

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074229.D
 Acq On : 24 Aug 2022 18:03
 Operator : VA/SY
 Sample : N4264-01
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3

Quant Time: Aug 25 05:03:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	190054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	350105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	318885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	136048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	110337	56.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.620%
35) Dibromofluoromethane	7.908	113	109624	46.812	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.620%
50) Toluene-d8	10.332	98	373466	49.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.620	95	116387	39.089	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.180%

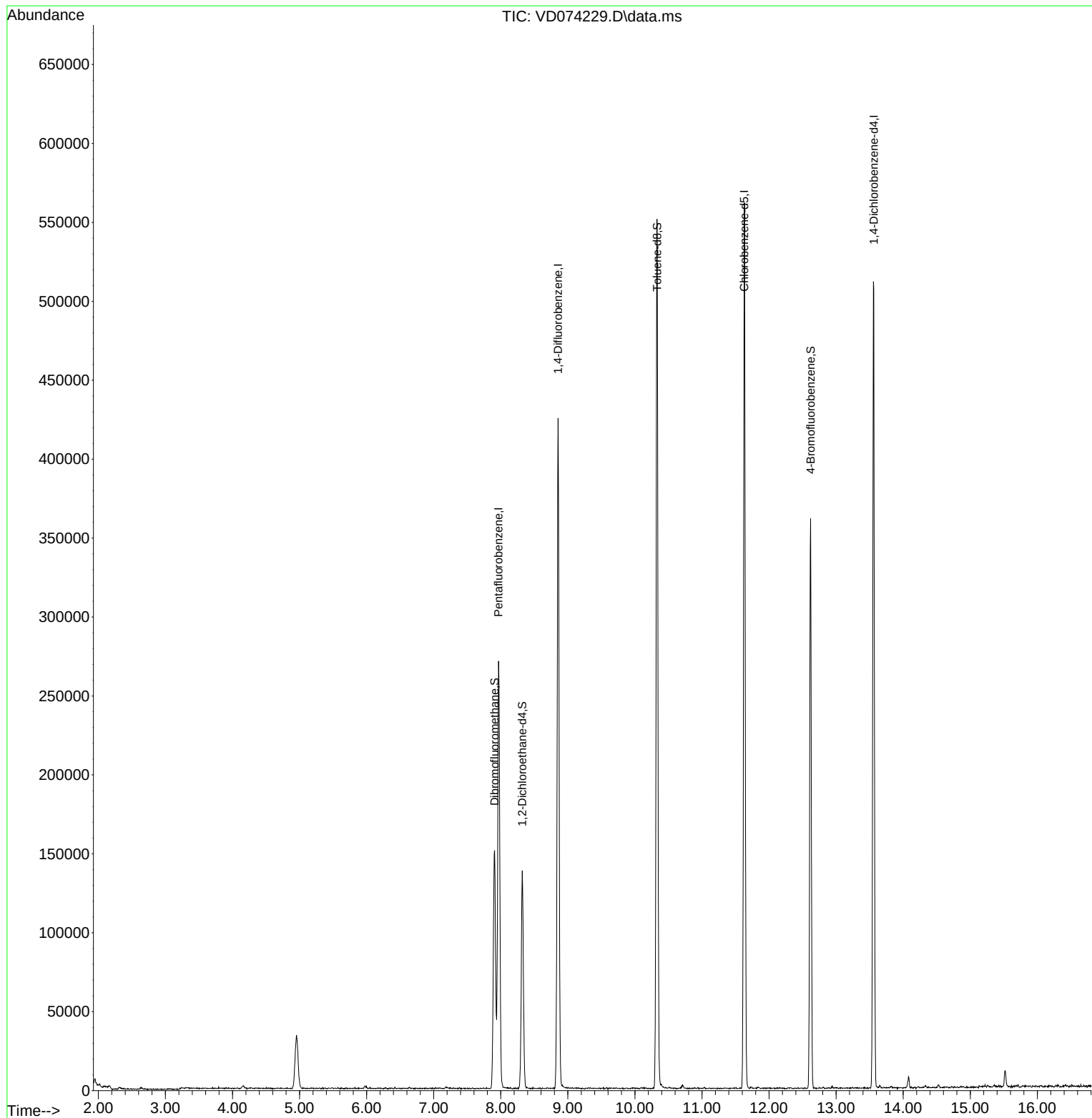
Target Compounds	Qvalue

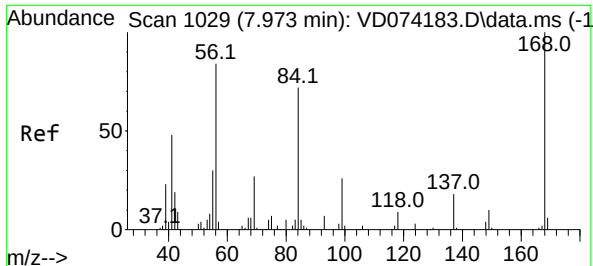
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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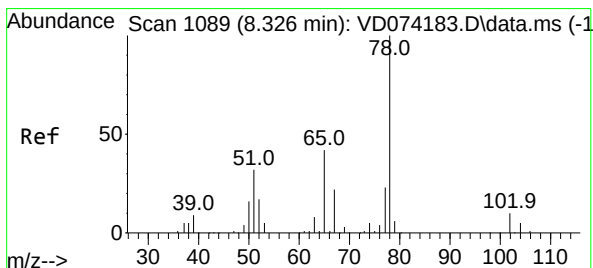
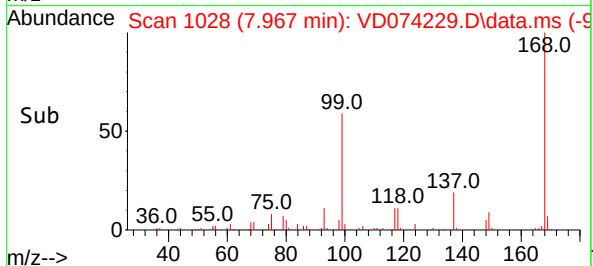
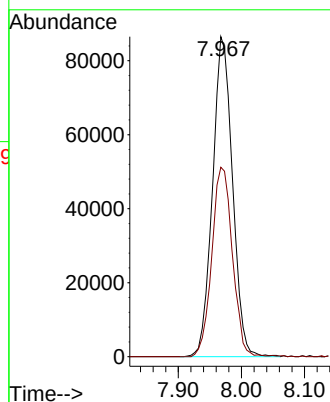
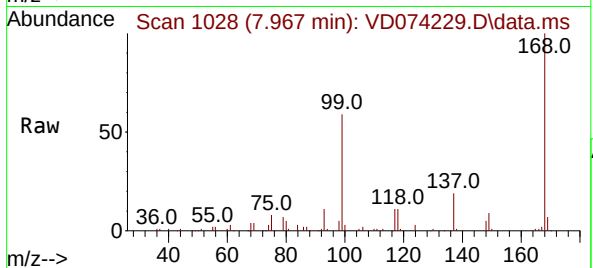




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

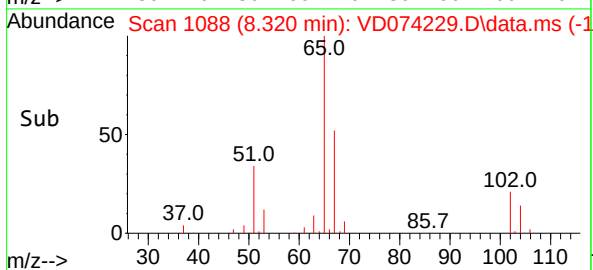
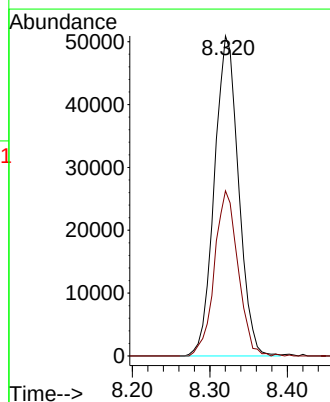
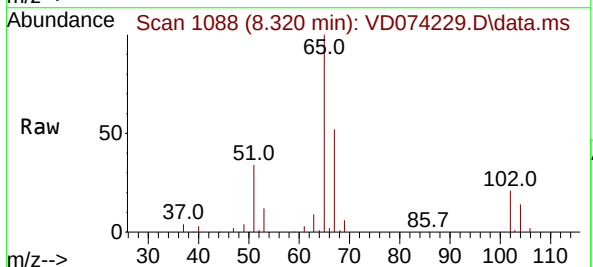
Instrument :
MSVOA_D
ClientSampleId :
B-3

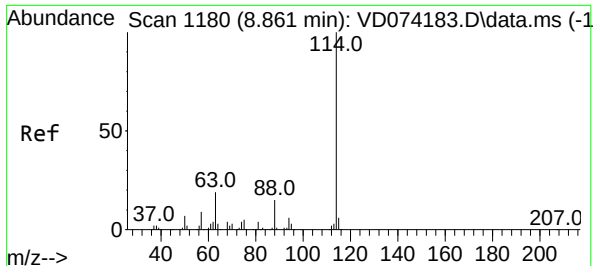
Tgt Ion:168 Resp: 190054
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 56.814 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

Tgt Ion: 65 Resp: 110337
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074229.D

Acq: 24 Aug 2022 18:03

Instrument :

MSVOA_D

ClientSampleId :

B-3

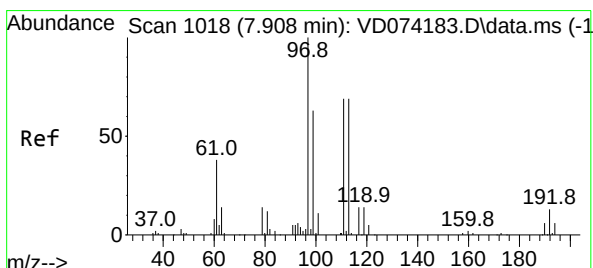
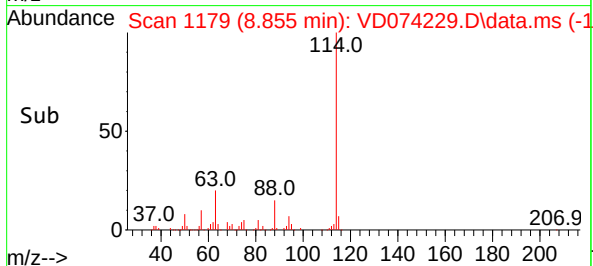
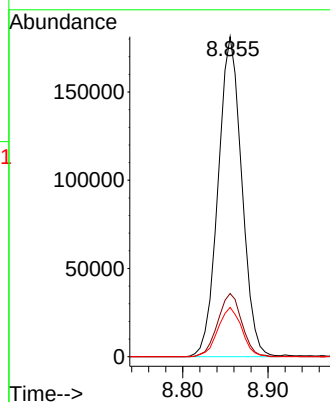
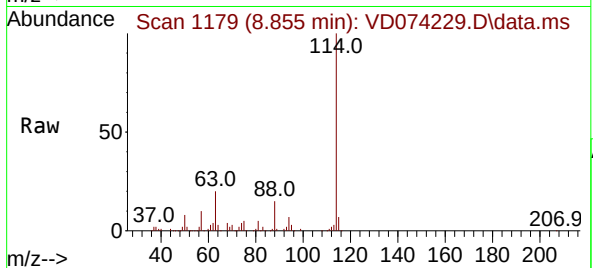
Tgt Ion:114 Resp: 350105

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.812 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074229.D

Acq: 24 Aug 2022 18:03

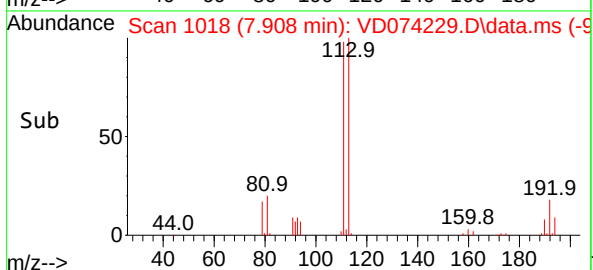
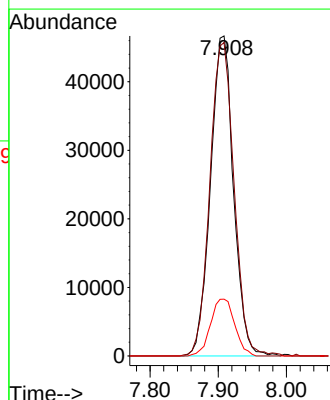
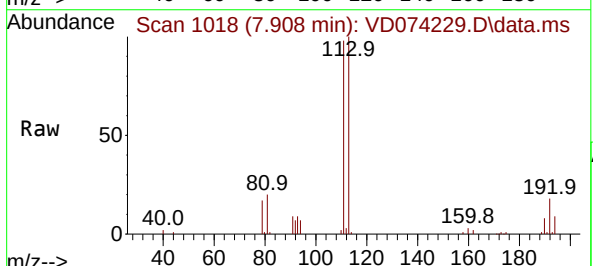
Tgt Ion:113 Resp: 109624

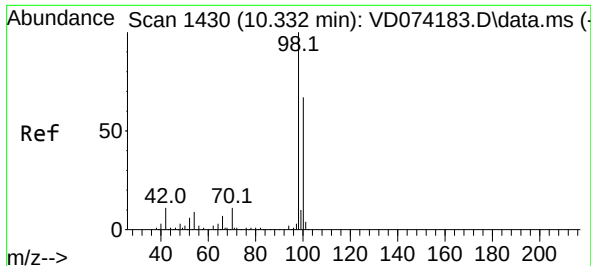
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.7 14.6 21.8

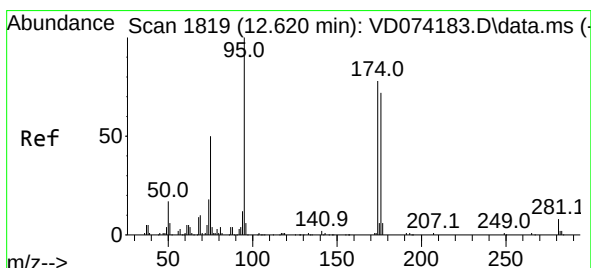
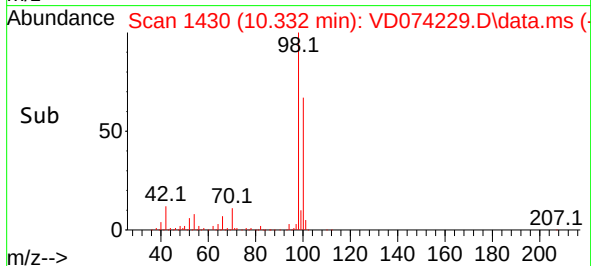
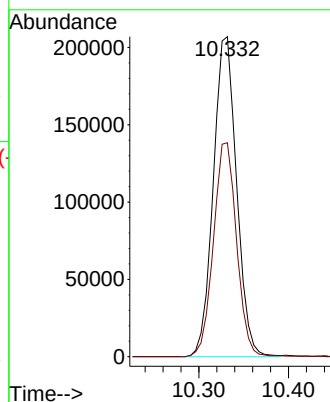
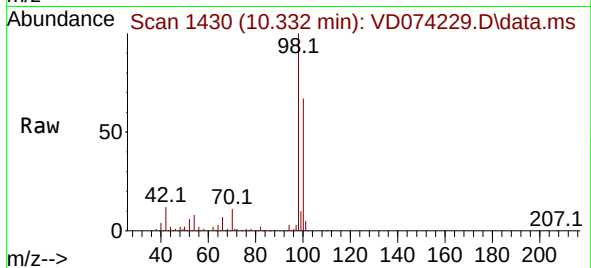




#50
Toluene-d8
Concen: 49.552 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

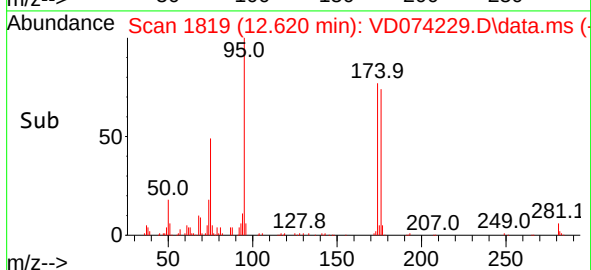
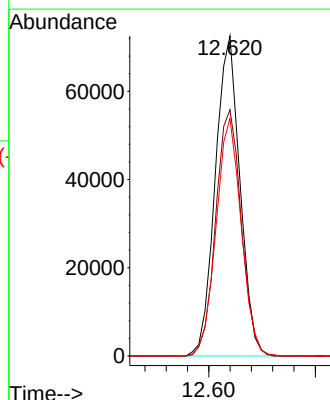
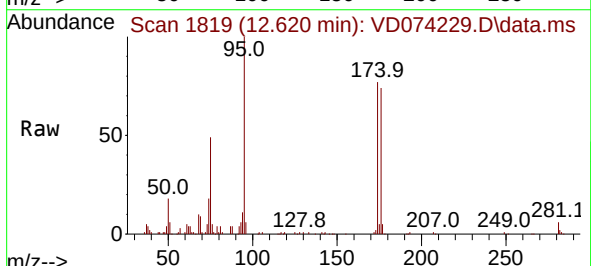
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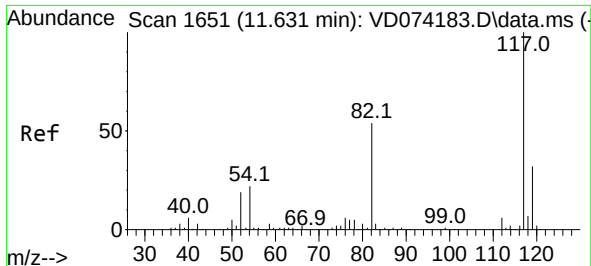
Tgt Ion: 98 Resp: 373466
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.089 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

Tgt Ion: 95 Resp: 116387
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 75.6 0.0 145.4

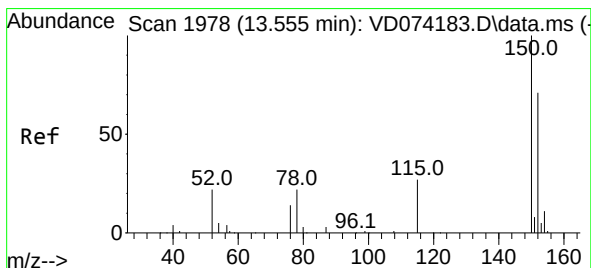
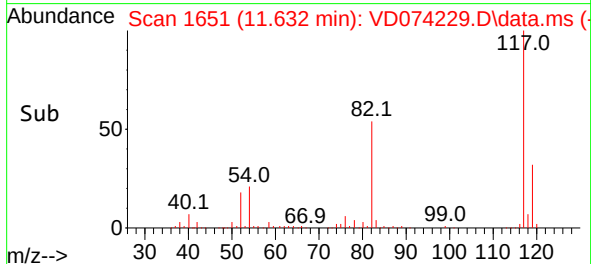
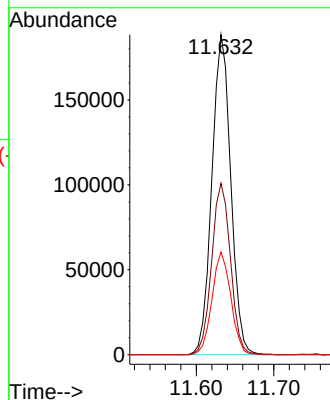
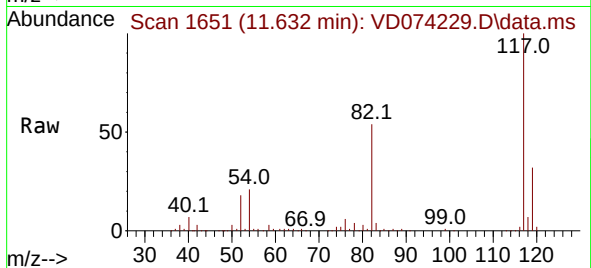




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

Instrument :
MSVOA_D
ClientSampleId :
B-3

Tgt Ion:117 Resp: 318885
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074229.D
Acq: 24 Aug 2022 18:03

Tgt Ion:152 Resp: 136048
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 159.3 0.0 348.6

