

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074801.D
 Acq On : 08 Nov 2022 13:44
 Operator : VA/SY
 Sample : N5415-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-18

Quant Time: Nov 08 14:49:14 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	7.881	168	20816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	35627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	38137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	19108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	20002	121.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	242.640%#
35) Dibromofluoromethane	7.805	113	20108	95.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	190.820%#
50) Toluene-d8	10.269	98	44084	57.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.700%
62) 4-Bromofluorobenzene	12.569	95	16737	75.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	150.800%#

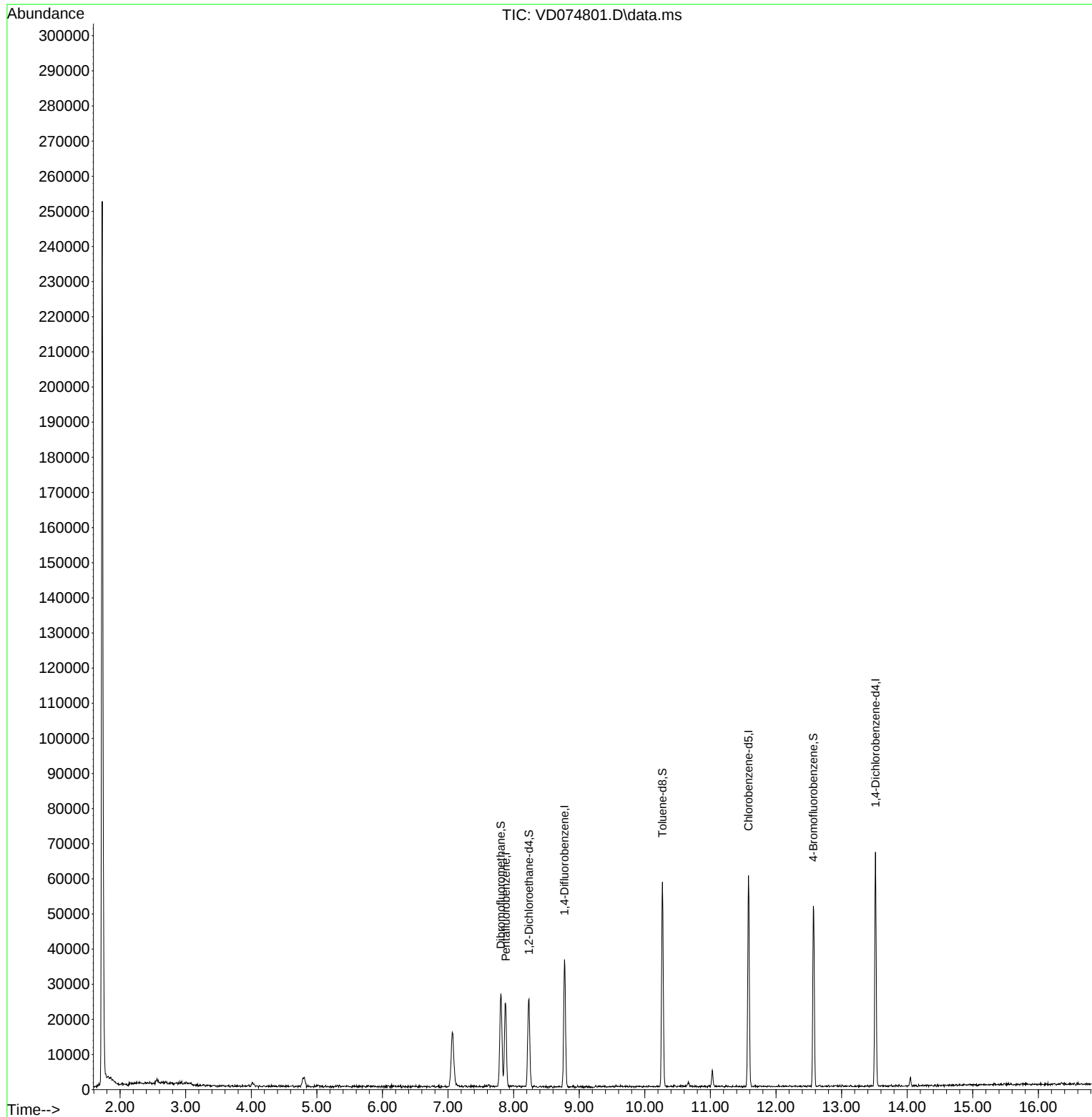
Target Compounds	Qvalue

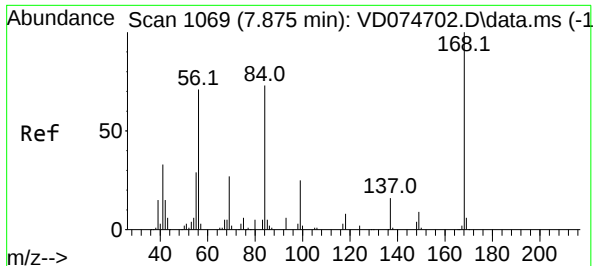
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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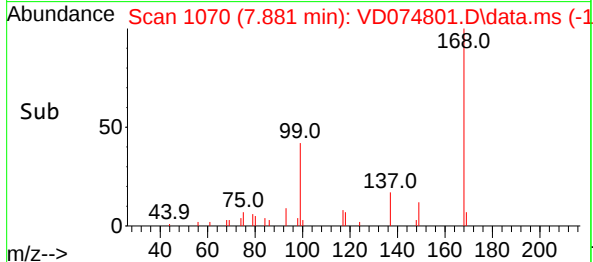
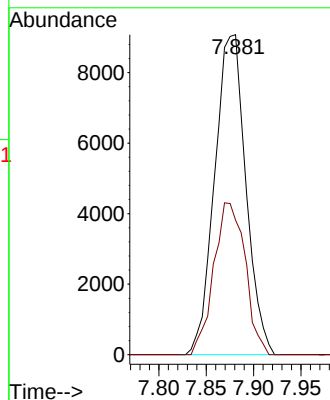
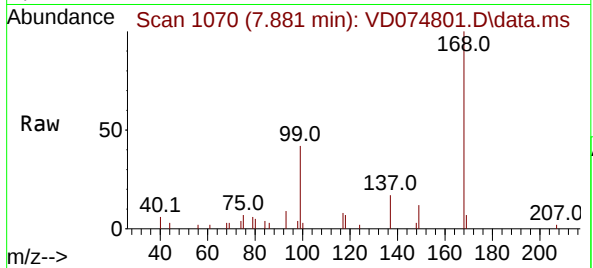




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD074801.D
Acq: 08 Nov 2022 13:44

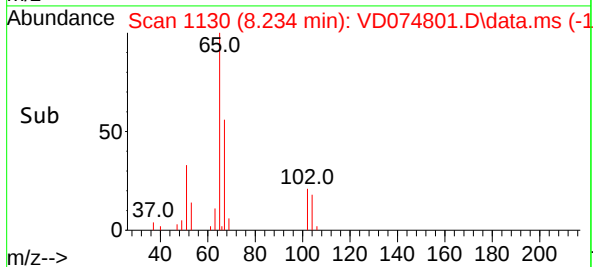
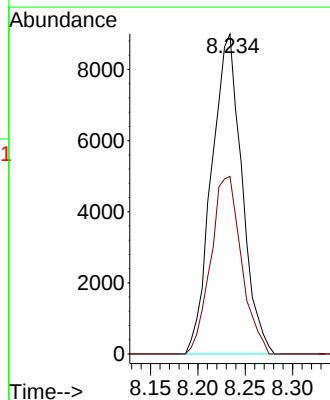
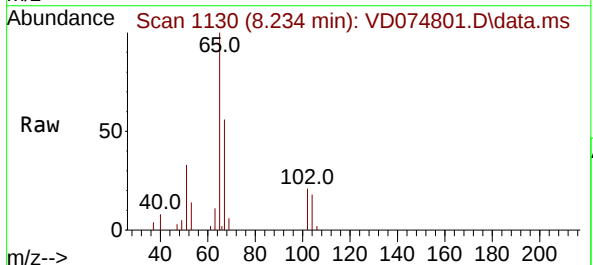
Instrument :
MSVOA_D
ClientSampleId :
R-18

Tgt Ion:168 Resp: 20816
Ion Ratio Lower Upper
168 100
99 42.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 121.322 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074801.D
Acq: 08 Nov 2022 13:44

Tgt Ion: 65 Resp: 20002
Ion Ratio Lower Upper
65 100
67 56.3 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: VD074801.D

Acq: 08 Nov 2022 13:44

Instrument :

MSVOA_D

ClientSampleId :

R-18

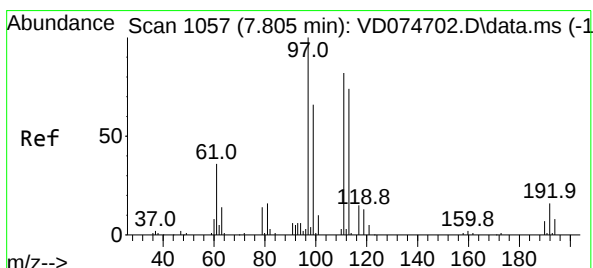
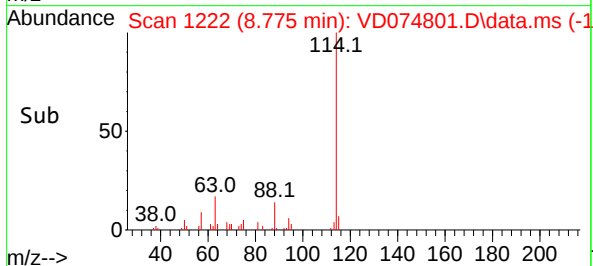
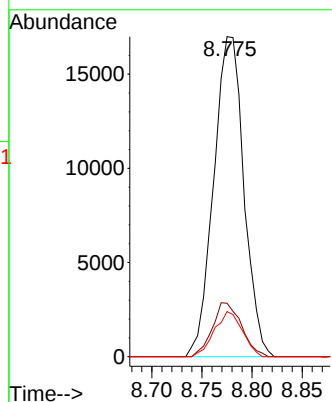
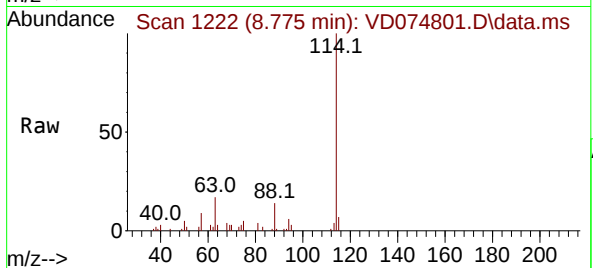
Tgt Ion:114 Resp: 35627

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.2

88 14.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 95.413 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074801.D

Acq: 08 Nov 2022 13:44

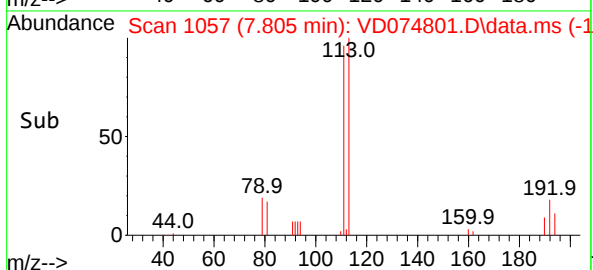
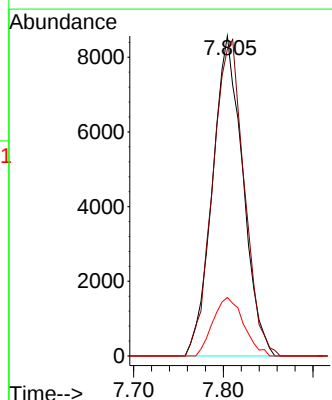
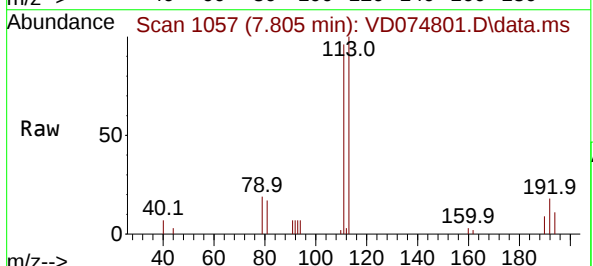
Tgt Ion:113 Resp: 20108

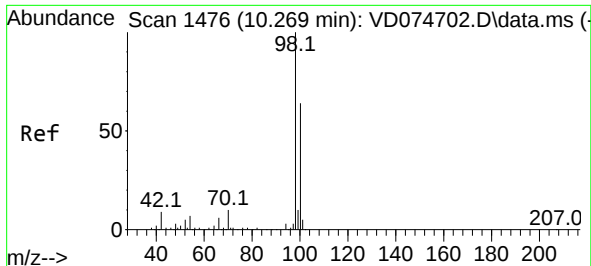
Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

192 18.4 16.4 24.6

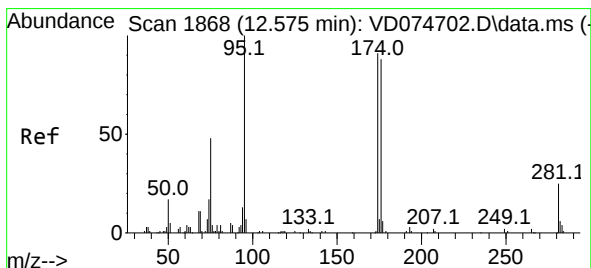
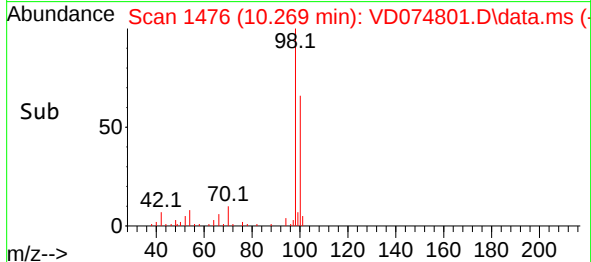
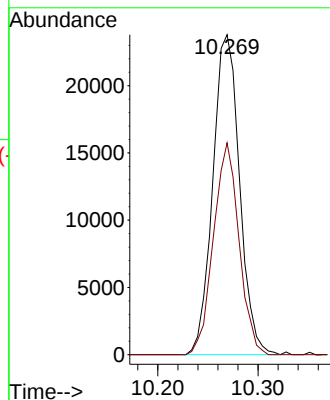
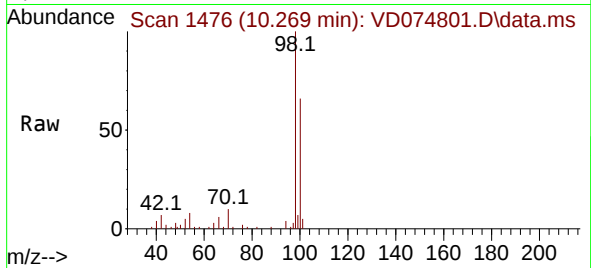




#50
Toluene-d8
Concen: 57.345 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074801.D
Acq: 08 Nov 2022 13:44

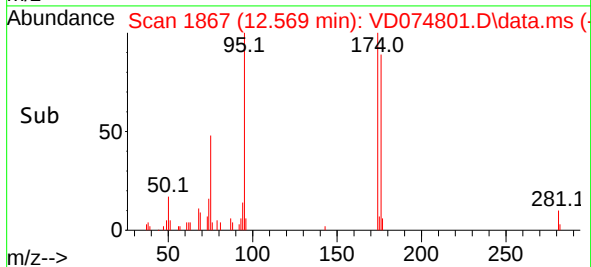
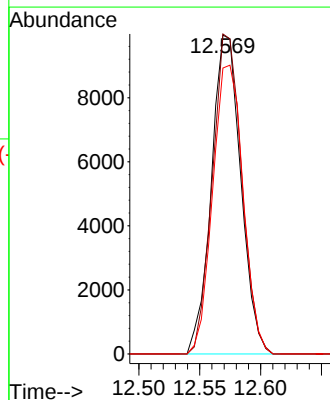
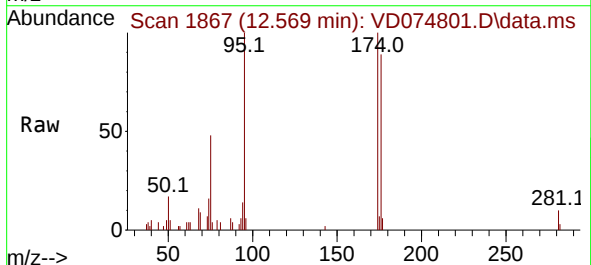
Instrument :
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ClientSampleId :
R-18

Tgt Ion: 98 Resp: 44084
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 75.405 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074801.D
Acq: 08 Nov 2022 13:44

Tgt Ion: 95 Resp: 16737
Ion Ratio Lower Upper
95 100
174 99.7 0.0 197.0
176 93.4 0.0 182.6

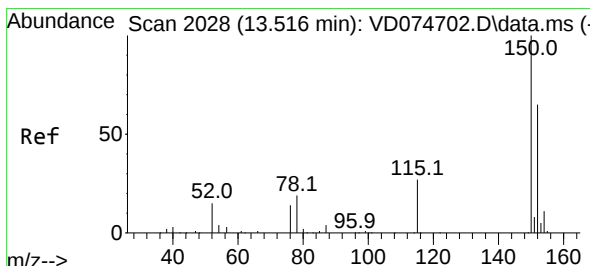
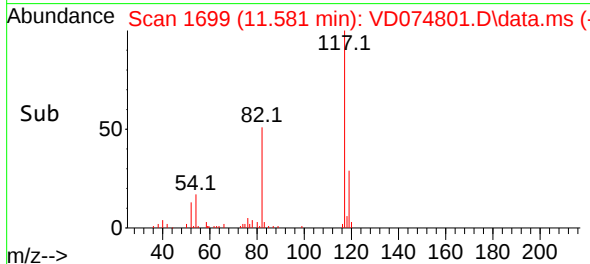
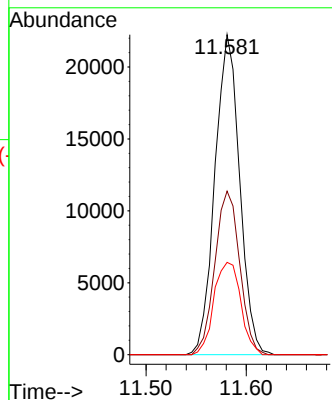
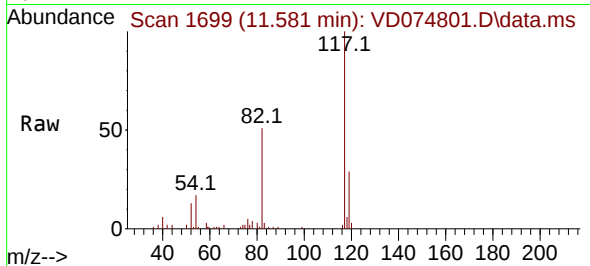




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074801.D
Acq: 08 Nov 2022 13:44

Instrument :
MSVOA_D
ClientSampleId :
R-18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.6	62.4
119	28.9	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: VD074801.D
Acq: 08 Nov 2022 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.8	80.4
150	160.1	0.0	348.2

