

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073929.D
 Acq On : 02 Aug 2022 16:27
 Operator : VA/SY
 Sample : N3947-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NSB06-14-15

Quant Time: Aug 03 04:13:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	104530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	225054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	226338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	99993	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	63216	75.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.800%
35) Dibromofluoromethane	7.908	113	79380	56.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.540%
50) Toluene-d8	10.332	98	287653	61.071	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.140%
62) 4-Bromofluorobenzene	12.620	95	97347	56.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.400%

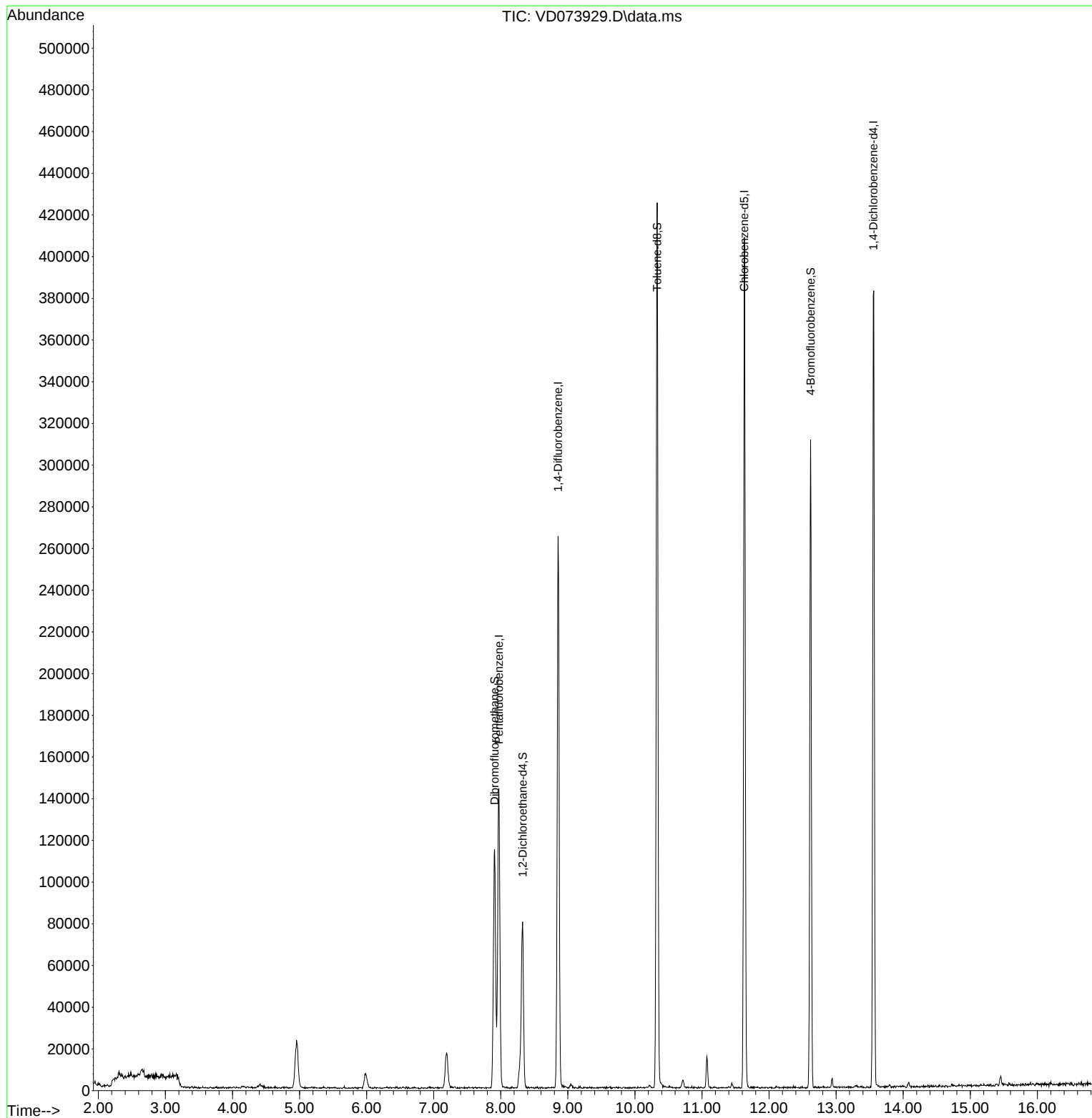
Target Compounds	Qvalue

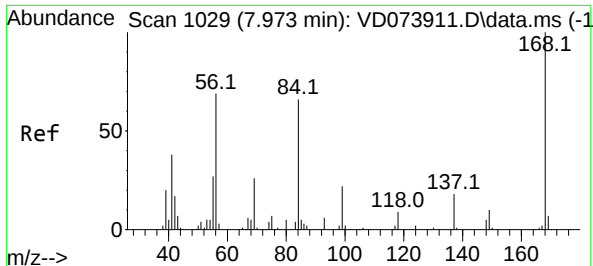
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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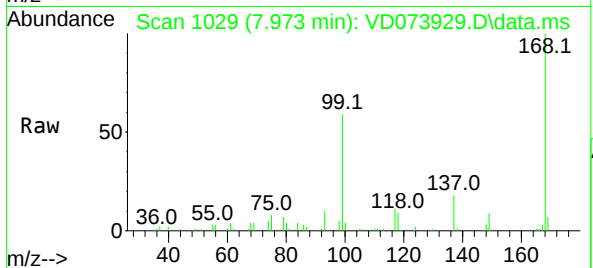
Quant Time: Aug 03 04:13:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
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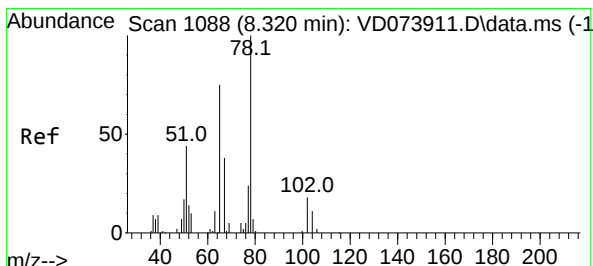
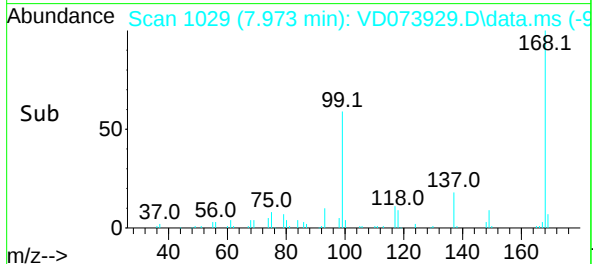
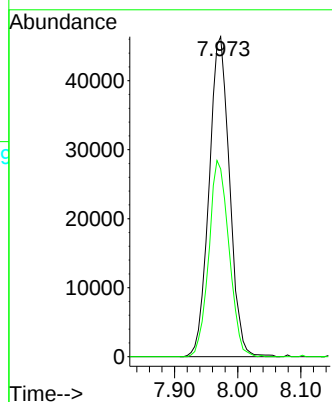


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073929.D
Acq: 02 Aug 2022 16:27

Instrument :
MSVOA_D
ClientSampleId :
NSB06-14-15

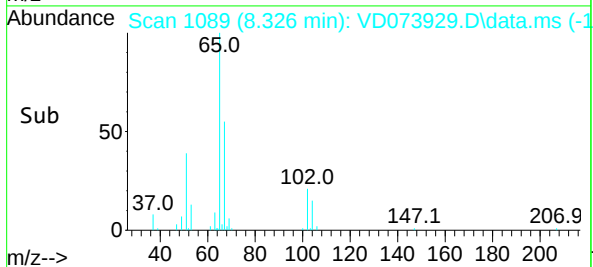
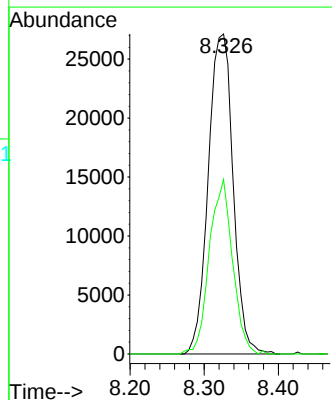
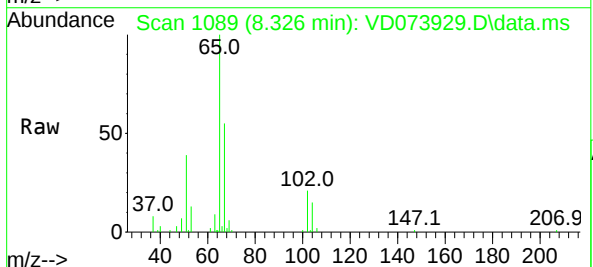


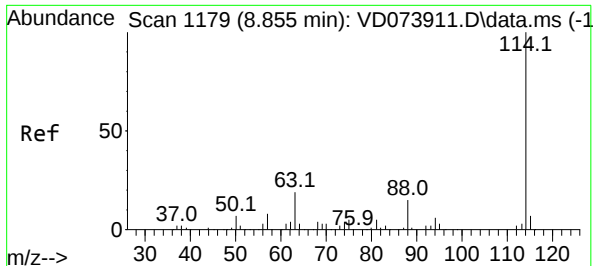
Tgt Ion:168 Resp: 104530
Ion Ratio Lower Upper
168 100
99 58.7 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 75.895 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073929.D
Acq: 02 Aug 2022 16:27

Tgt Ion: 65 Resp: 63216
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073929.D

Acq: 02 Aug 2022 16:27

Instrument :

MSVOA_D

ClientSampleId :

NSB06-14-15

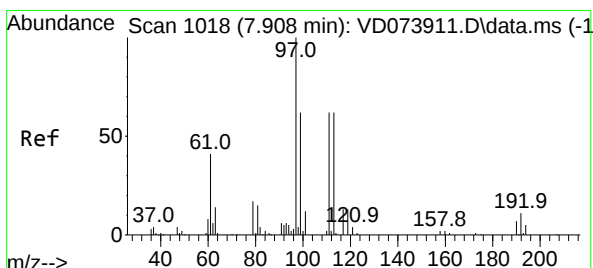
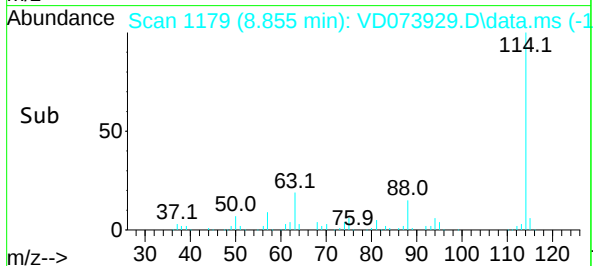
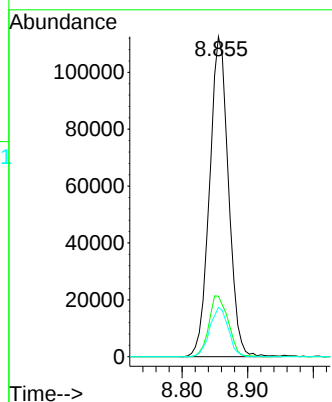
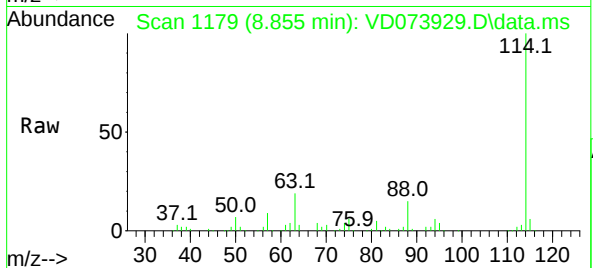
Tgt Ion:114 Resp: 225054

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.6

88 15.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 56.769 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073929.D

Acq: 02 Aug 2022 16:27

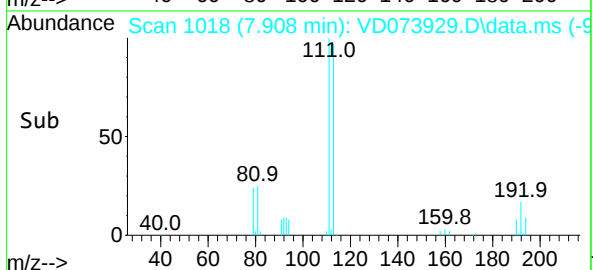
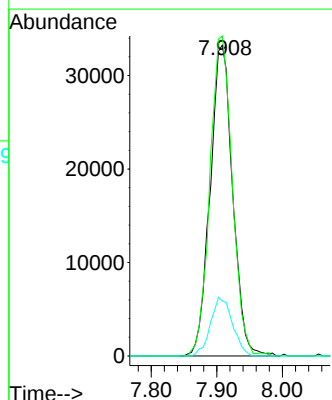
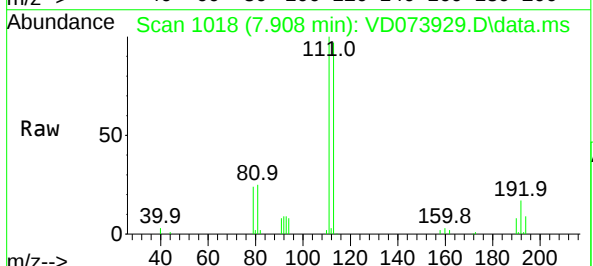
Tgt Ion:113 Resp: 79380

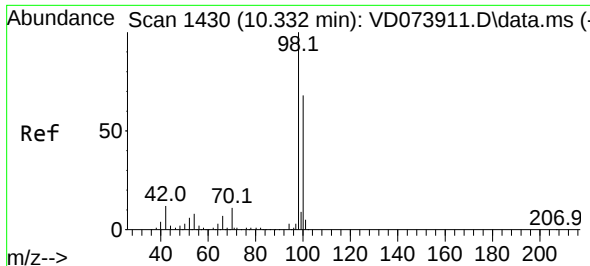
Ion Ratio Lower Upper

113 100

111 101.5 83.7 125.5

192 18.3 15.0 22.6

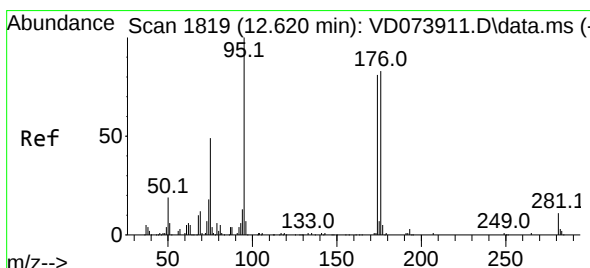
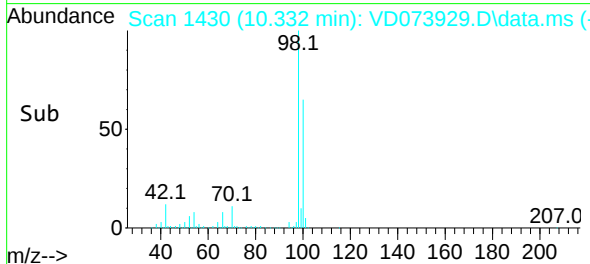
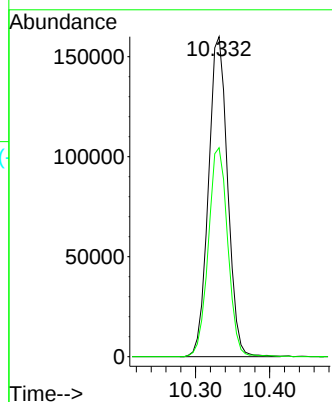
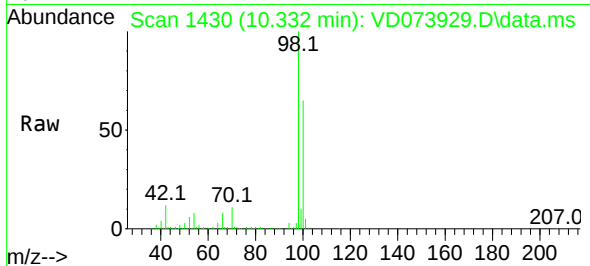




#50
Toluene-d8
Concen: 61.071 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073929.D
Acq: 02 Aug 2022 16:27

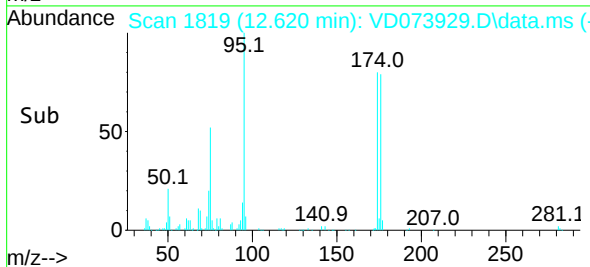
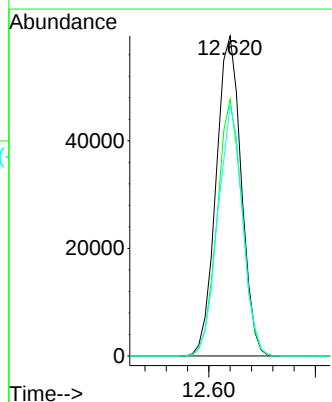
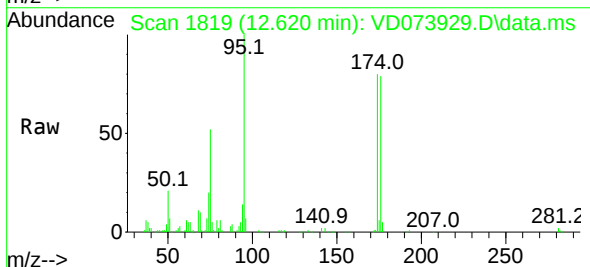
Instrument :
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NSB06-14-15

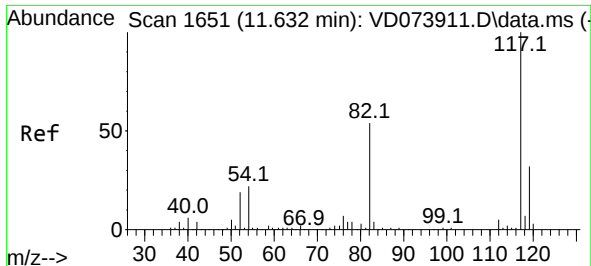
Tgt Ion: 98 Resp: 287653
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 56.201 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073929.D
Acq: 02 Aug 2022 16:27

Tgt Ion: 95 Resp: 97347
Ion Ratio Lower Upper
95 100
174 79.6 0.0 164.2
176 77.3 0.0 161.4

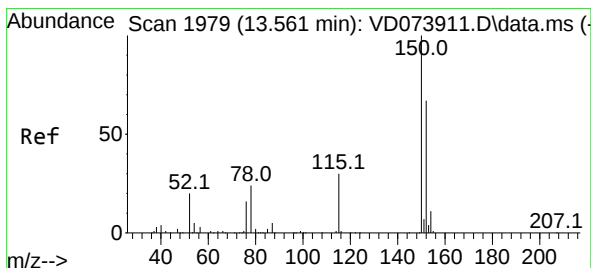
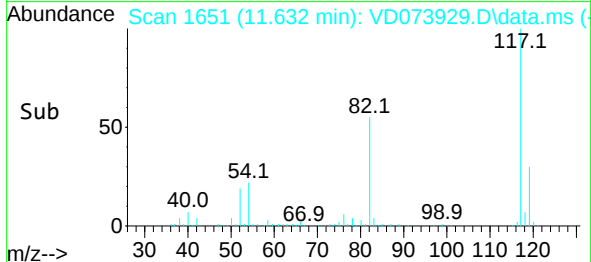
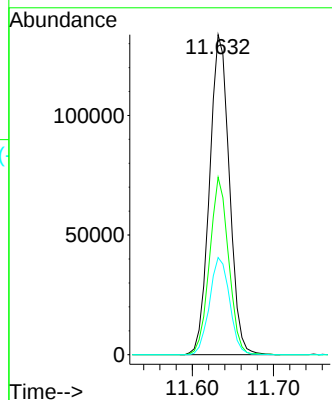
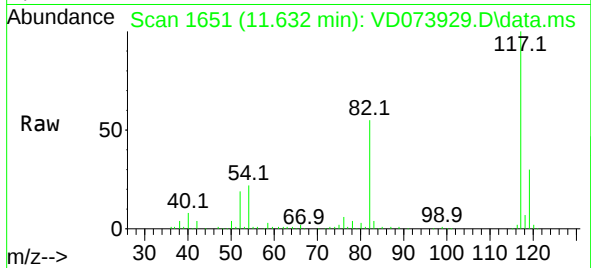




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073929.D
Acq: 02 Aug 2022 16:27

Instrument :
MSVOA_D
ClientSampleId :
NSB06-14-15

Tgt Ion:117 Resp: 226338
Ion Ratio Lower Upper
117 100
82 55.4 43.3 64.9
119 30.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073929.D
Acq: 02 Aug 2022 16:27

Tgt Ion:152 Resp: 99993
Ion Ratio Lower Upper
152 100
115 64.0 29.1 87.3
150 159.5 0.0 338.2

