

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074835.D
 Acq On : 09 Nov 2022 18:28
 Operator : VA/SY
 Sample : N5511-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-03-110722

Quant Time: Nov 10 00:37:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	202511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	325291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110783	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60377	37.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.280%
35) Dibromofluoromethane	7.805	113	88389	45.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.860%
50) Toluene-d8	10.269	98	244449	34.827	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.660%
62) 4-Bromofluorobenzene	12.575	95	73718	36.375	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.740%

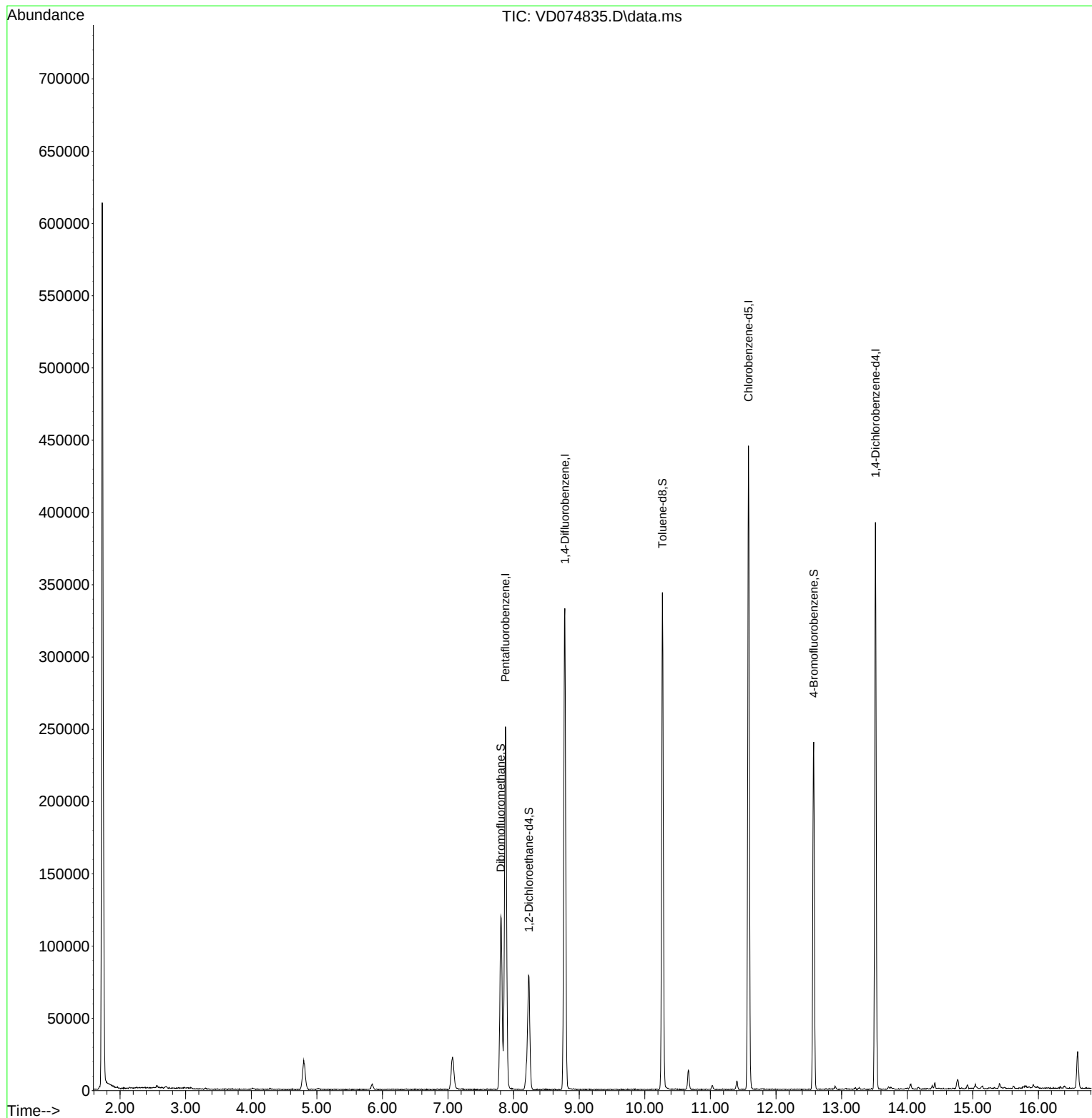
Target Compounds	Qvalue

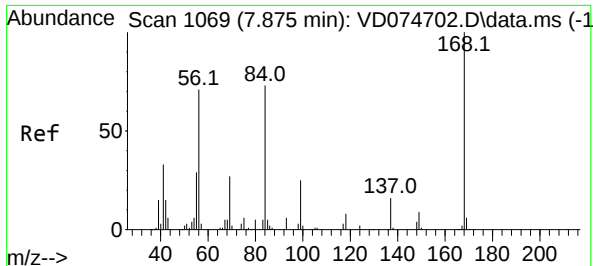
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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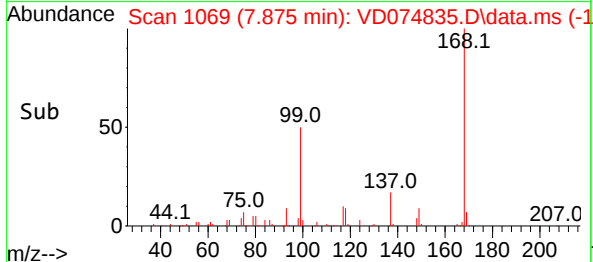
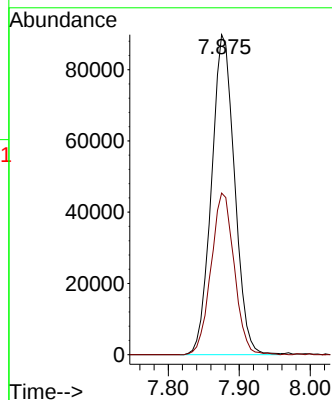
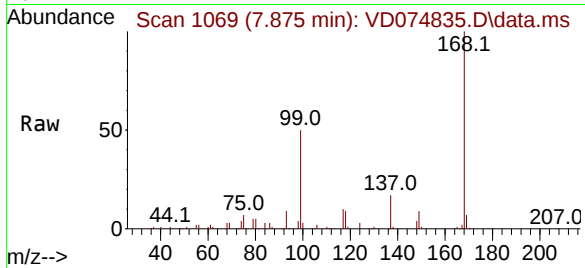




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

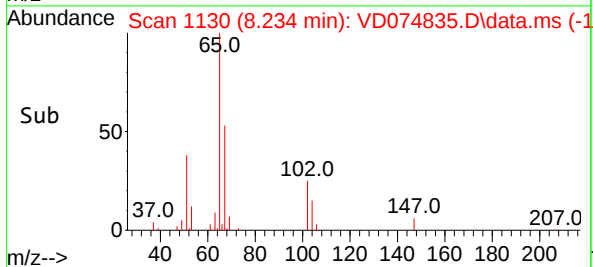
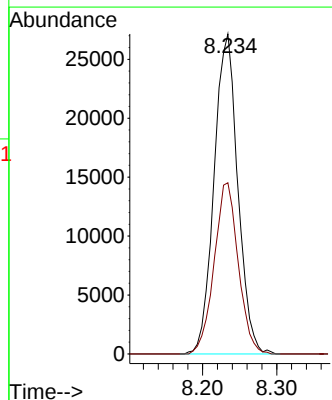
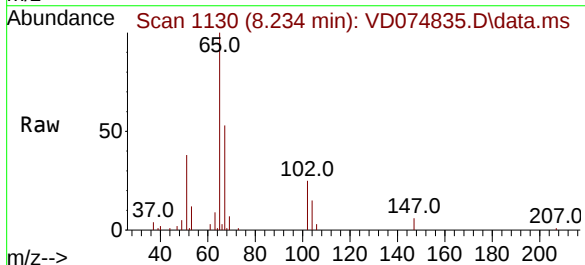
Instrument :
MSVOA_D
ClientSampleId :
PL-03-110722

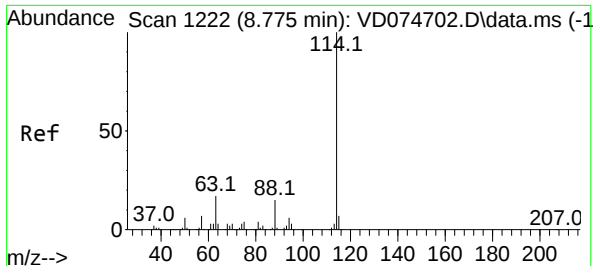
Tgt Ion:168 Resp: 202511
Ion Ratio Lower Upper
168 100
99 50.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 37.643 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

Tgt Ion: 65 Resp: 60377
Ion Ratio Lower Upper
65 100
67 54.3 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: VD074835.D

Acq: 09 Nov 2022 18:28

Instrument :

MSVOA_D

ClientSampleId :

PL-03-110722

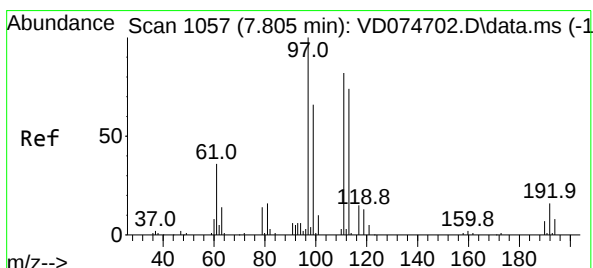
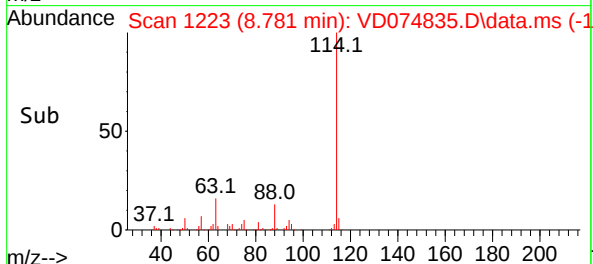
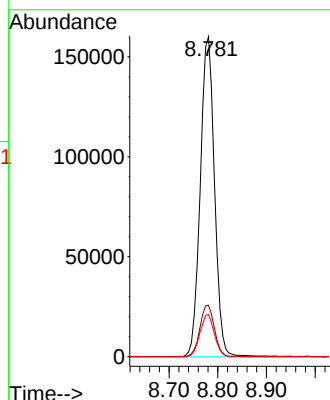
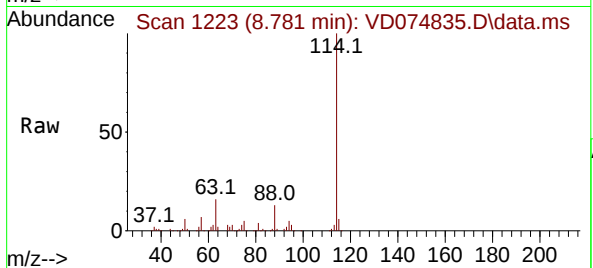
Tgt Ion:114 Resp: 325291

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 45.935 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074835.D

Acq: 09 Nov 2022 18:28

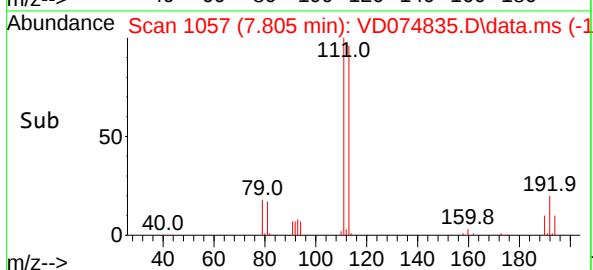
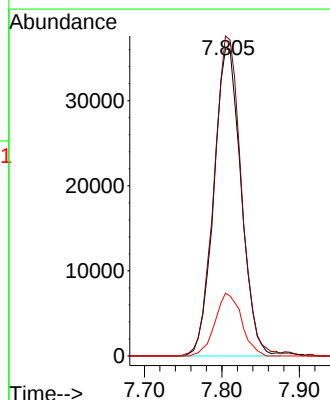
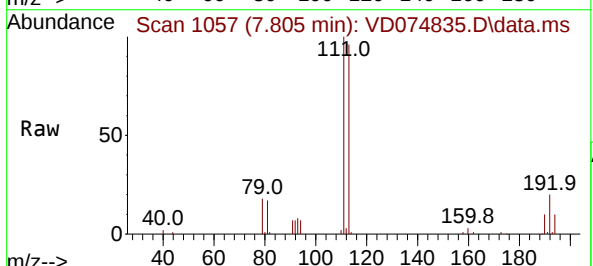
Tgt Ion:113 Resp: 88389

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 19.9 16.4 24.6

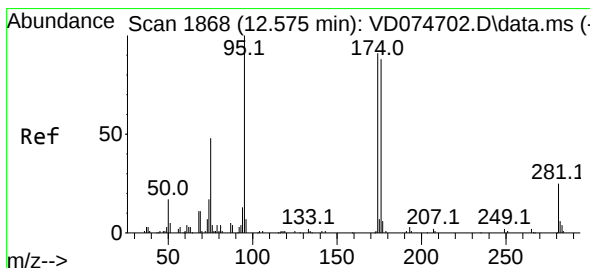
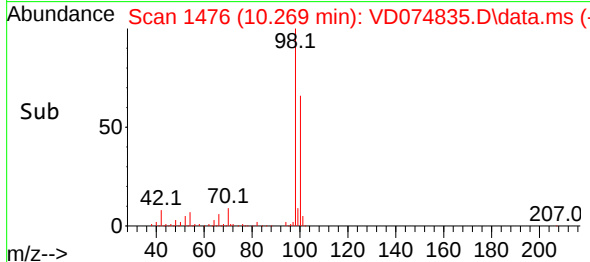
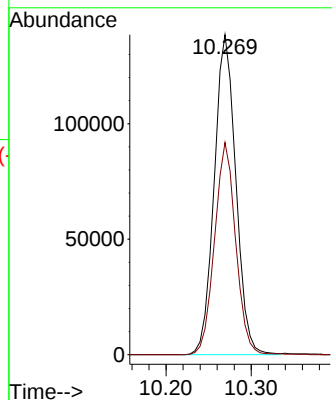
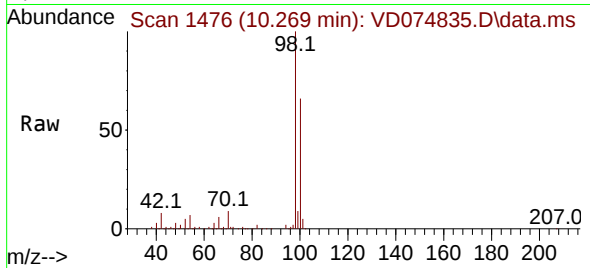




#50
Toluene-d8
Concen: 34.827 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

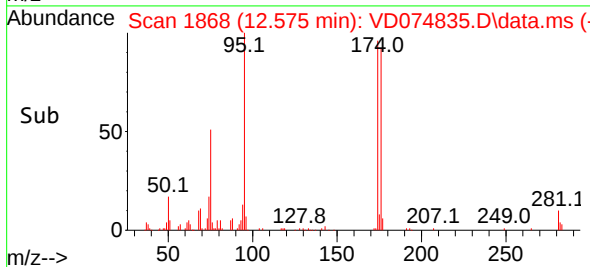
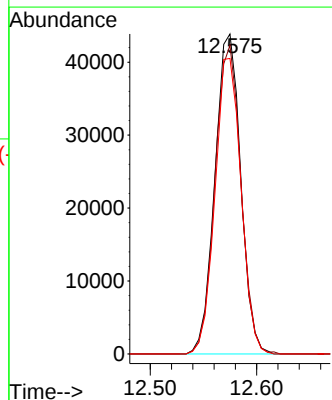
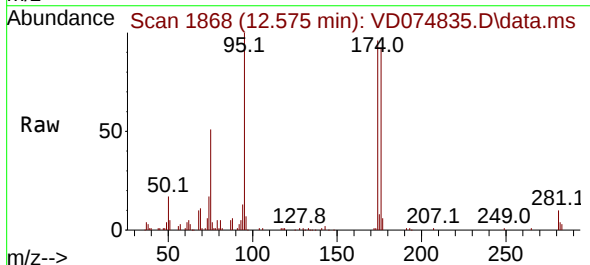
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Tgt Ion: 98 Resp: 244449
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 36.375 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

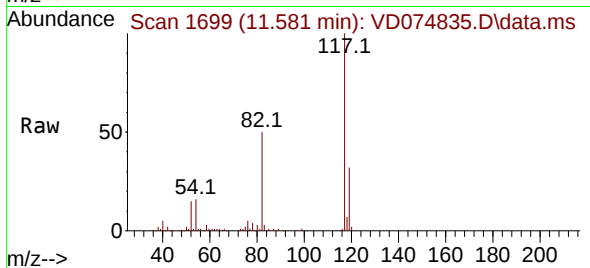
Tgt Ion: 95 Resp: 73718
Ion Ratio Lower Upper
95 100
174 96.8 0.0 197.0
176 93.2 0.0 182.6



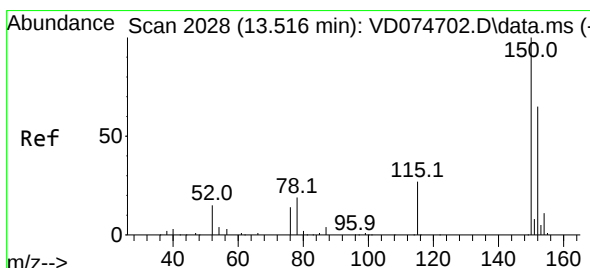
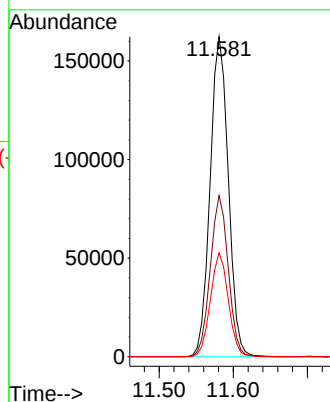
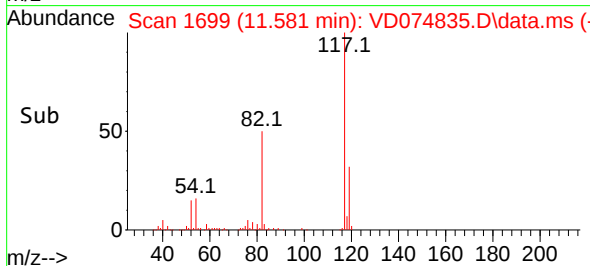


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074835.D
Acq: 09 Nov 2022 18:28

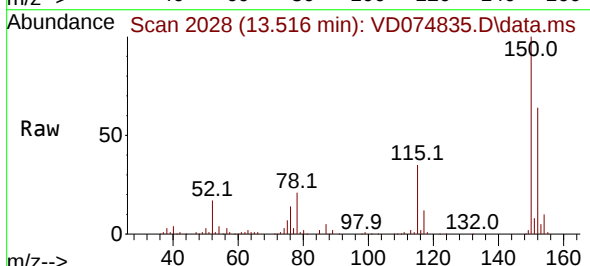
Instrument :
MSVOA_D
ClientSampleId :
PL-03-110722



Tgt Ion:117 Resp: 276920
Ion Ratio Lower Upper
117 100
82 50.4 41.6 62.4
119 32.5 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: VD074835.D
Acq: 09 Nov 2022 18:28



Tgt Ion:152 Resp: 110783
Ion Ratio Lower Upper
152 100
115 53.9 26.8 80.4
150 156.3 0.0 348.2

