

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074929.D
 Acq On : 14 Nov 2022 12:45
 Operator : VA/SY
 Sample : N5545-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-1-110922RE

Quant Time: Nov 15 00:16:04 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	2357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	5104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	5042	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2745	192.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 384.220%#	
35) Dibromofluoromethane	7.811	113	2031	64.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.100%	
50) Toluene-d8	10.275	98	6315	60.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.860%	
62) 4-Bromofluorobenzene	12.569	95	2215	69.601	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 139.200%	

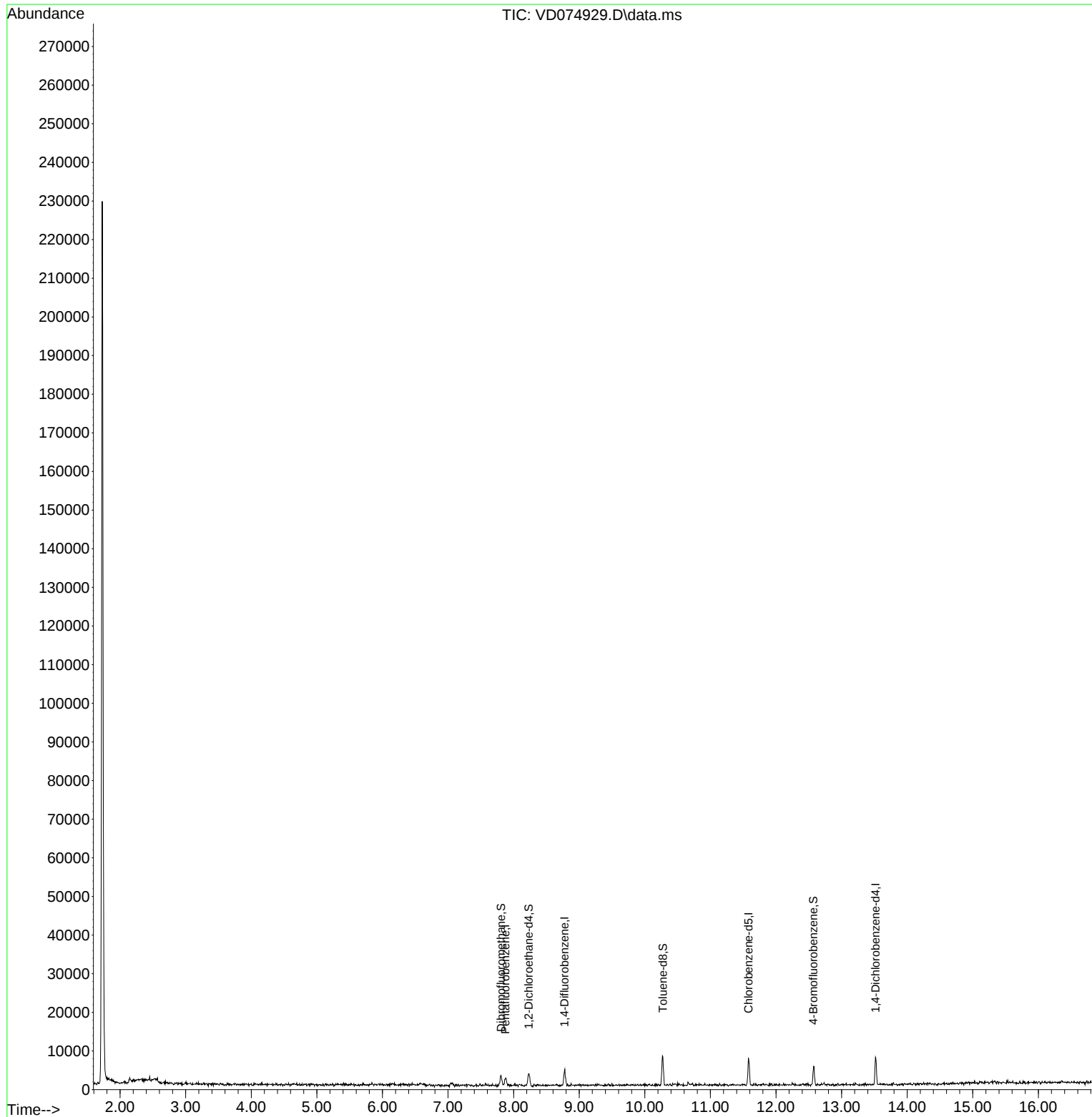
Target Compounds	Qvalue

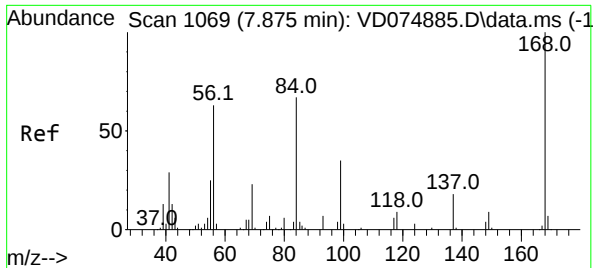
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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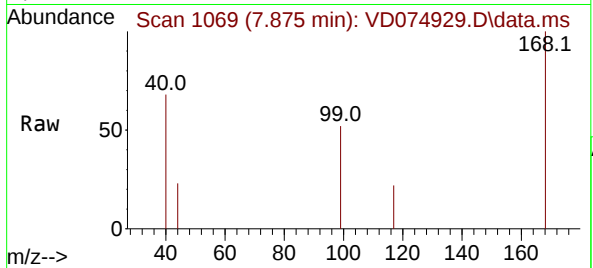
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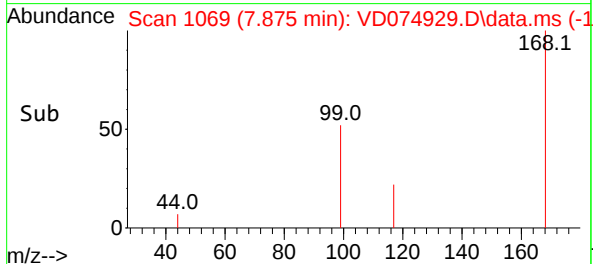
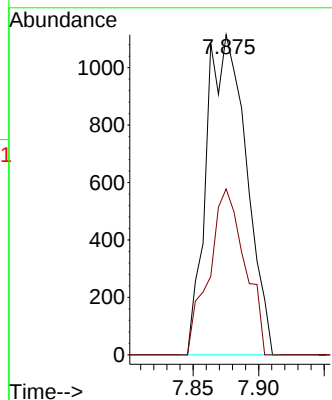


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074929.D
Acq: 14 Nov 2022 12:45

Instrument :
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CL-1-110922RE

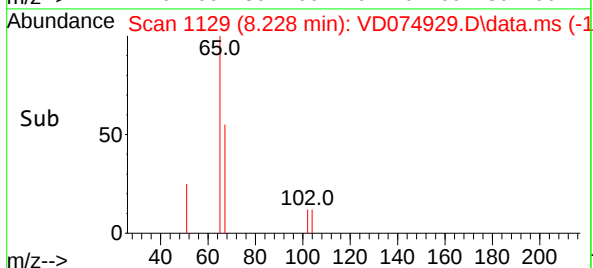
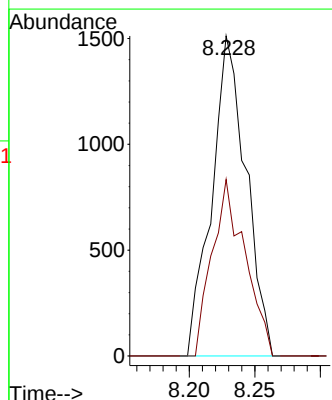
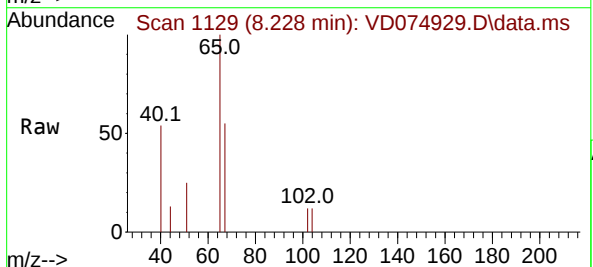


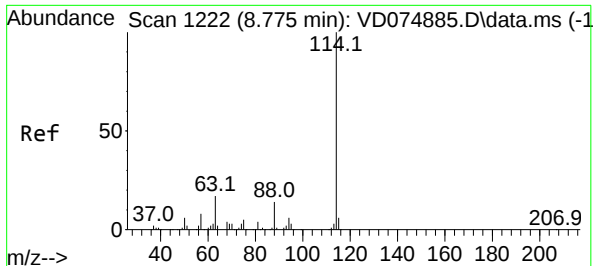
Tgt Ion:168 Resp: 2357
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 192.111 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074929.D
Acq: 14 Nov 2022 12:45

Tgt Ion: 65 Resp: 2745
Ion Ratio Lower Upper
65 100
67 53.1 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: VD074929.D

Acq: 14 Nov 2022 12:45

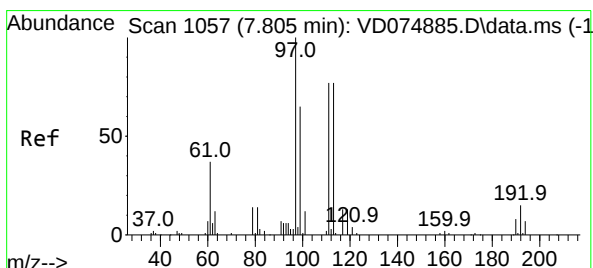
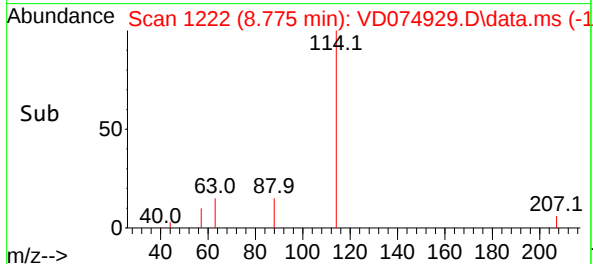
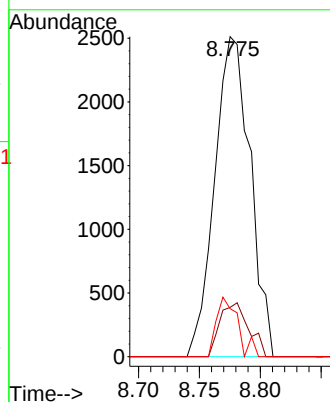
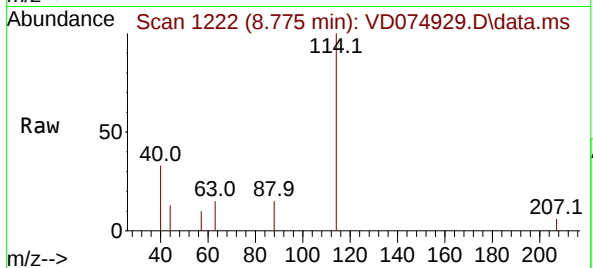
Instrument :

MSVOA_D

ClientSampleId :

CL-1-110922RE

Tgt Ion:114	Resp:	5104
Ion	Ratio	Lower Upper
114	100	
63	15.4	0.0 33.2
88	15.0	0.0 28.2



#35

Dibromofluoromethane

Concen: 64.553 ug/l

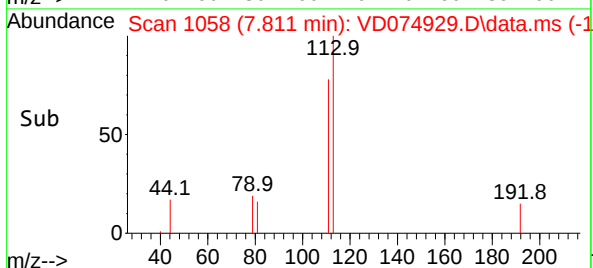
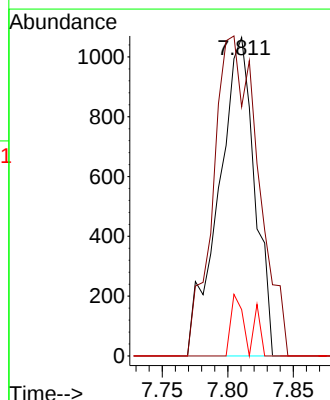
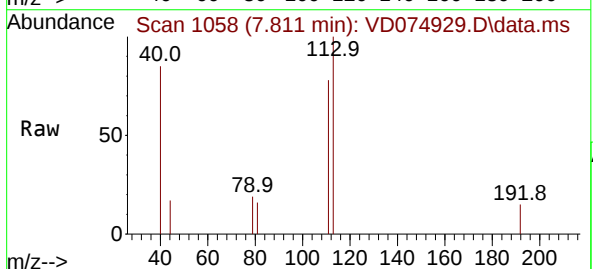
RT: 7.811 min Scan# 1058

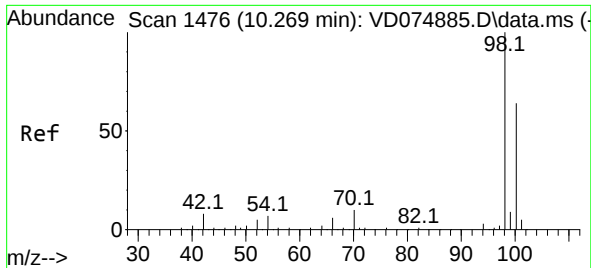
Delta R.T. 0.006 min

Lab File: VD074929.D

Acq: 14 Nov 2022 12:45

Tgt Ion:113	Resp:	2031
Ion	Ratio	Lower Upper
113	100	
111	125.4	82.3 123.5#
192	9.3	16.4 24.6#

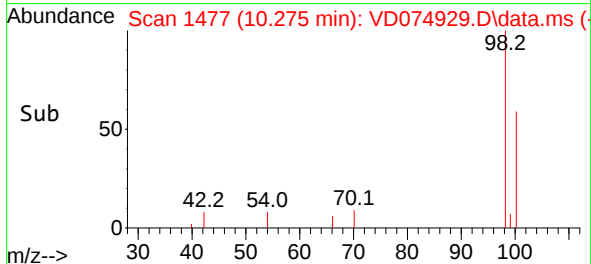
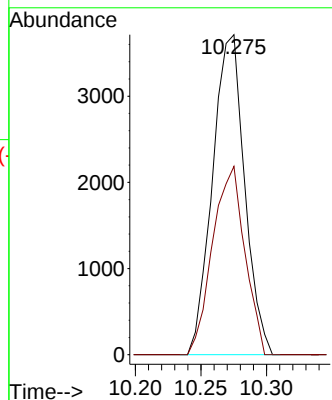
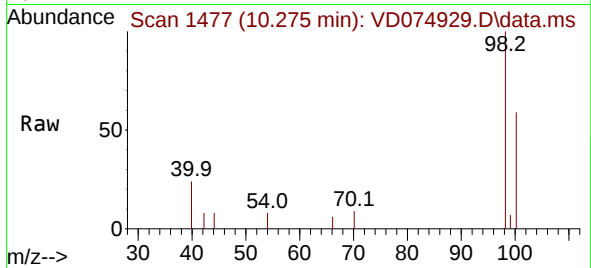




#50
Toluene-d8
Concen: 60.932 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074929.D
Acq: 14 Nov 2022 12:45

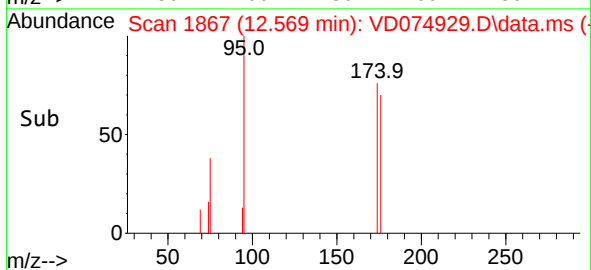
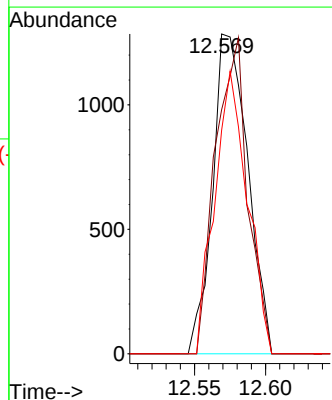
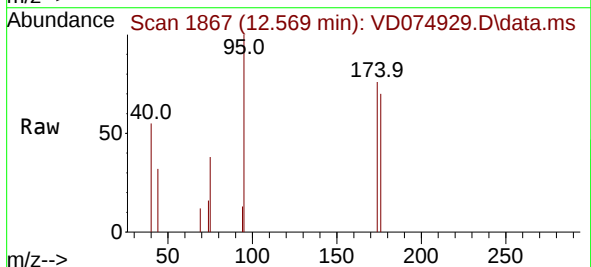
Instrument :
MSVOA_D
ClientSampleId :
CL-1-110922RE

Tgt Ion: 98 Resp: 6315
Ion Ratio Lower Upper
98 100
100 59.0 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 69.601 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074929.D
Acq: 14 Nov 2022 12:45

Tgt Ion: 95 Resp: 2215
Ion Ratio Lower Upper
95 100
174 90.9 0.0 197.0
176 82.3 0.0 182.6

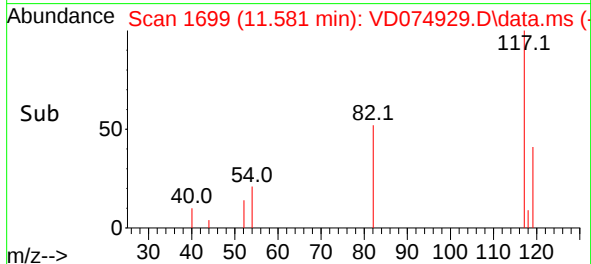
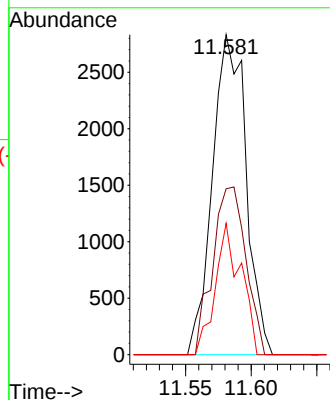
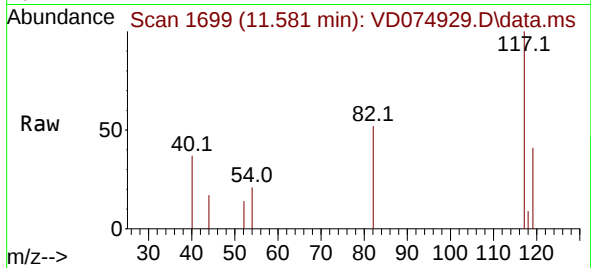




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074929.D
Acq: 14 Nov 2022 12:45

Instrument :
MSVOA_D
ClientSampleId :
CL-1-110922RE

Tgt Ion:117 Resp: 5042
Ion Ratio Lower Upper
117 100
82 51.9 41.6 62.4
119 41.1 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: VD074929.D
Acq: 14 Nov 2022 12:45

Tgt Ion:152 Resp: 2477
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 159.4 0.0 348.2

