

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074888.D
 Acq On : 11 Nov 2022 13:43
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Nov 14 00:54:55 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	171341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	258212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	230755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102331	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	56935	50.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.020%
35) Dibromofluoromethane	7.810	113	79128	49.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.269	98	242493	46.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.575	95	73966	45.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.880%

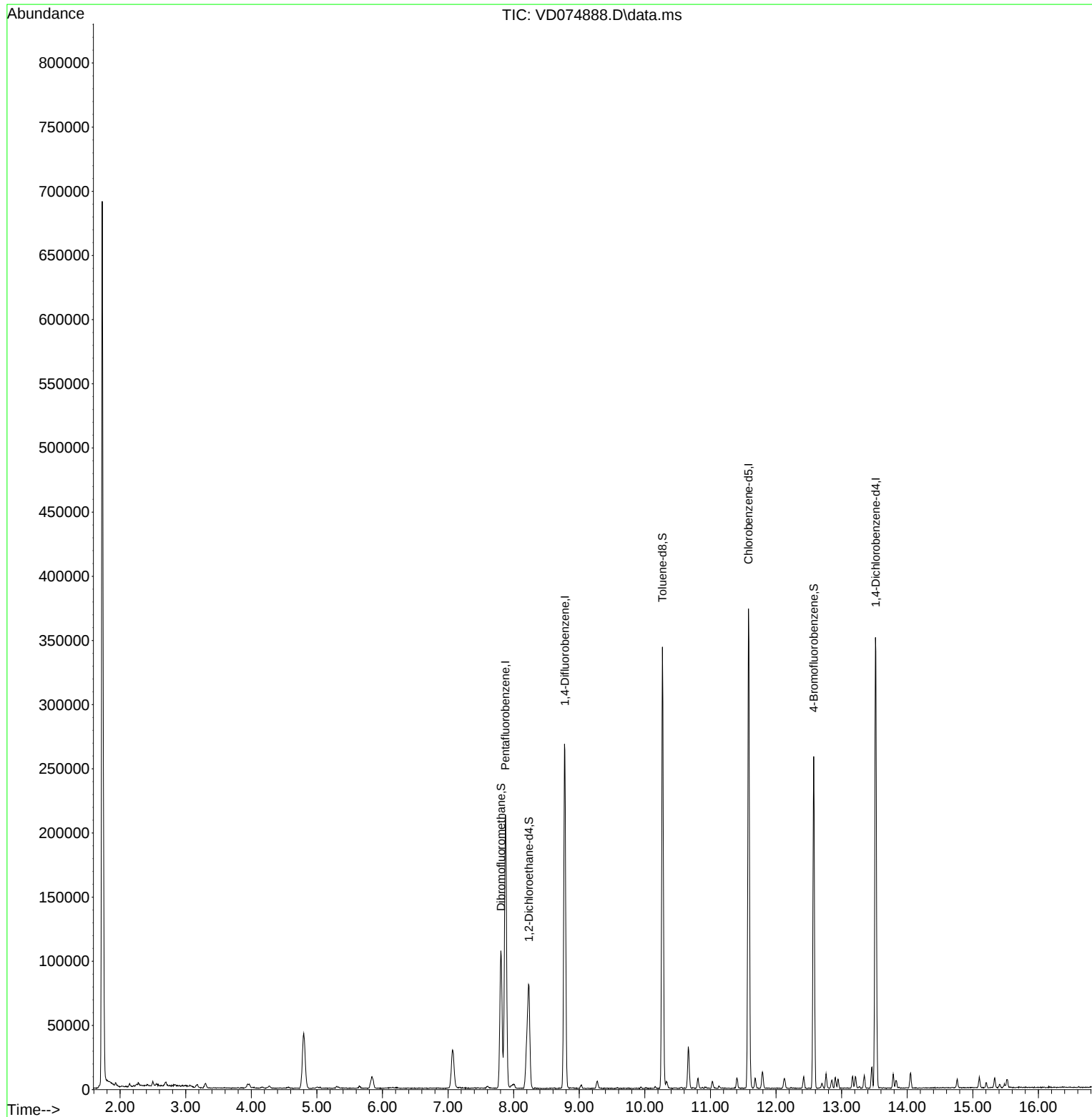
Target Compounds	Qvalue

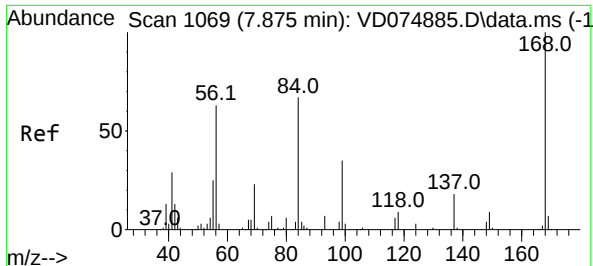
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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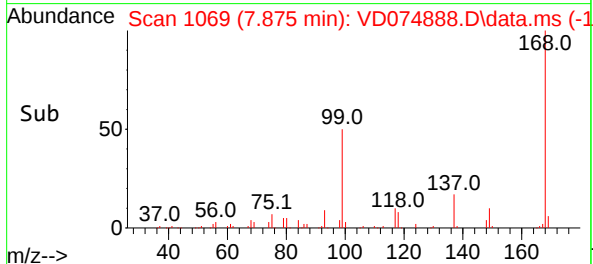
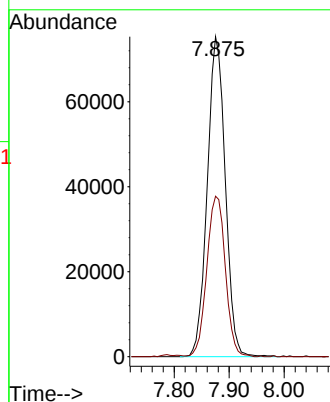
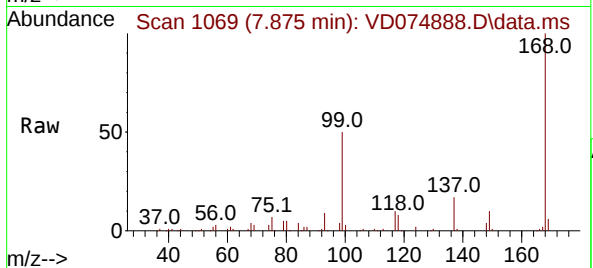




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074888.D
Acq: 11 Nov 2022 13:43

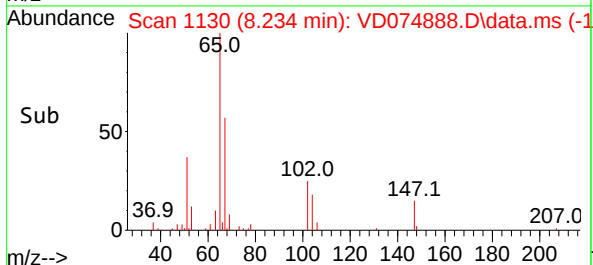
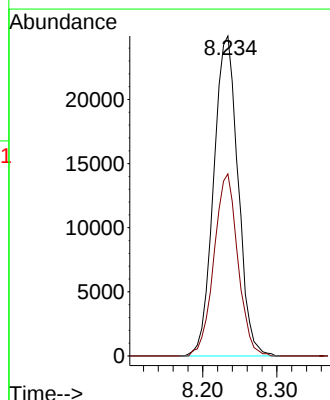
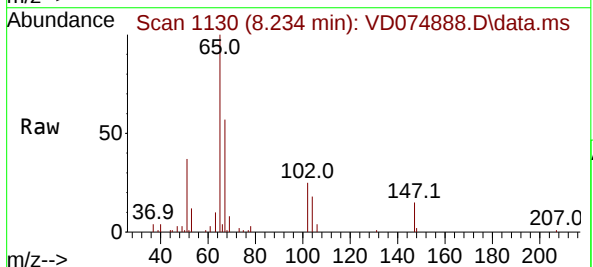
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

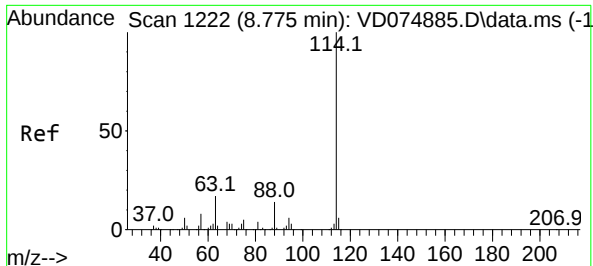
Tgt Ion:168 Resp: 171341
Ion Ratio Lower Upper
168 100
99 50.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 50.010 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074888.D
Acq: 11 Nov 2022 13:43

Tgt Ion: 65 Resp: 56935
Ion Ratio Lower Upper
65 100
67 55.9 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: VD074888.D

Acq: 11 Nov 2022 13:43

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

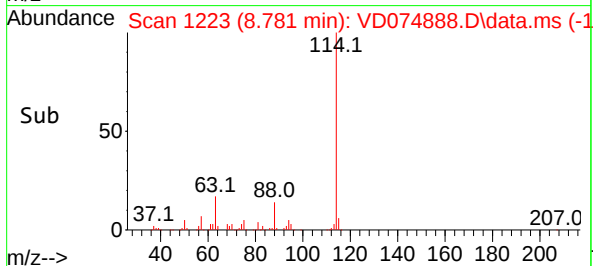
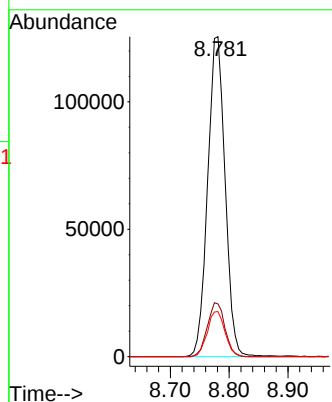
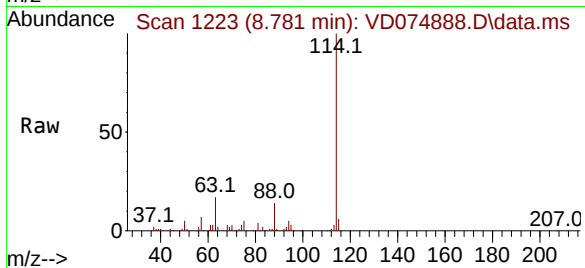
Tgt Ion:114 Resp: 258212

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 14.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 49.713 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074888.D

Acq: 11 Nov 2022 13:43

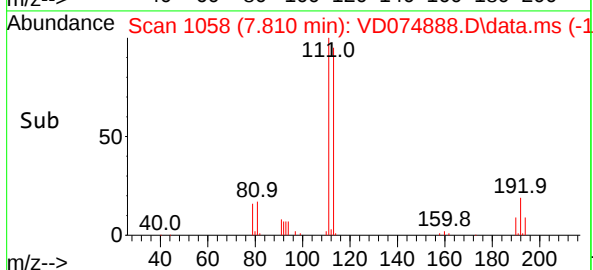
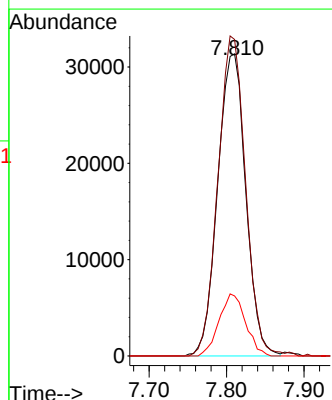
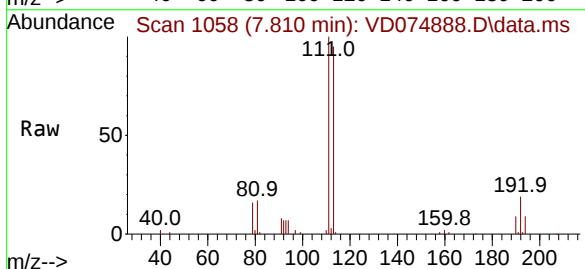
Tgt Ion:113 Resp: 79128

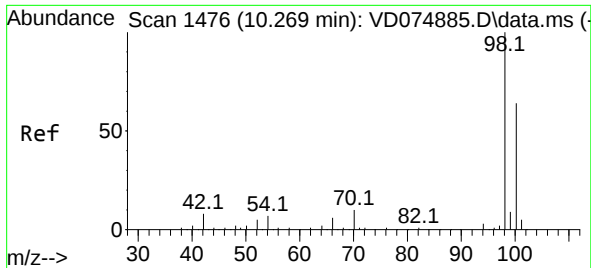
Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 19.4 16.4 24.6

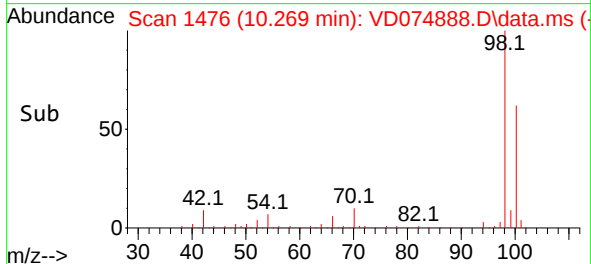
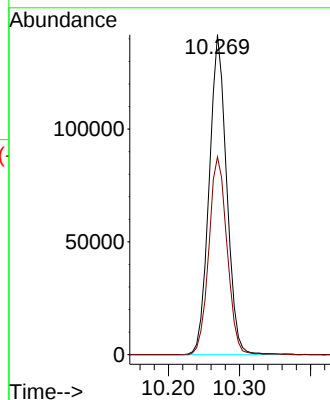
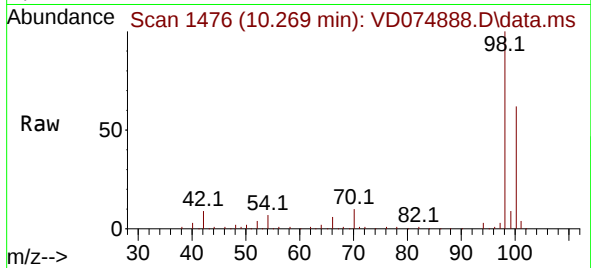




#50
Toluene-d8
Concen: 46.250 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074888.D
Acq: 11 Nov 2022 13:43

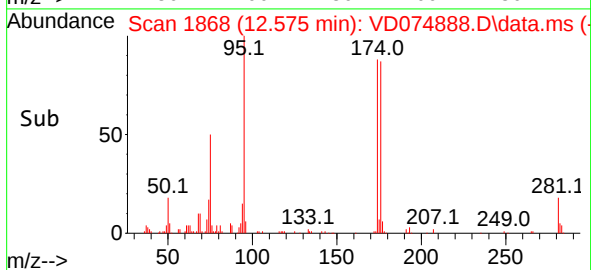
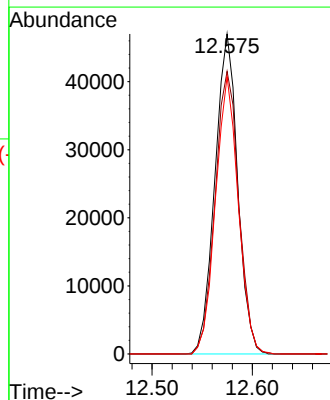
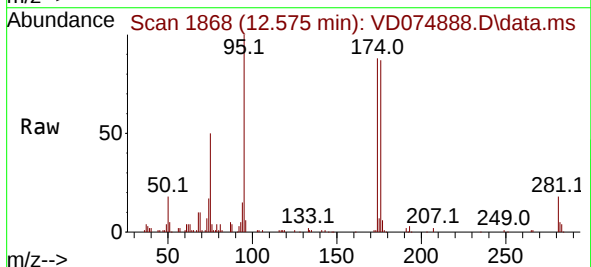
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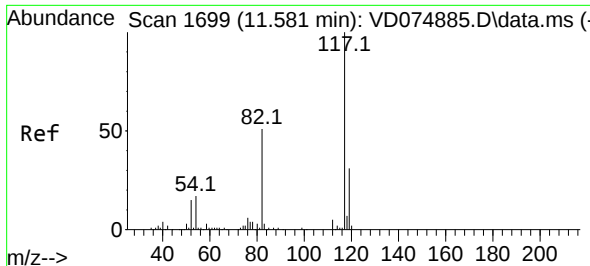
Tgt Ion: 98 Resp: 242493
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.942 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074888.D
Acq: 11 Nov 2022 13:43

Tgt Ion: 95 Resp: 73966
Ion Ratio Lower Upper
95 100
174 91.7 0.0 197.0
176 86.6 0.0 182.6

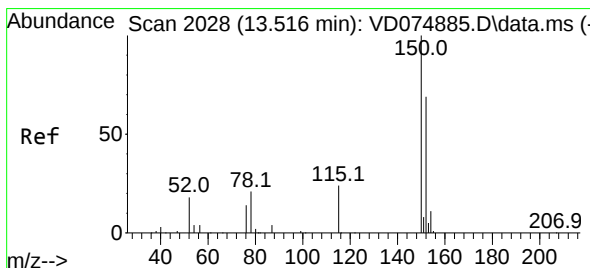
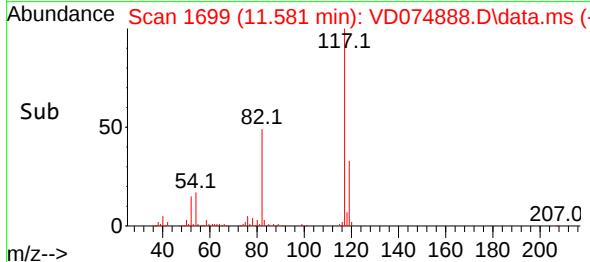
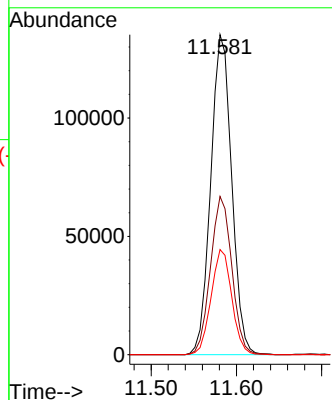
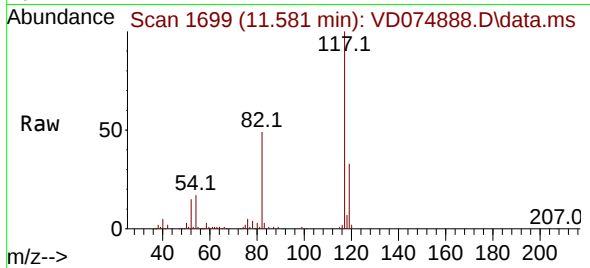




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074888.D
Acq: 11 Nov 2022 13:43

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 230755
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 32.8 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: VD074888.D
Acq: 11 Nov 2022 13:43

Tgt Ion:152 Resp: 102331
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 157.5 0.0 348.2

