

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074995.D
 Acq On : 18 Nov 2022 17:52
 Operator : VA/SY
 Sample : N5697-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-111722

Quant Time: Nov 18 22:06:37 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	7.887	168	2954	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.775	114	6142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	2918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.263	98	55	0.441	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	0.880%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

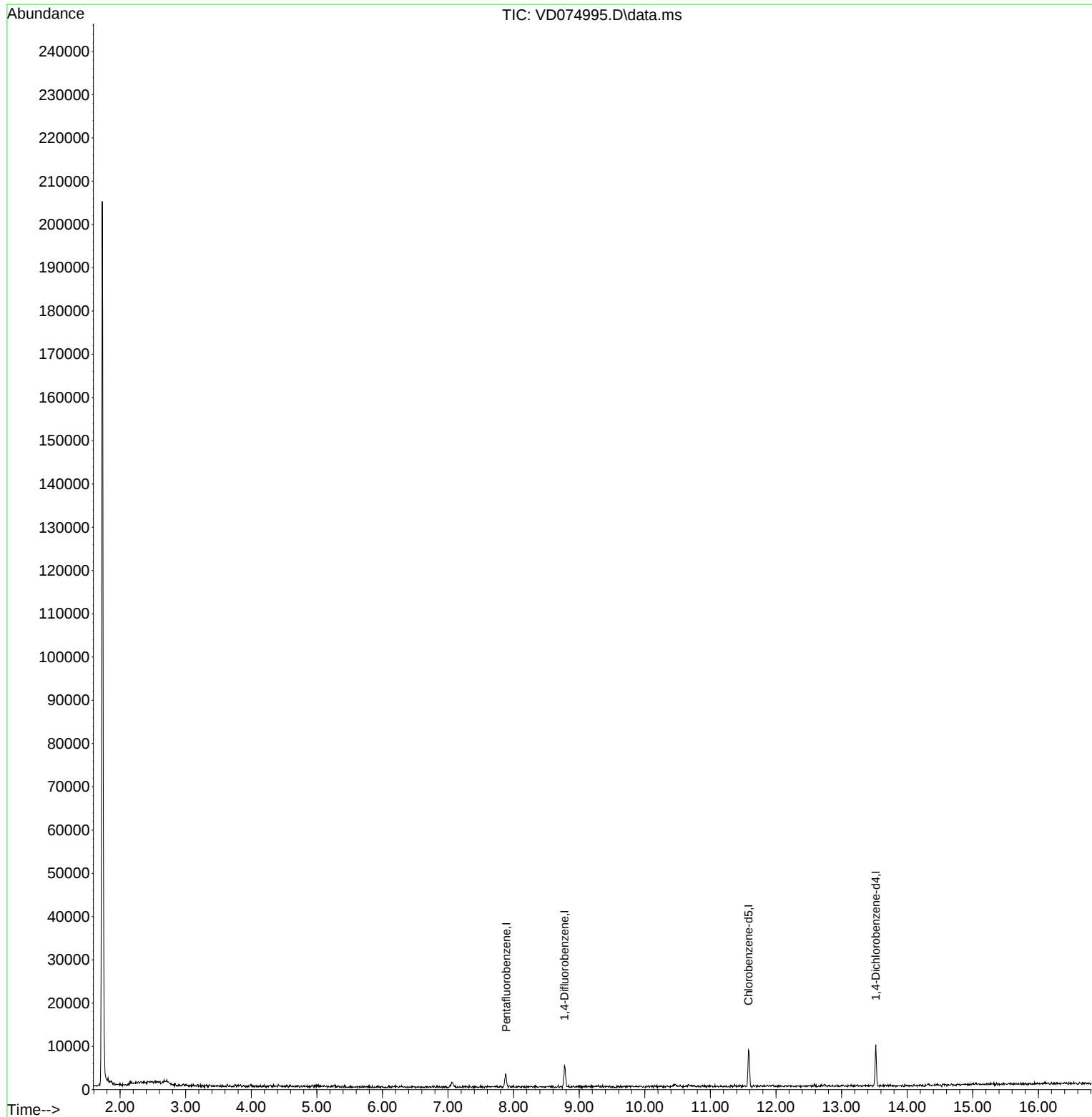
Target Compounds	Qvalue

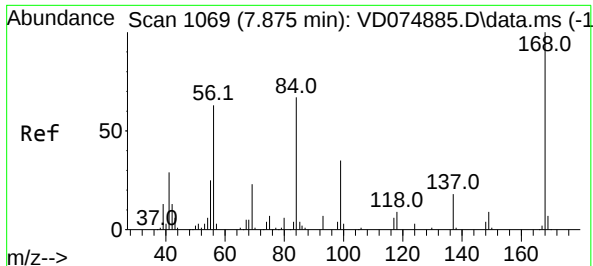
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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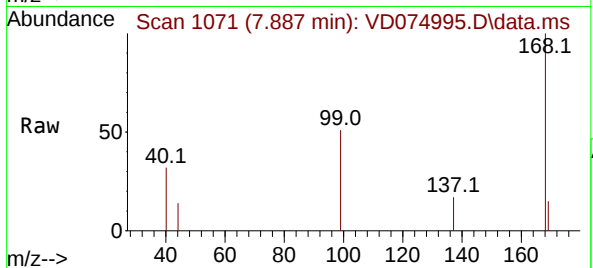
Quant Time: Nov 18 22:06:37 2022
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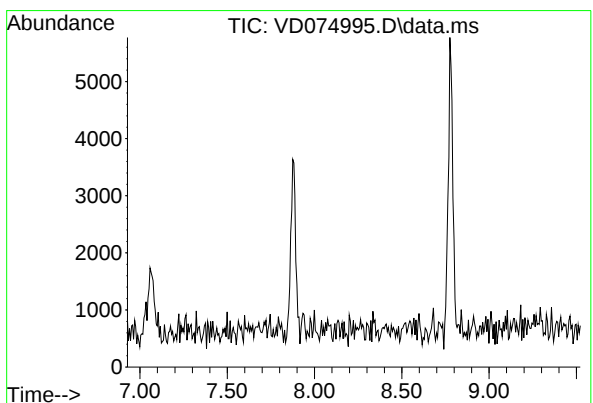
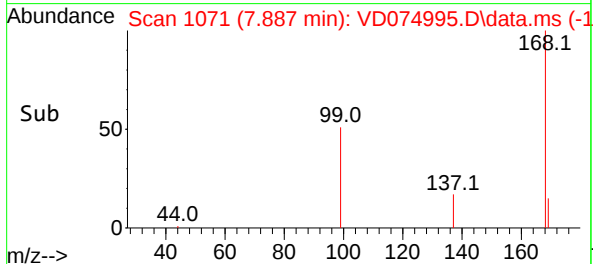
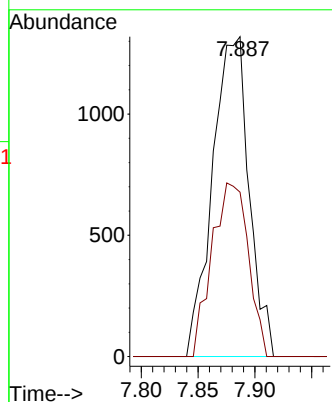


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 10
Delta R.T. 0.012 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Instrument :
MSVOA_D
ClientSampleId :
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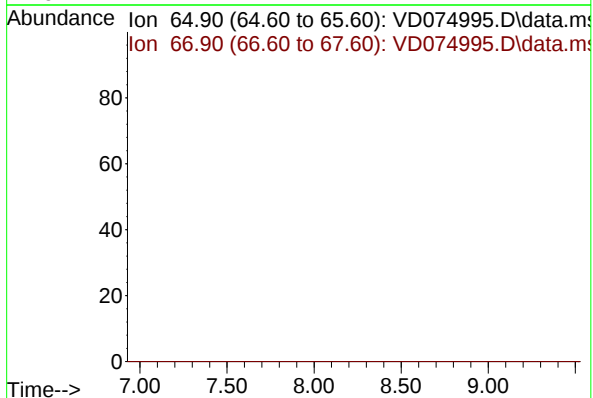
Tgt Ion:168 Resp: 2954
Ion Ratio Lower Upper
168 100
99 51.4 40.9 61.3

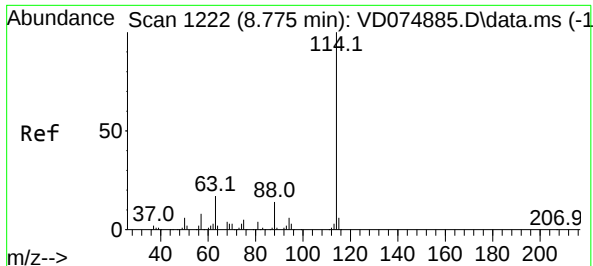


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Tgt Ion: 65
Sig Exp Ratio
65 100
67 55.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074995.D

Acq: 18 Nov 2022 17:52

Instrument :

MSVOA_D

ClientSampleId :

SU-03-111722

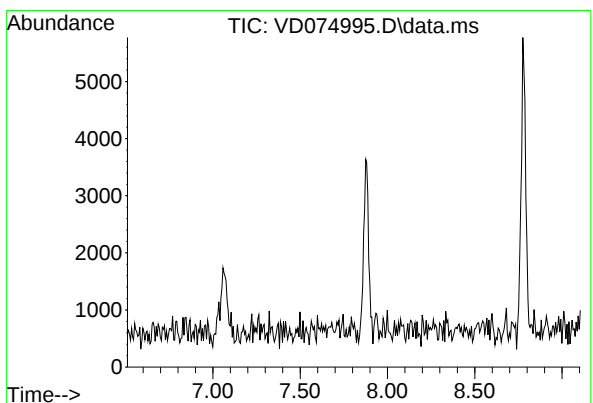
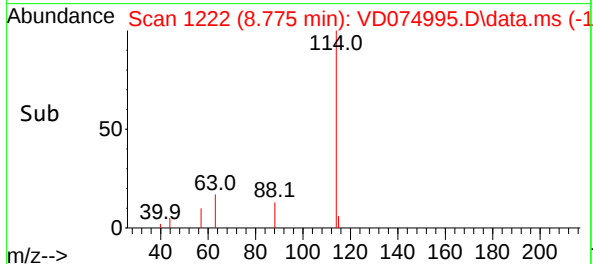
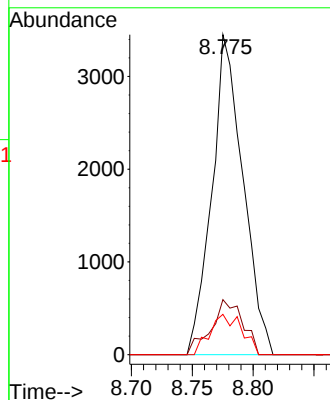
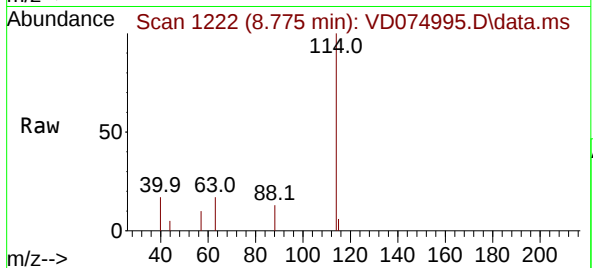
Tgt Ion:114 Resp: 6142

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.2

88 12.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.80 min

Lab File: VD074995.D

Acq: 18 Nov 2022 17:52

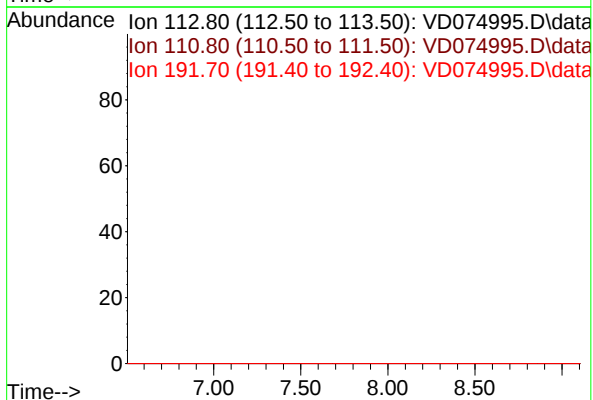
Tgt Ion: 113

Sig Exp Ratio

113 100

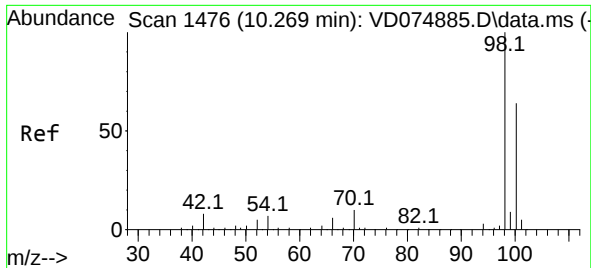
111 102.9

192 20.5



Ion 110.80 (110.50 to 111.50): VD074995.D\data.ms

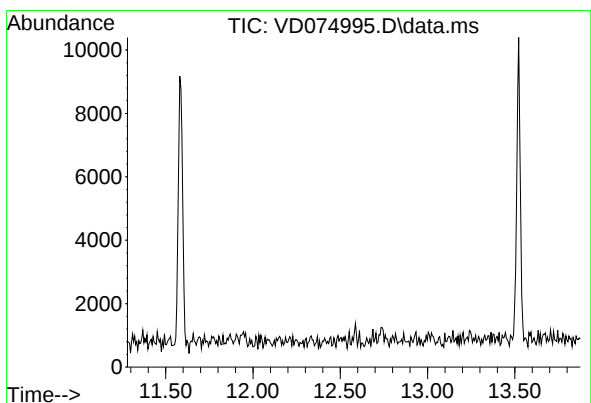
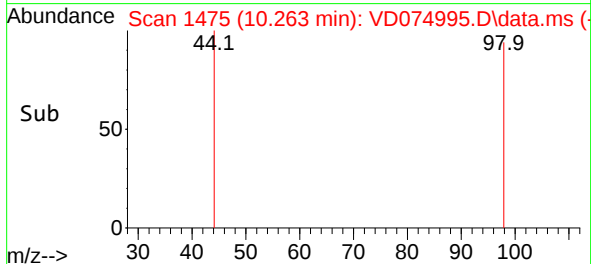
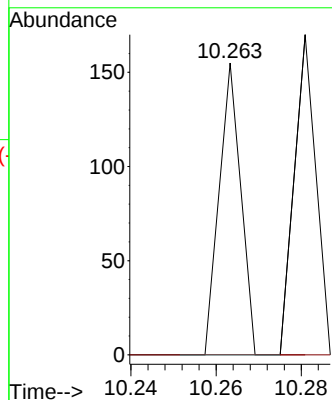
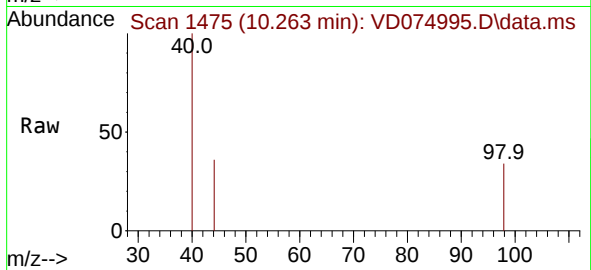
Ion 191.70 (191.40 to 192.40): VD074995.D\data.ms



#50
Toluene-d8
Concen: 0.441 ug/l
RT: 10.263 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

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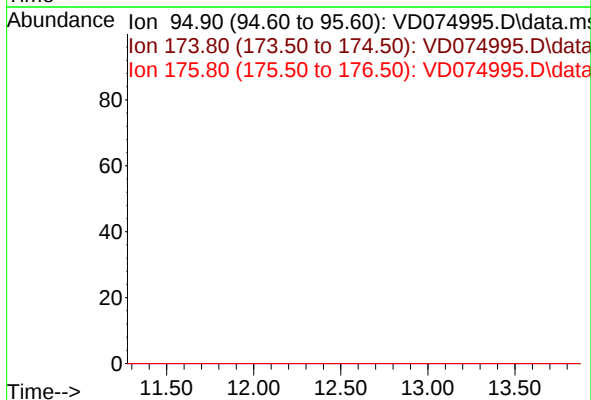
Tgt Ion: 98 Resp: 55
Ion Ratio Lower Upper
98 100
100 0.0 51.4 77.0#



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

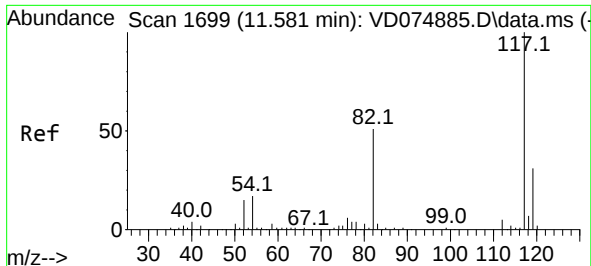
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Tgt Ion: 95
Sig Exp Ratio
95 100
174 98.5
176 91.3



Ion 173.80 (173.50 to 174.50): VD074995.D\data.ms

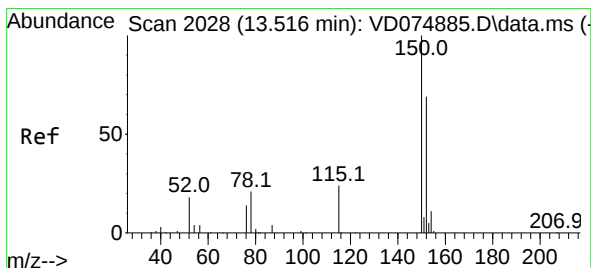
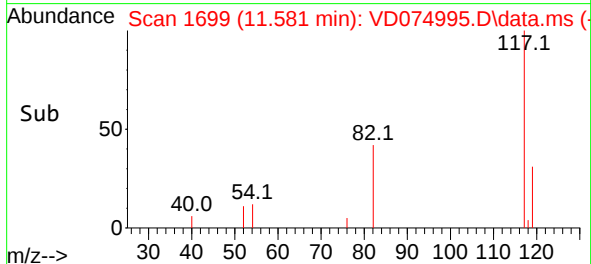
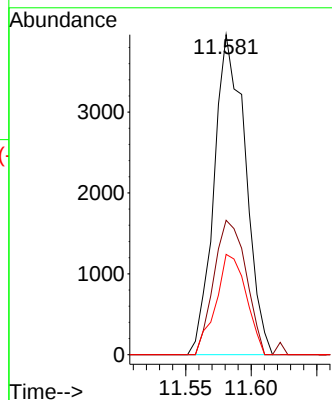
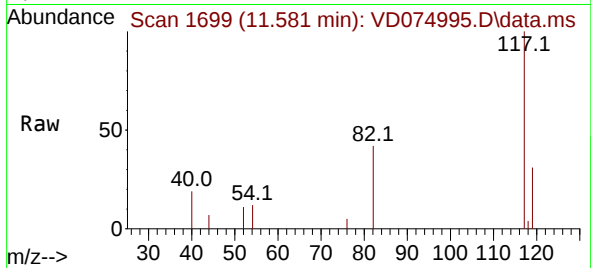
Ion 175.80 (175.50 to 176.50): VD074995.D\data.ms



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074995.D
Acq: 18 Nov 2022 17:52

Instrument :
MSVOA_D
ClientSampleId :
SU-03-111722

Tgt Ion:117	Resp:	6578	
Ion	Ratio	Lower	Upper
117	100		
82	42.0	41.6	62.4
119	31.4	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: VD074995.D
Acq: 18 Nov 2022 17:52

Tgt Ion:152	Resp:	2918	
Ion	Ratio	Lower	Upper
152	100		
115	51.8	26.8	80.4
150	171.7	0.0	348.2

