

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074826.D
 Acq On : 09 Nov 2022 14:21
 Operator : VA/SY
 Sample : N5461-02RE
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TJRC-110222-G2RE

Quant Time: Nov 10 00:36:04 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	225527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	422170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	362476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134874	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75703	42.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.760%
35) Dibromofluoromethane	7.804	113	93418	37.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.820%
50) Toluene-d8	10.269	98	286746	31.478	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.960%
62) 4-Bromofluorobenzene	12.575	95	87505	33.269	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.540%

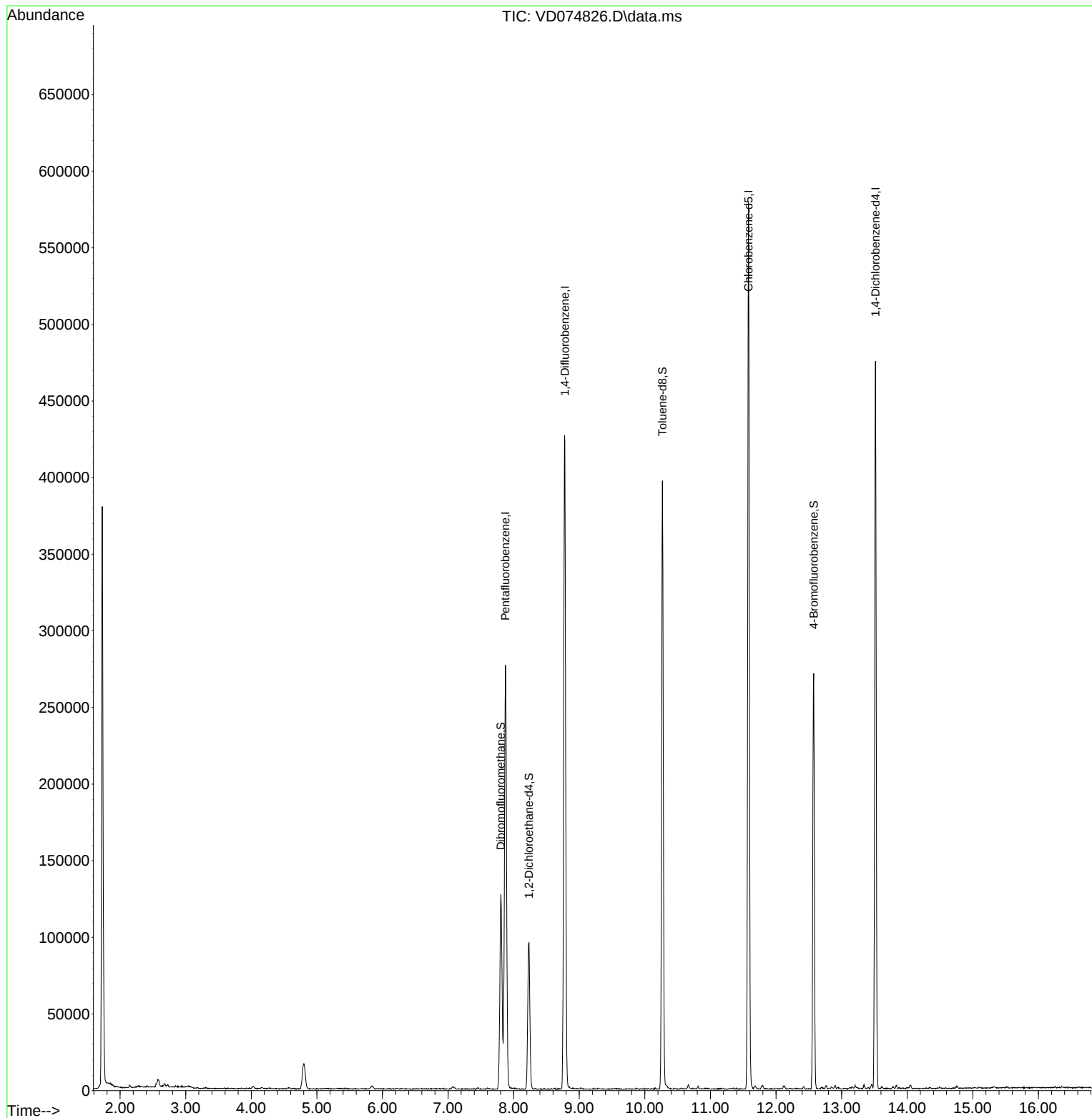
Target Compounds	Qvalue

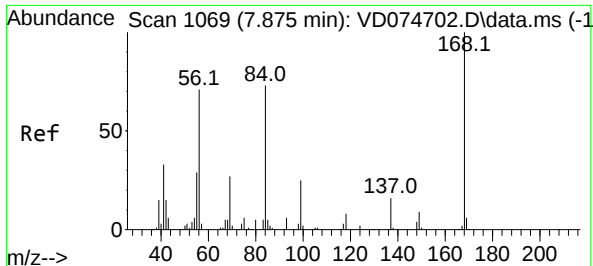
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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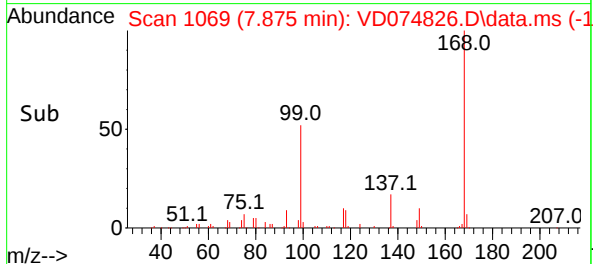
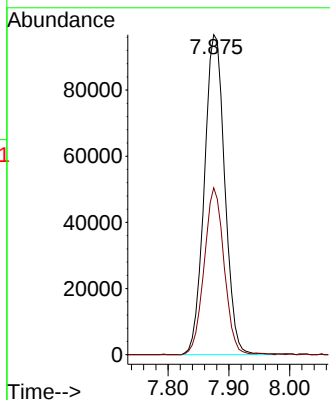
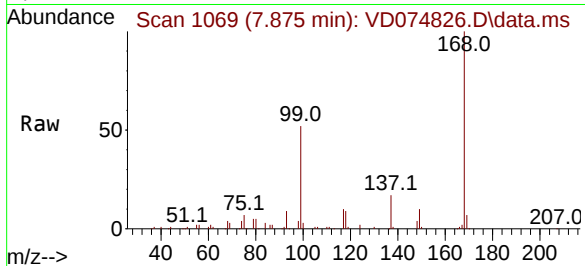




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074826.D
Acq: 09 Nov 2022 14:21

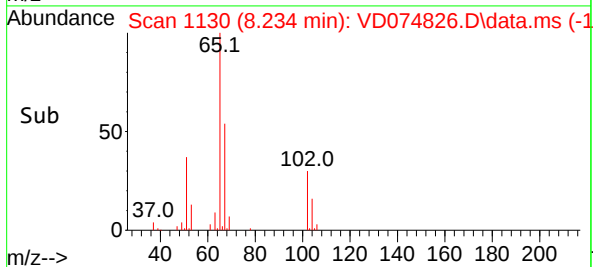
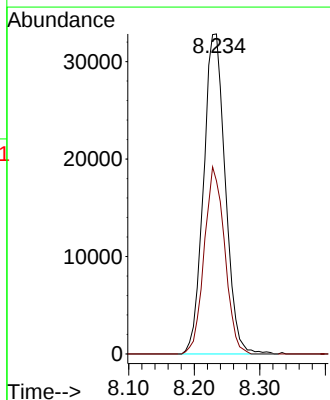
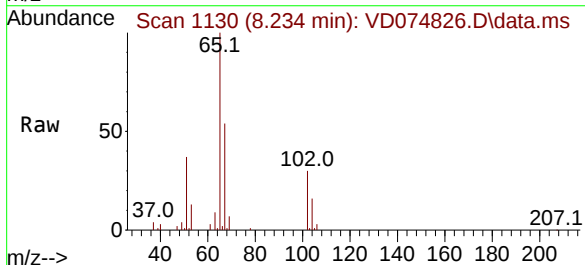
Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G2RE

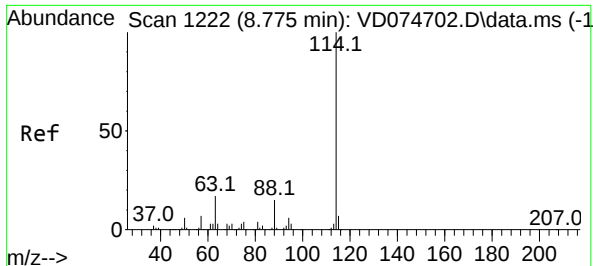
Tgt Ion:168 Resp: 225527
Ion Ratio Lower Upper
168 100
99 52.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 42.382 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074826.D
Acq: 09 Nov 2022 14:21

Tgt Ion: 65 Resp: 75703
Ion Ratio Lower Upper
65 100
67 55.1 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: VD074826.D

Acq: 09 Nov 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

TJRC-110222-G2RE

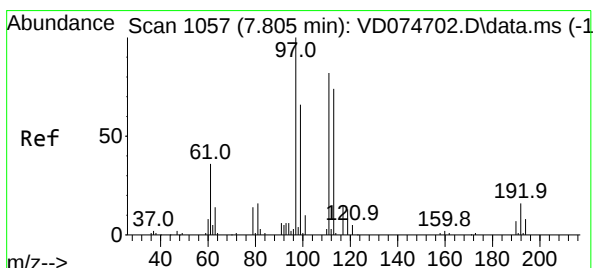
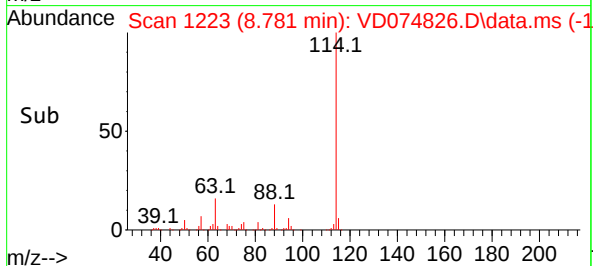
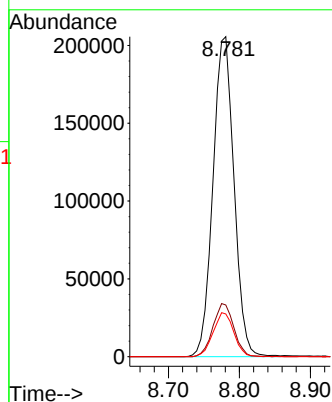
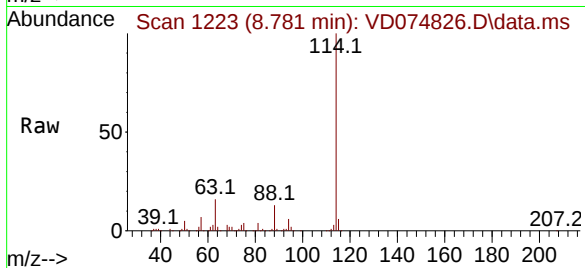
Tgt Ion:114 Resp: 422170

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.2

88 13.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 37.408 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074826.D

Acq: 09 Nov 2022 14:21

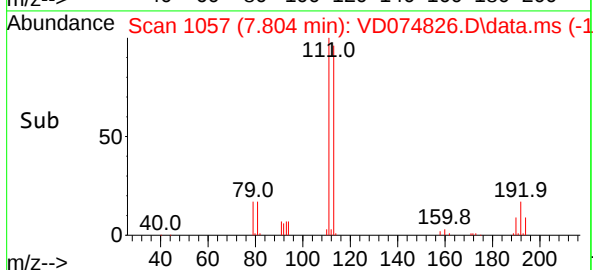
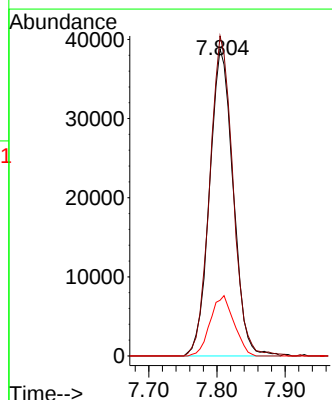
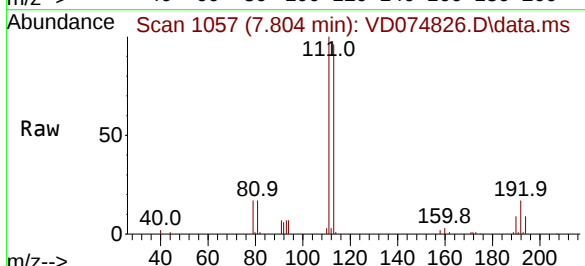
Tgt Ion:113 Resp: 93418

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 19.8 16.4 24.6

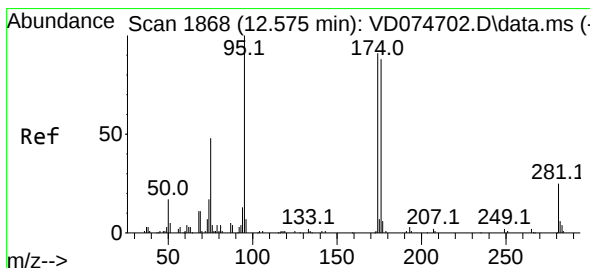
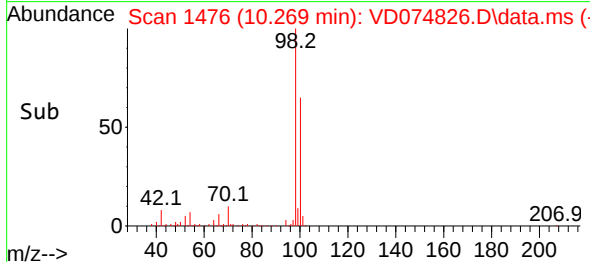
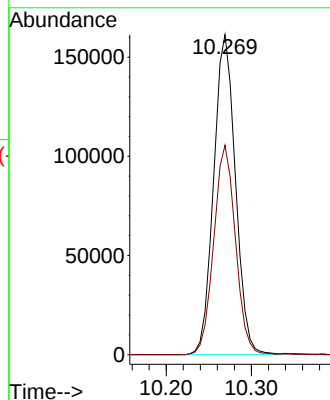
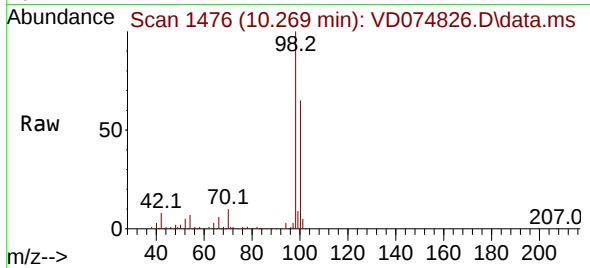




#50
Toluene-d8
Concen: 31.478 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074826.D
Acq: 09 Nov 2022 14:21

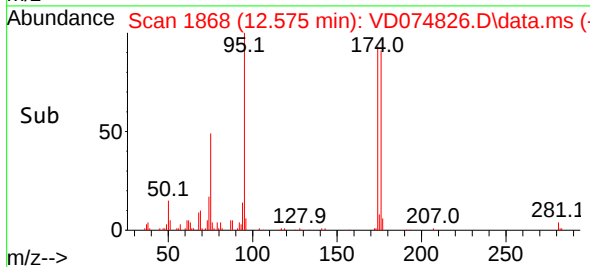
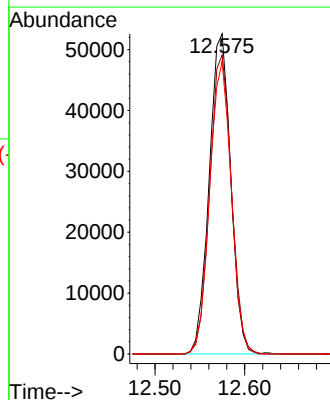
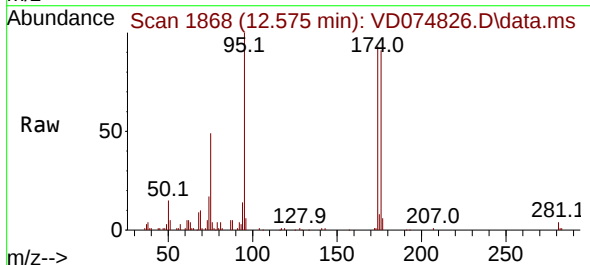
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ClientSampleId :
TJRC-110222-G2RE

Tgt Ion: 98 Resp: 286746
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 33.269 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074826.D
Acq: 09 Nov 2022 14:21

Tgt Ion: 95 Resp: 87505
Ion Ratio Lower Upper
95 100
174 94.3 0.0 197.0
176 91.5 0.0 182.6

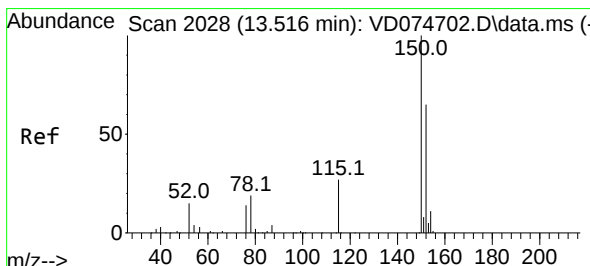
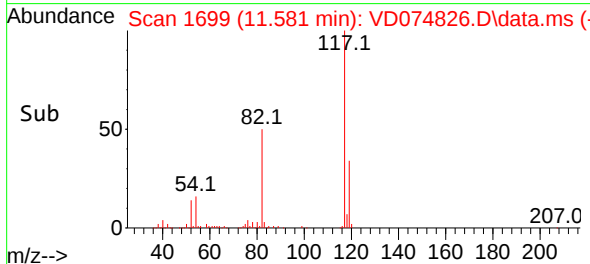
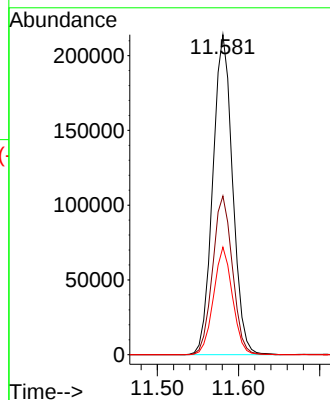
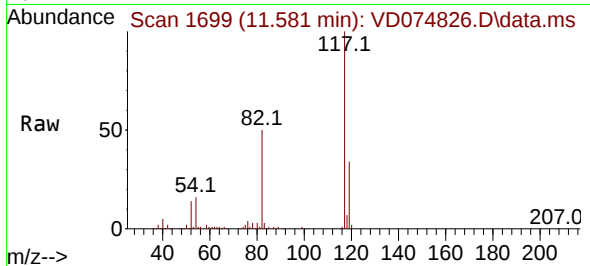




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074826.D
Acq: 09 Nov 2022 14:21

Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G2RE

Tgt Ion:	117	Resp:	362476
Ion	Ratio	Lower	Upper
117	100		
82	49.6	41.6	62.4
119	33.6	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: VD074826.D
Acq: 09 Nov 2022 14:21

Tgt Ion:	152	Resp:	134874
Ion	Ratio	Lower	Upper
152	100		
115	55.9	26.8	80.4
150	157.3	0.0	348.2

