 89.6 0.0 197.0
176 85.5 0.0 182.6

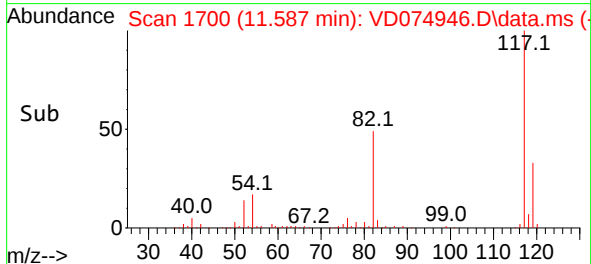
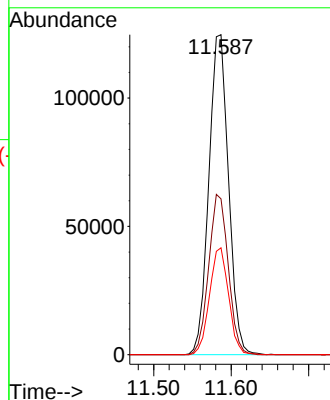
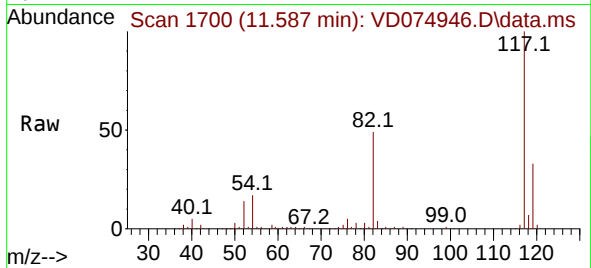




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074946.D
Acq: 16 Nov 2022 14:03

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE-21

Tgt Ion:117 Resp: 219922
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 33.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074946.D
Acq: 16 Nov 2022 14:03

Tgt Ion:152 Resp: 86676
Ion Ratio Lower Upper
152 100
115 57.1 26.8 80.4
150 157.4 0.0 348.2

