

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074047.D
 Acq On : 11 Aug 2022 17:50
 Operator : VA/SY
 Sample : N4130-01RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB02RE

Quant Time: Aug 12 01:18:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	3794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.850	114	6477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	9556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	4821	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	3711	136.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	273.760%#
35) Dibromofluoromethane	7.909	113	3130	72.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.520%
50) Toluene-d8	10.332	98	5319	46.913	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.820%
62) 4-Bromofluorobenzene	12.626	95	3590	67.860	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.720%

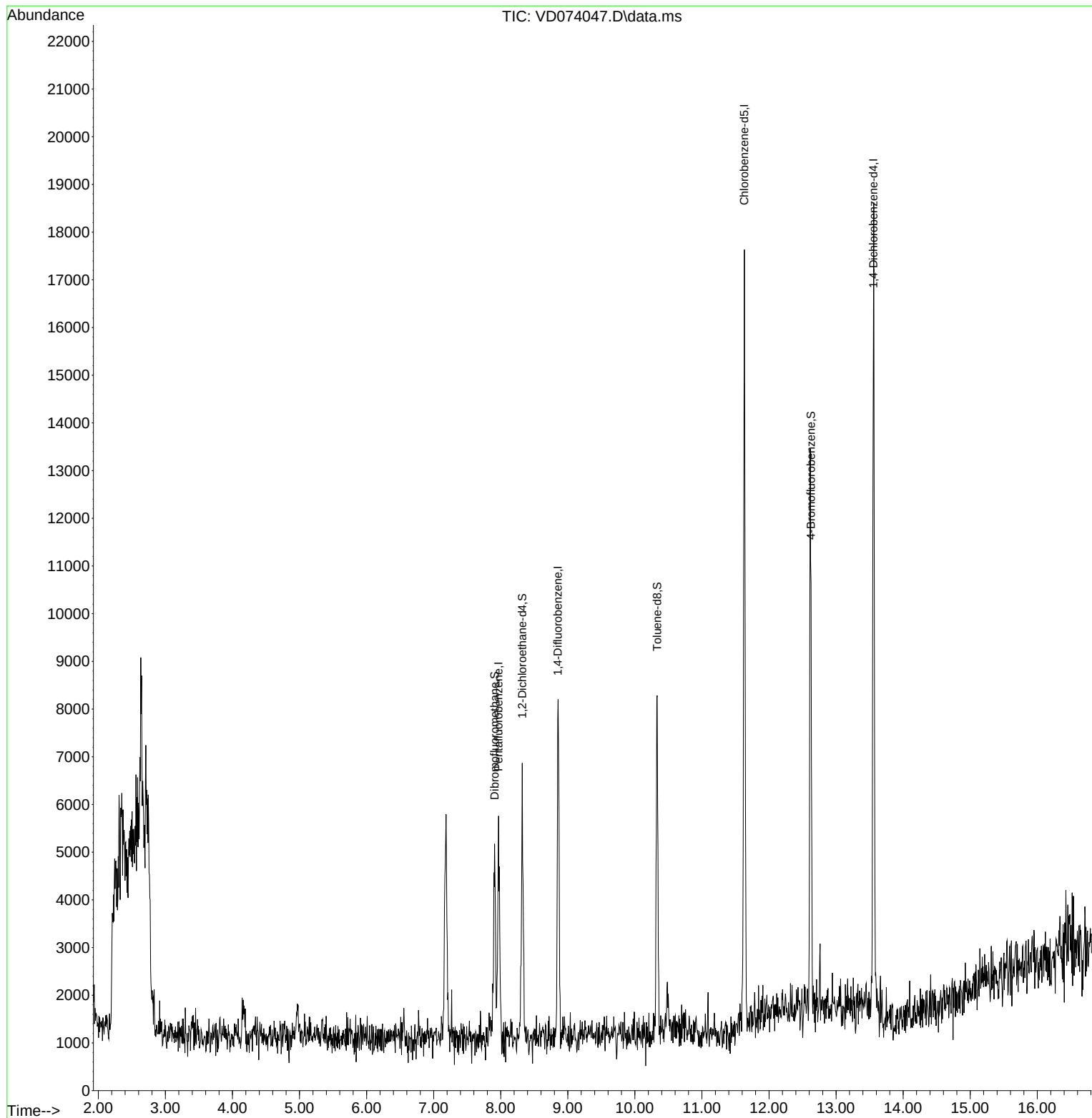
Target Compounds	Qvalue

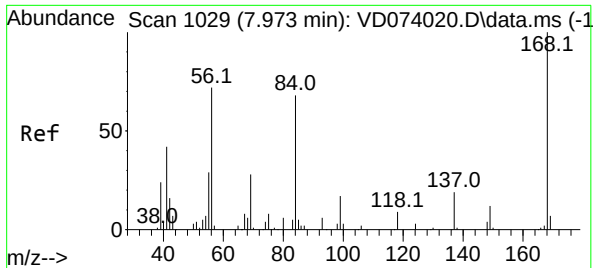
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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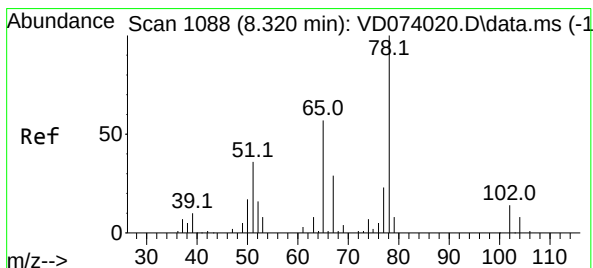
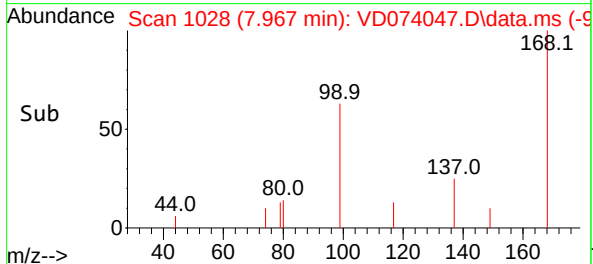
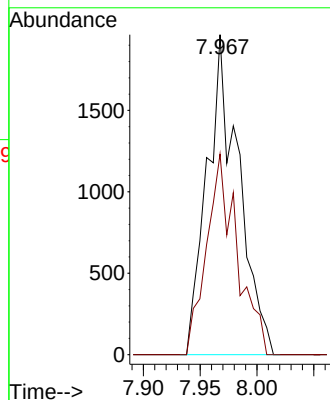
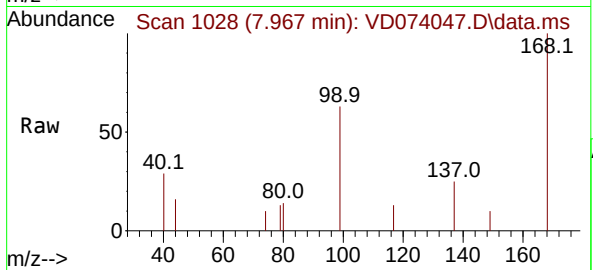




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074047.D
Acq: 11 Aug 2022 17:50

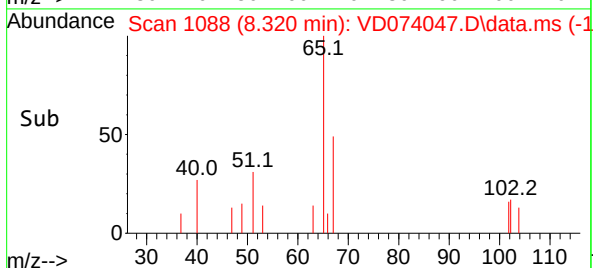
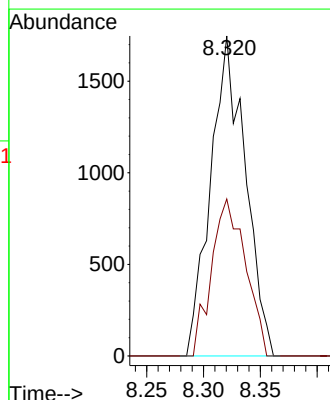
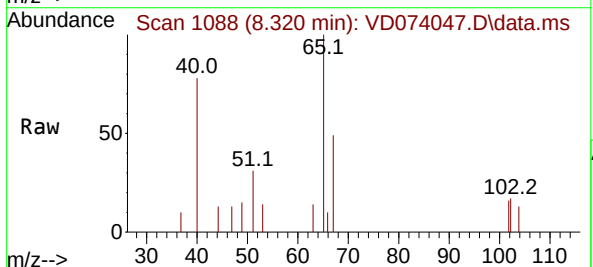
Instrument :
MSVOA_D
ClientSampleId :
SB02RE

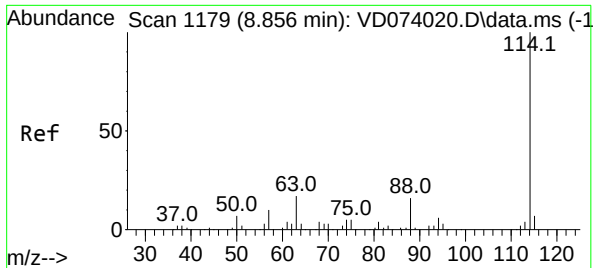
Tgt Ion:168 Resp: 3794
Ion Ratio Lower Upper
168 100
99 62.7 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 136.885 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074047.D
Acq: 11 Aug 2022 17:50

Tgt Ion: 65 Resp: 3711
Ion Ratio Lower Upper
65 100
67 48.2 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.850 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074047.D

Acq: 11 Aug 2022 17:50

Instrument :

MSVOA_D

ClientSampleId :

SB02RE

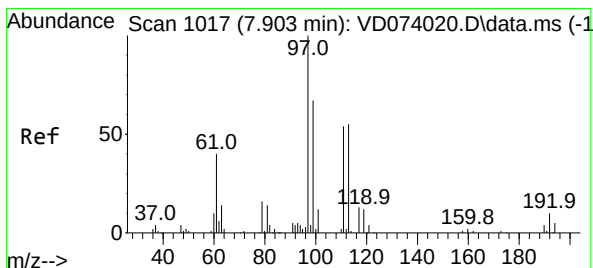
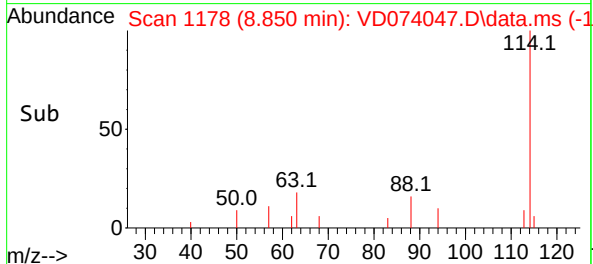
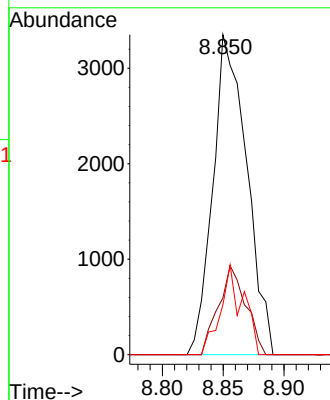
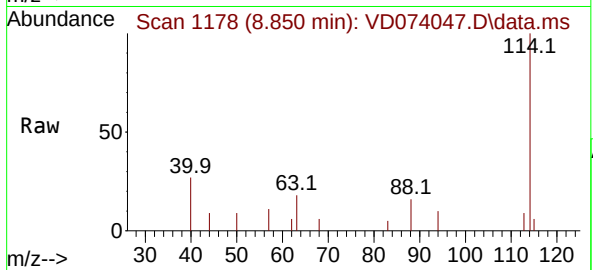
Tgt Ion:114 Resp: 6477

Ion Ratio Lower Upper

114 100

63 17.8 0.0 41.0

88 15.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 72.758 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD074047.D

Acq: 11 Aug 2022 17:50

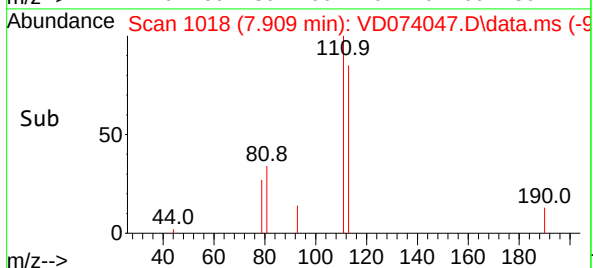
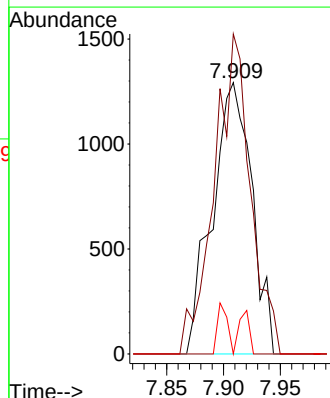
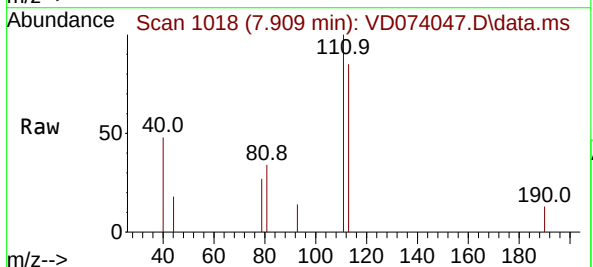
Tgt Ion:113 Resp: 3130

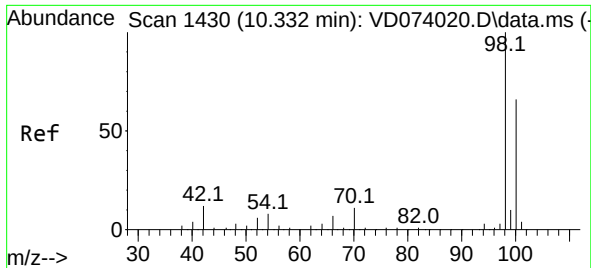
Ion Ratio Lower Upper

113 100

111 107.5 80.0 120.0

192 4.2 14.2 21.4#

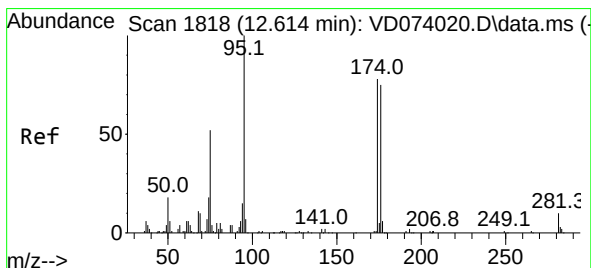
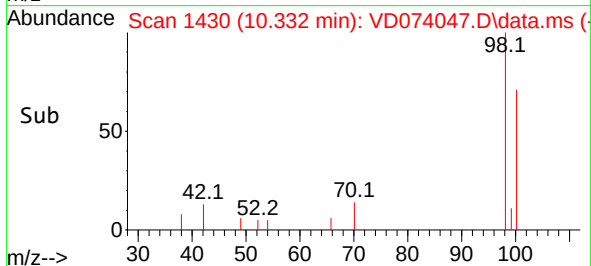
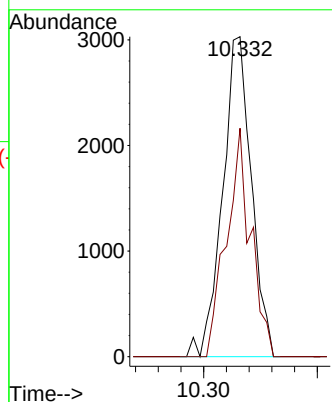
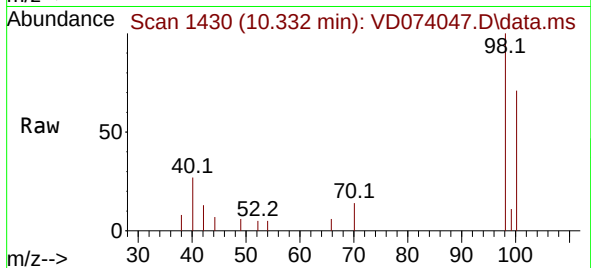




#50
Toluene-d8
Concen: 46.913 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD074047.D
Acq: 11 Aug 2022 17:50

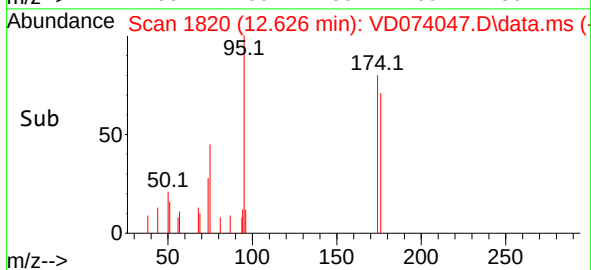
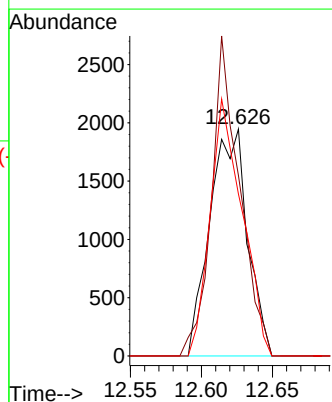
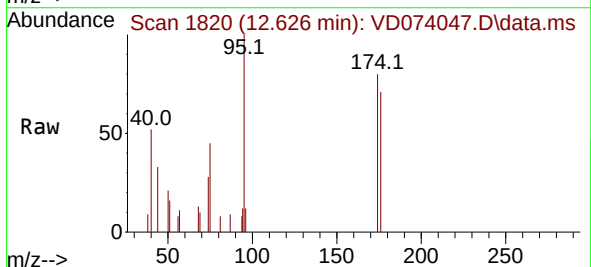
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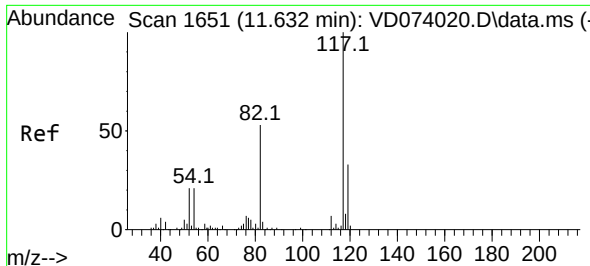
Tgt Ion: 98 Resp: 5319
Ion Ratio Lower Upper
98 100
100 60.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 67.860 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.012 min
Lab File: VD074047.D
Acq: 11 Aug 2022 17:50

Tgt Ion: 95 Resp: 3590
Ion Ratio Lower Upper
95 100
174 105.2 0.0 162.6
176 96.6 0.0 160.0

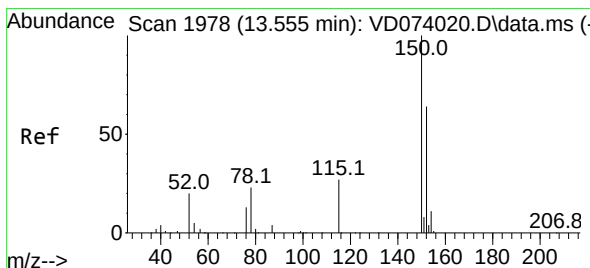
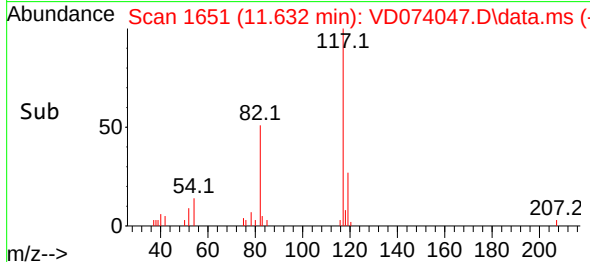
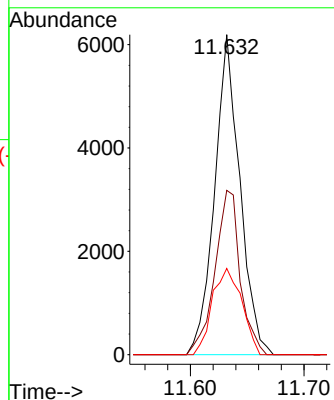
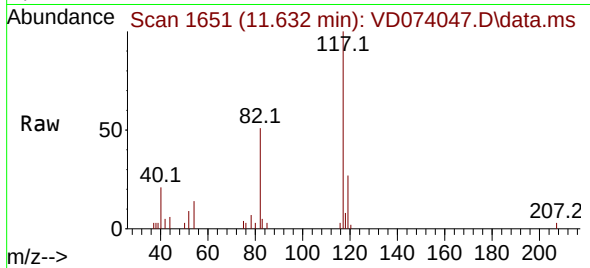




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074047.D
Acq: 11 Aug 2022 17:50

Instrument :
MSVOA_D
ClientSampleId :
SB02RE

Tgt Ion:117	Resp:	9556
Ion	Ratio	Lower Upper
117	100	
82	51.3	42.7 64.1
119	26.9	25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074047.D
Acq: 11 Aug 2022 17:50

Tgt Ion:152	Resp:	4821
Ion	Ratio	Lower Upper
152	100	
115	54.0	29.9 89.8
150	151.1	0.0 342.8

