

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074745.D
 Acq On : 04 Nov 2022 18:32
 Operator : VA/SY
 Sample : N5418-13
 Misc : 5.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-N

Quant Time: Nov 07 00:29:15 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	496	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	670	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52

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	7.799	113	138	27.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	54.960%
50) Toluene-d8	10.263	98	954	52.076	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.160%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

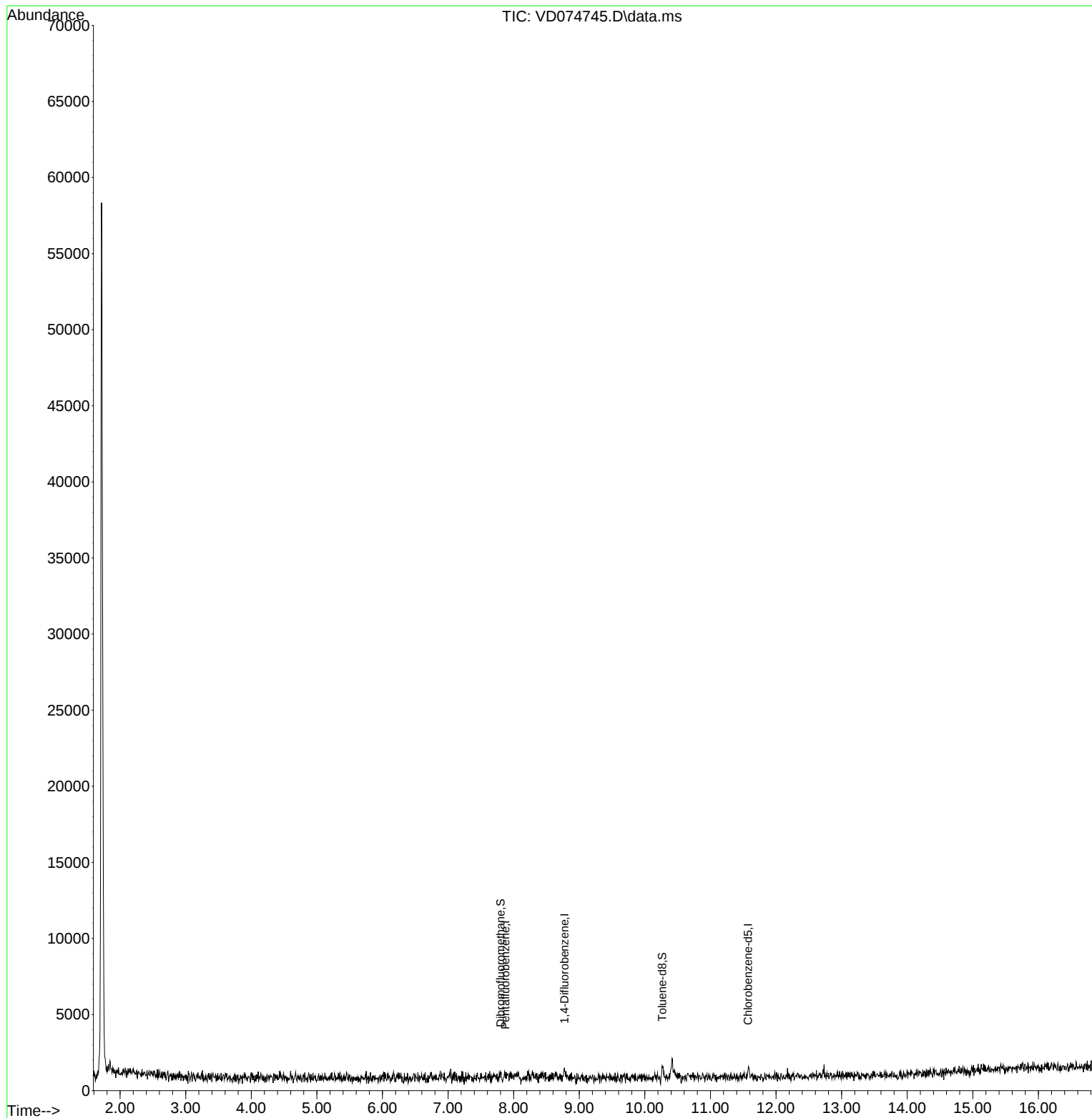
Target Compounds	Qvalue

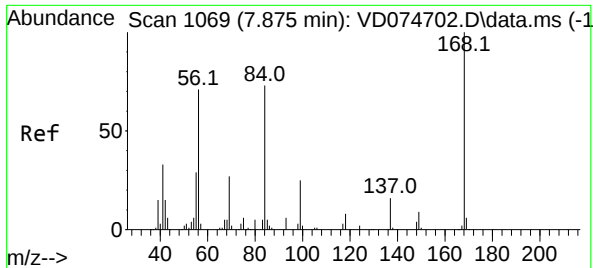
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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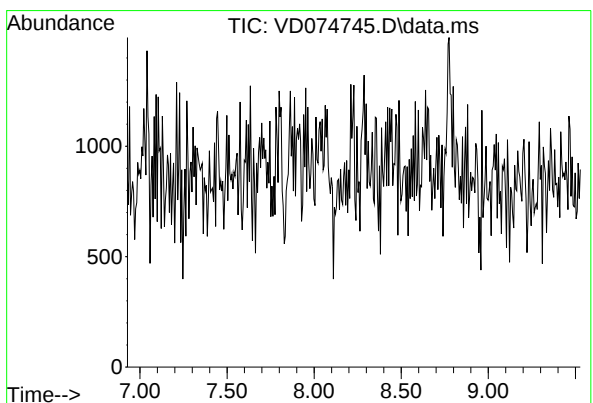
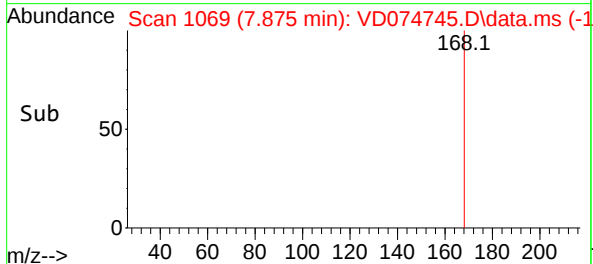
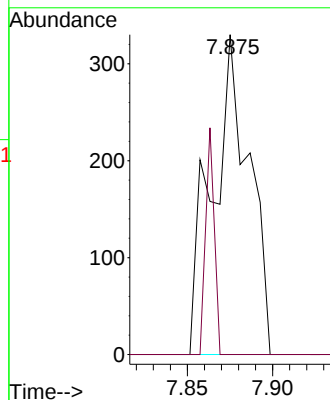
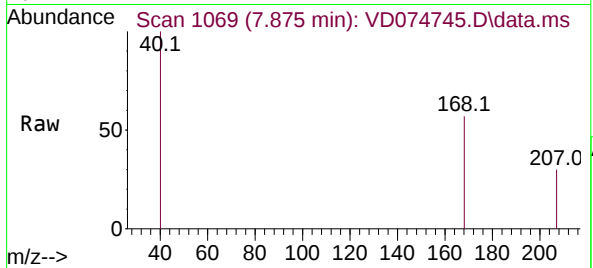




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074745.D
Acq: 04 Nov 2022 18:32

Instrument :
MSVOA_D
ClientSampleId :
TP-N

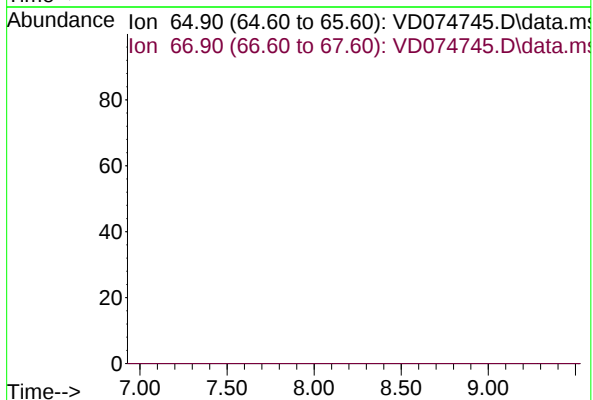
Tgt Ion:168 Resp: 496
Ion Ratio Lower Upper
168 100
99 0.0 40.9 61.3#



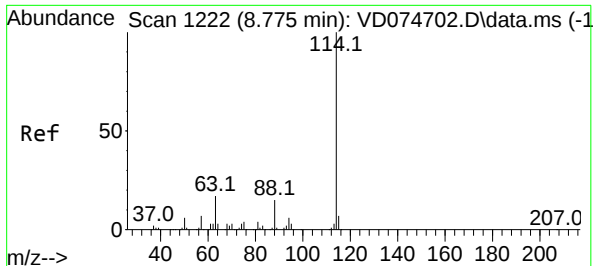
#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD074745.D
Acq: 04 Nov 2022 18:32

Tgt Ion: 65
Sig Exp Ratio
65 100
67 55.1



Ion 66.90 (66.60 to 67.60): VD074745.D\data.ms



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074745.D

Acq: 04 Nov 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

TP-N

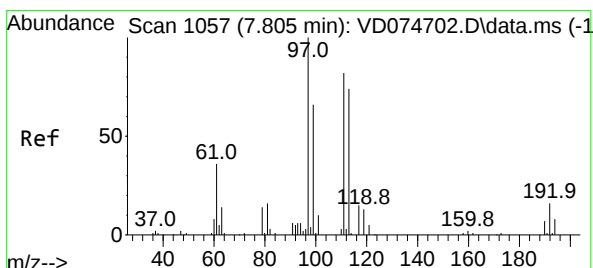
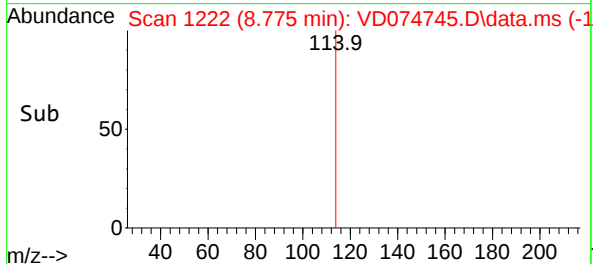
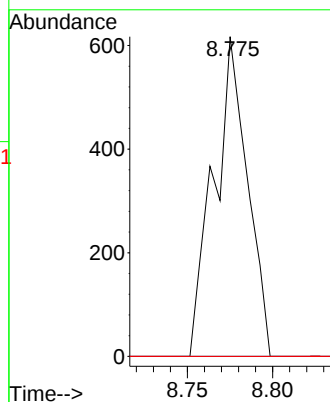
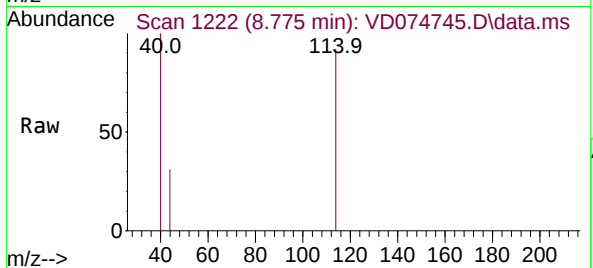
Tgt Ion:114 Resp: 849

Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.2

88 0.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 27.478 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD074745.D

Acq: 04 Nov 2022 18:32

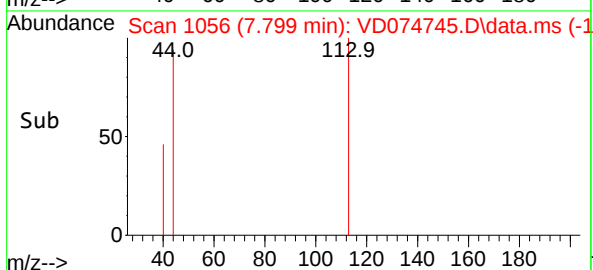
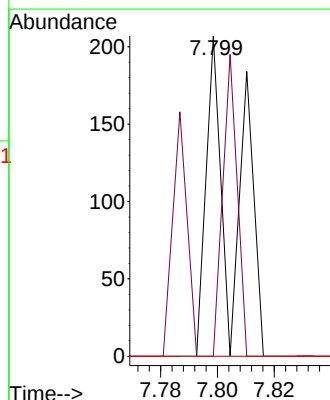
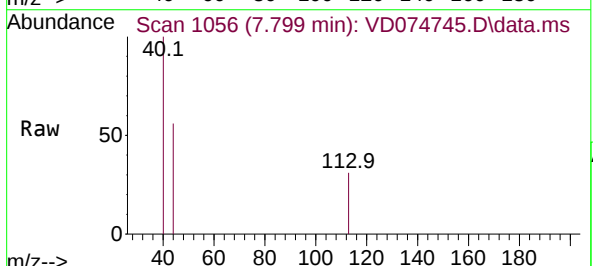
Tgt Ion:113 Resp: 138

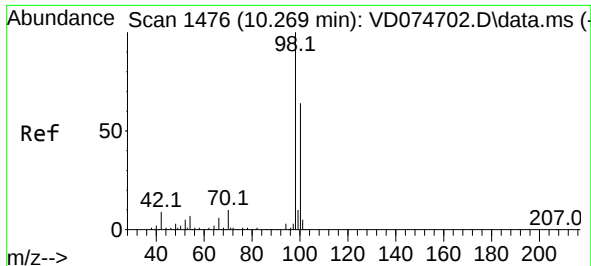
Ion Ratio Lower Upper

113 100

111 50.0 82.3 123.5#

192 0.0 16.4 24.6#

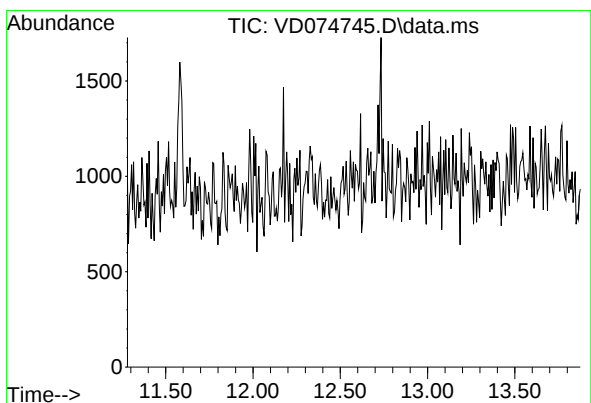
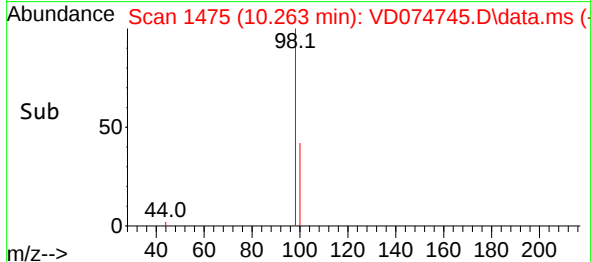
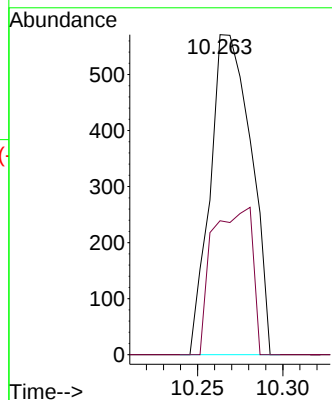
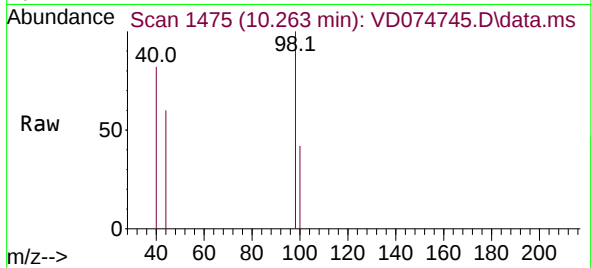




#50
Toluene-d8
Concen: 52.076 ug/l
RT: 10.263 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD074745.D
Acq: 04 Nov 2022 18:32

Instrument :
MSVOA_D
ClientSampleId :
TP-N

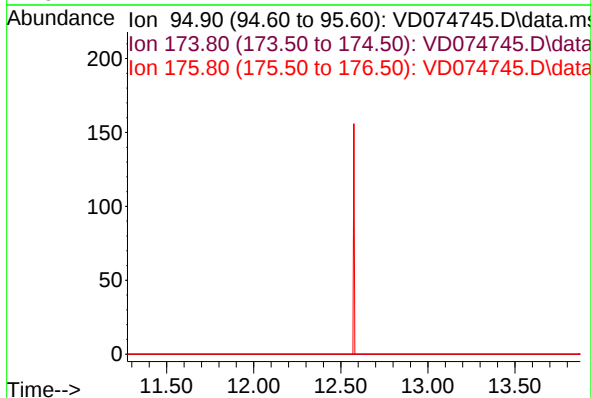
Tgt Ion: 98 Resp: 954
Ion Ratio Lower Upper
98 100
100 44.7 51.4 77.0#

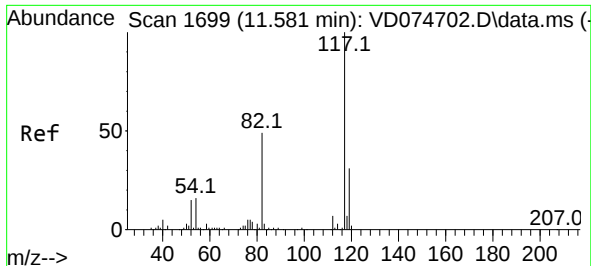


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VD074745.D
Acq: 04 Nov 2022 18:32

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

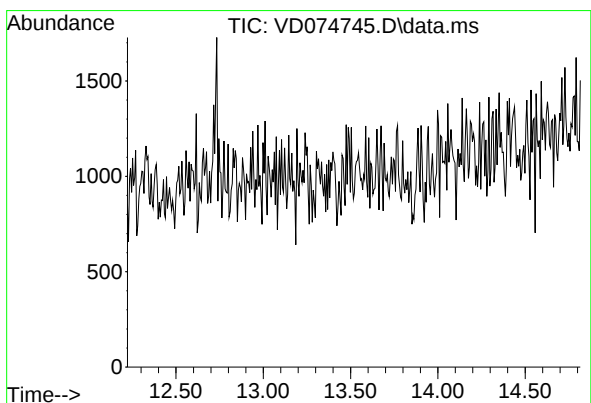
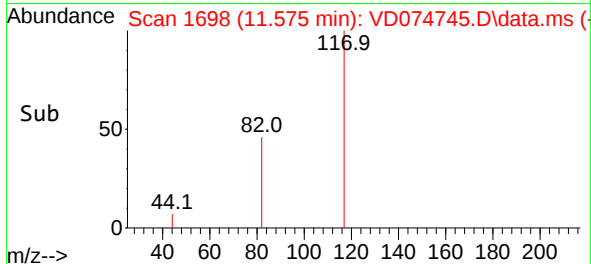
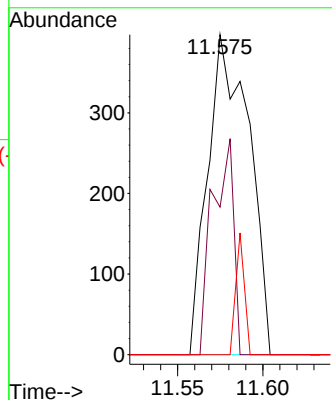
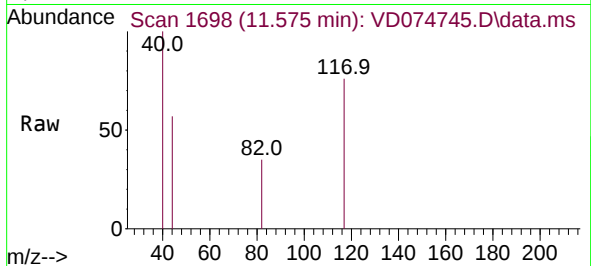




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD074745.D
Acq: 04 Nov 2022 18:32

Instrument :
MSVOA_D
ClientSampleId :
TP-N

Tgt Ion:117 Resp: 670
Ion Ratio Lower Upper
117 100
82 46.1 41.6 62.4
119 0.0 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.52 min

Lab File: VD074745.D
Acq: 04 Nov 2022 18:32

Tgt Ion: 152
Sig Exp Ratio
152 100
115 53.6
150 174.1

