

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074950.D
 Acq On : 16 Nov 2022 15:53
 Operator : VA/SY
 Sample : N5642-05
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RIGHT-SIDE-FLATS-25

Quant Time: Nov 17 00:21:20 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	3830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	8169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	8015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3109	131.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 263.740%#	
35) Dibromofluoromethane	7.804	113	3115	61.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.720%	
50) Toluene-d8	10.269	98	8929	53.829	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.575	95	2654	52.106	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.220%	

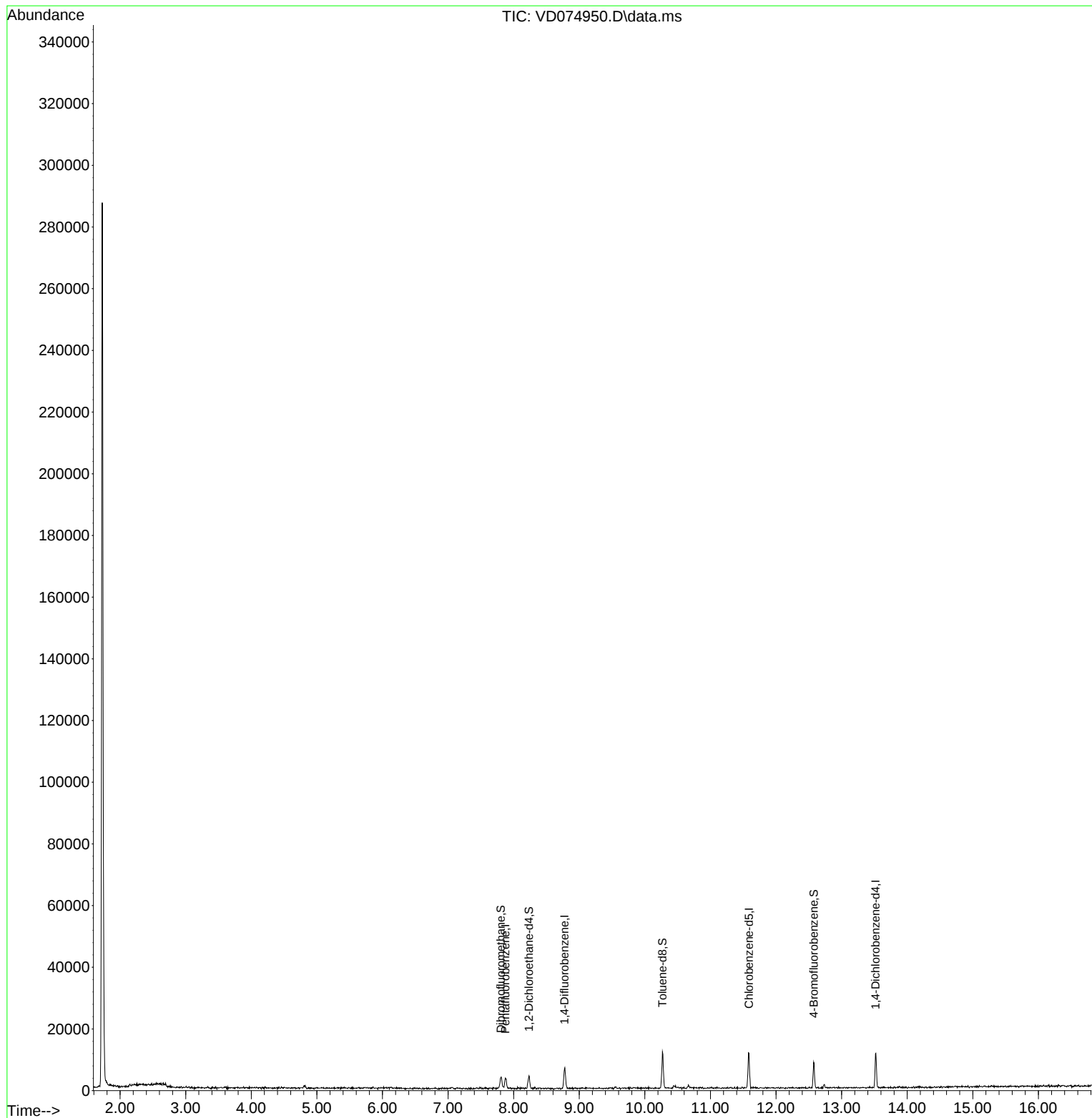
Target Compounds	Qvalue

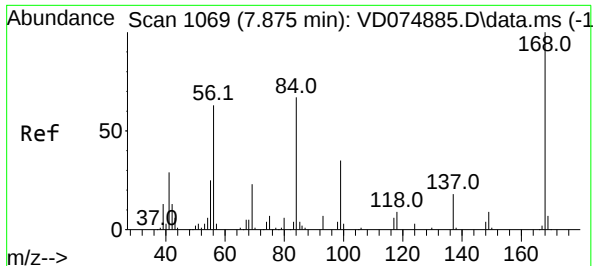
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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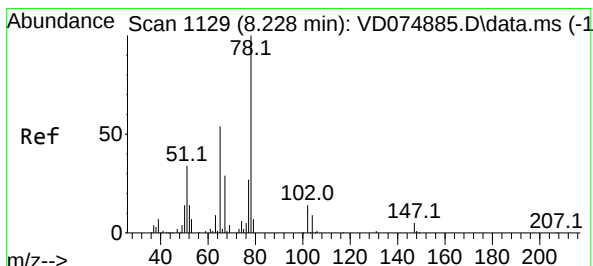
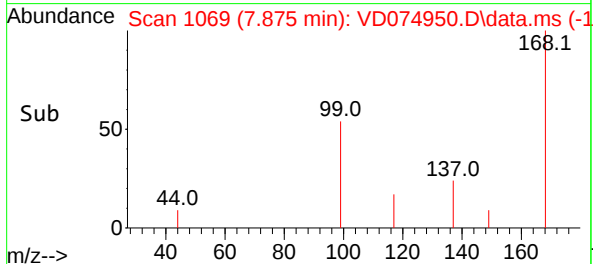
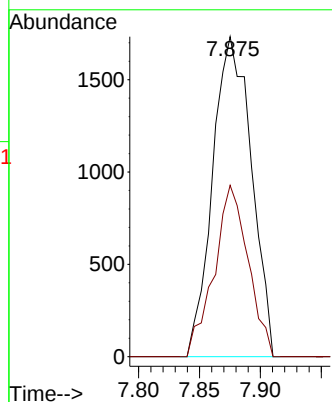
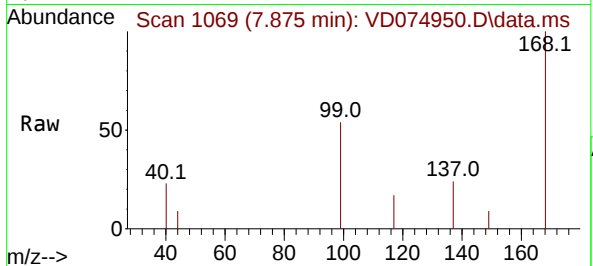




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

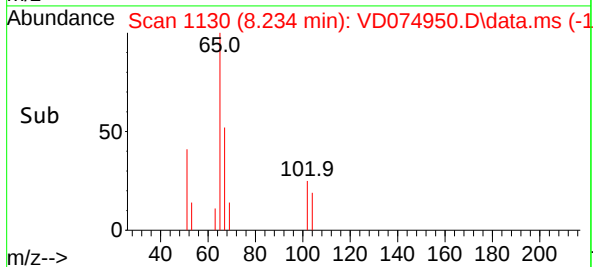
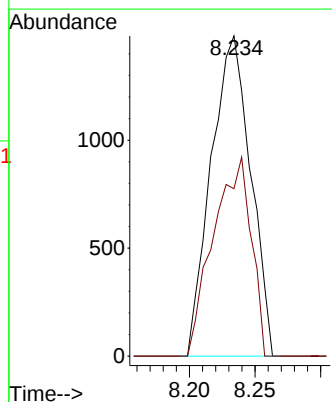
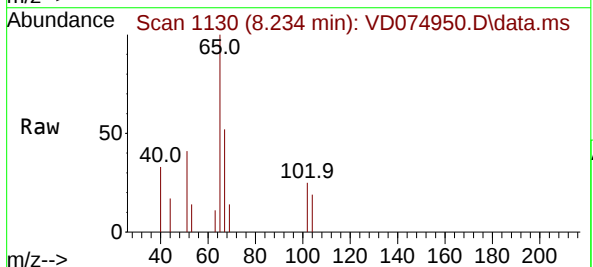
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

Tgt Ion:168 Resp: 3830
Ion Ratio Lower Upper
168 100
99 53.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 131.867 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

Tgt Ion: 65 Resp: 3109
Ion Ratio Lower Upper
65 100
67 59.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074950.D

Acq: 16 Nov 2022 15:53

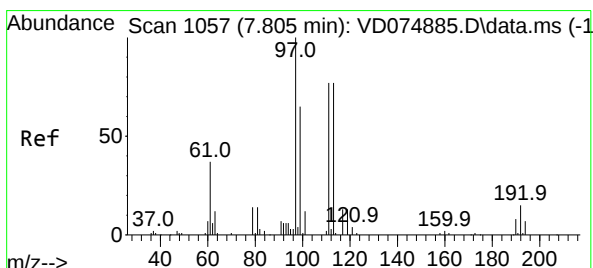
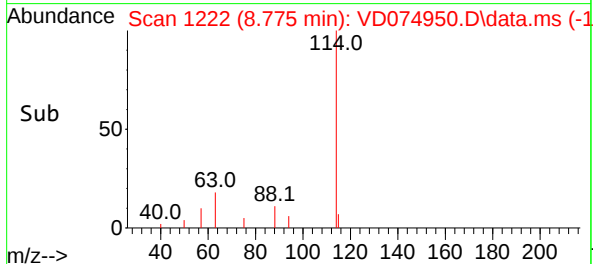
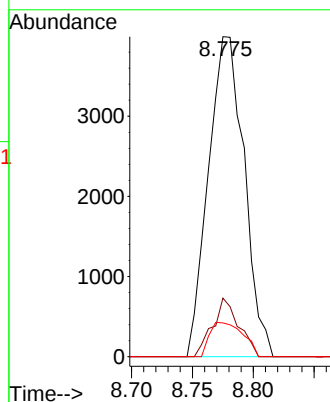
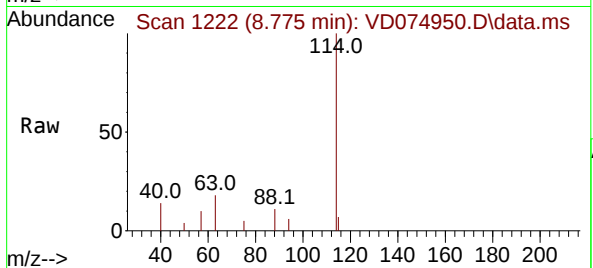
Instrument :

MSVOA_D

ClientSampleId :

RIGHT-SIDE-FLATS-25

Tgt Ion:	114	Resp:	8169
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	33.2
88	10.6	0.0	28.2



#35

Dibromofluoromethane

Concen: 61.859 ug/l

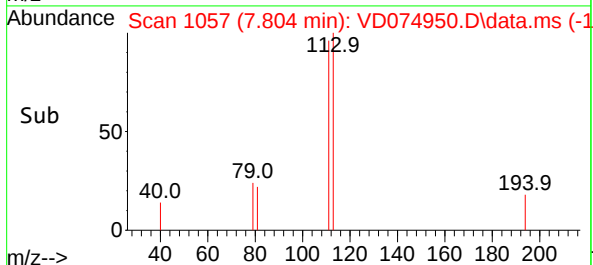
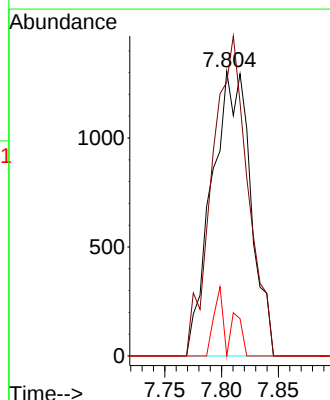
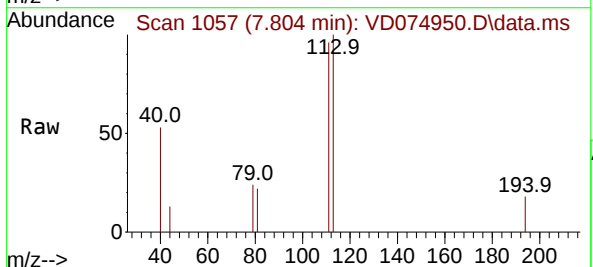
RT: 7.804 min Scan# 1057

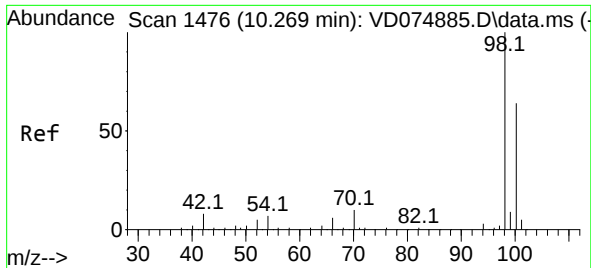
Delta R.T. -0.001 min

Lab File: VD074950.D

Acq: 16 Nov 2022 15:53

Tgt Ion:	113	Resp:	3115
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.3	123.5
192	5.6	16.4	24.6

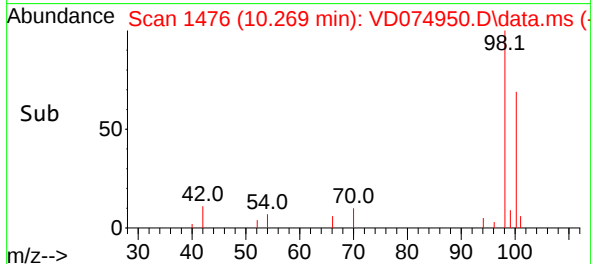
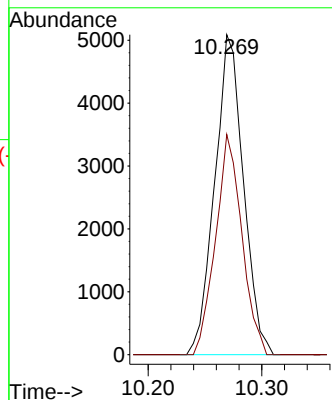
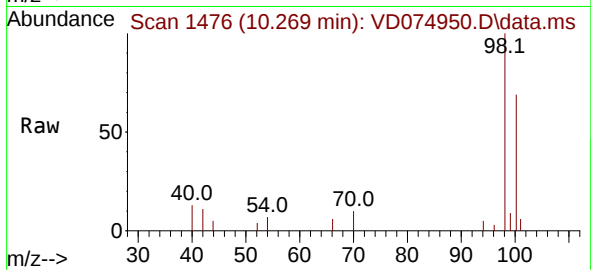




#50
Toluene-d8
Concen: 53.829 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

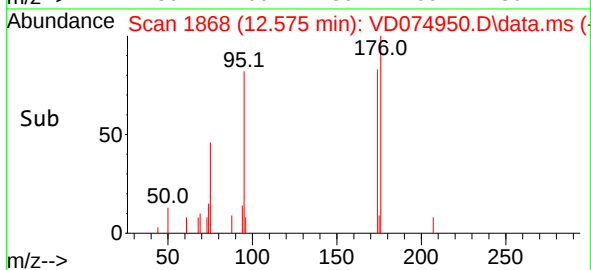
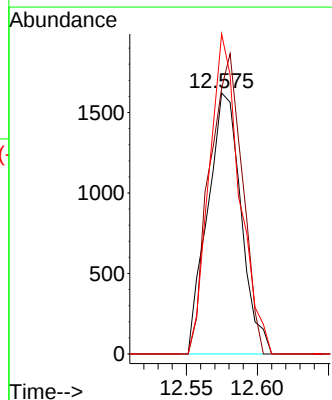
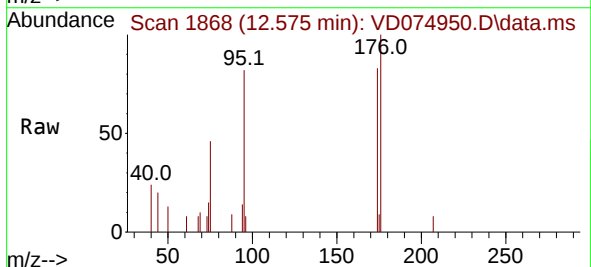
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

Tgt Ion: 98 Resp: 8929
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.106 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

Tgt Ion: 95 Resp: 2654
Ion Ratio Lower Upper
95 100
174 112.7 0.0 197.0
176 112.2 0.0 182.6

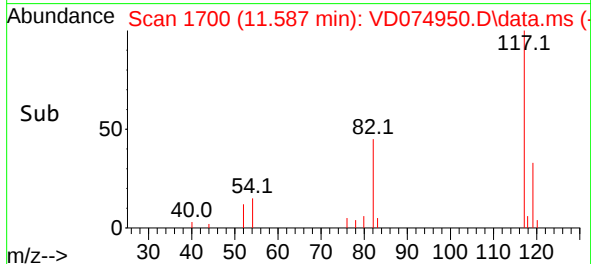
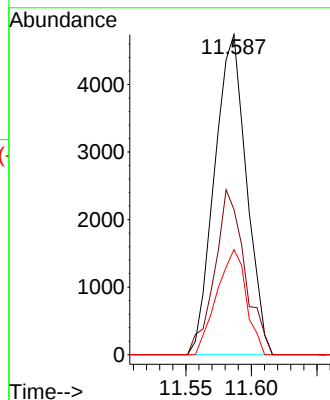
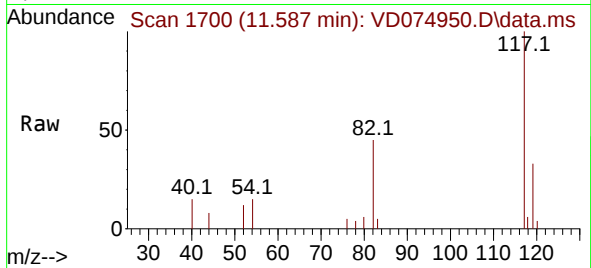




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD074950.D
Acq: 16 Nov 2022 15:53

Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	45.4	41.6	62.4
119	32.9	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: VD074950.D
Acq: 16 Nov 2022 15:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	26.8	80.4
150	158.4	0.0	348.2

