

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073922.D
 Acq On : 02 Aug 2022 12:59
 Operator : VA/SY
 Sample : N3947-02
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NSB07-14-15

Quant Time: Aug 03 04:11:40 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	7.967	168	1489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	2777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.626	117	2314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	886	74.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.180%
35) Dibromofluoromethane	7.914	113	868	50.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.620%
50) Toluene-d8	10.326	98	3451	59.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.760%
62) 4-Bromofluorobenzene	12.620	95	898	42.016	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.040%

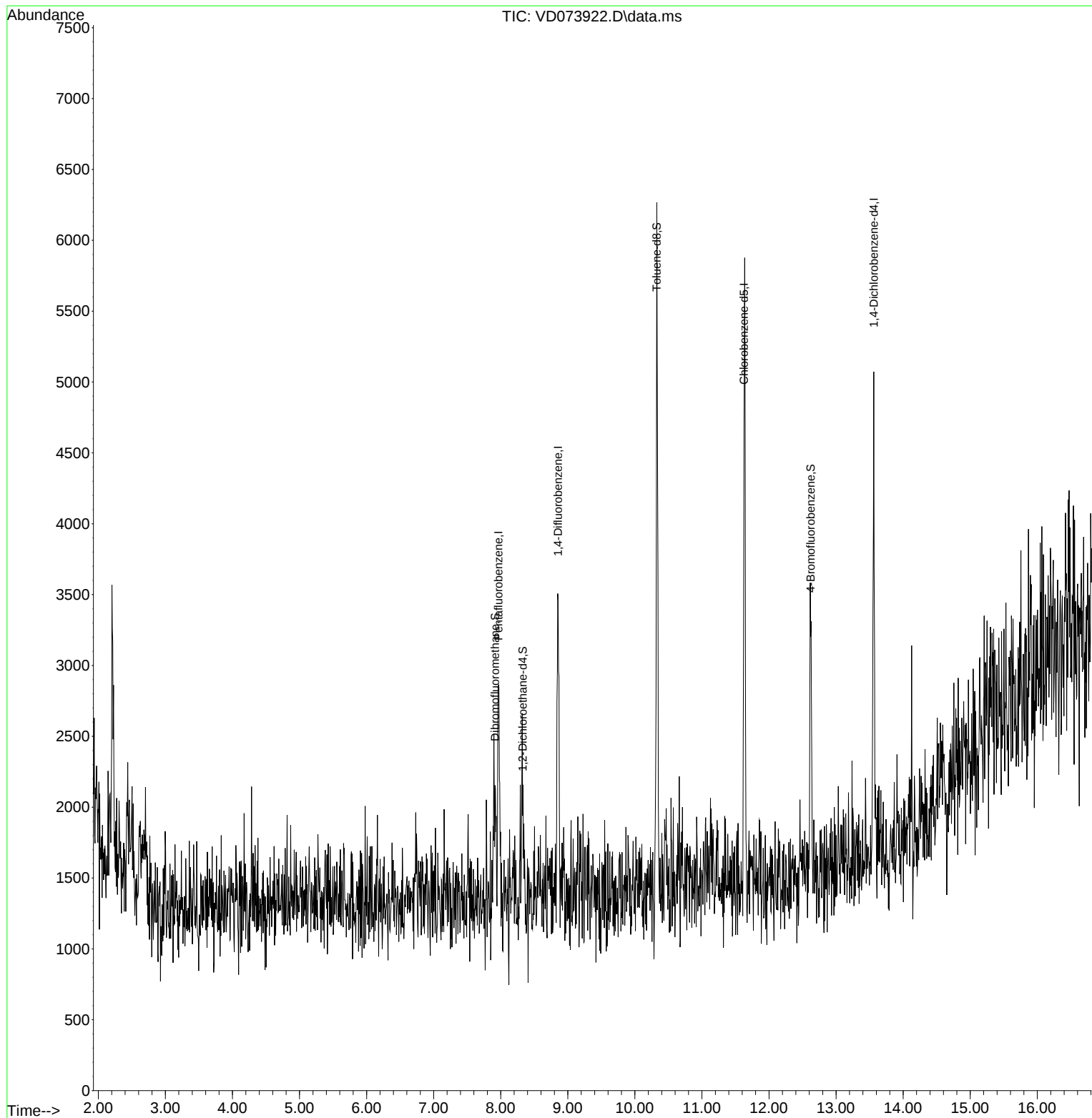
Target Compounds	Qvalue

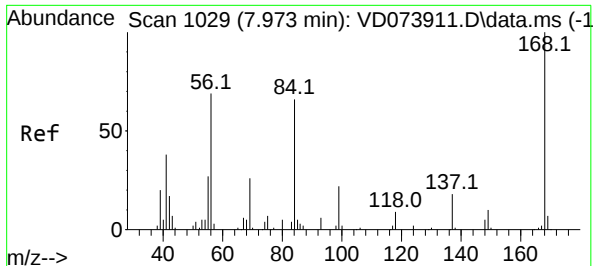
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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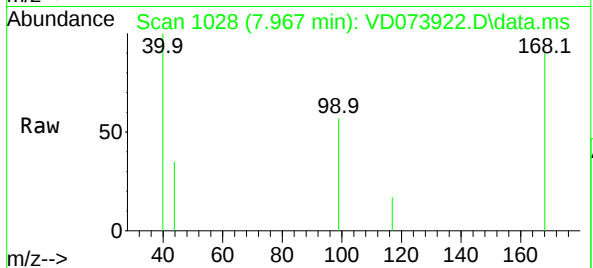
Quant Time: Aug 03 04:11:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
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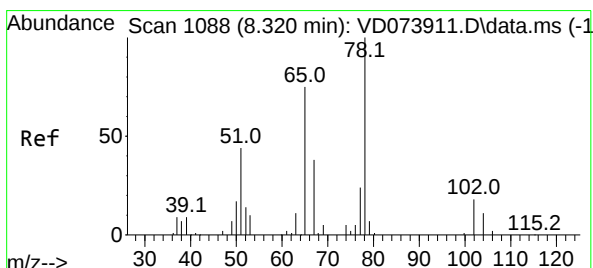
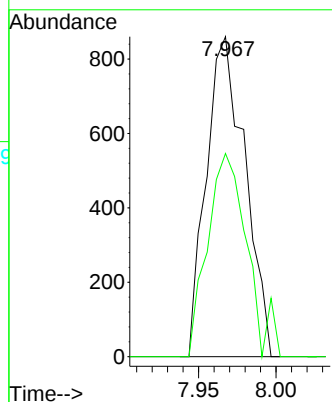
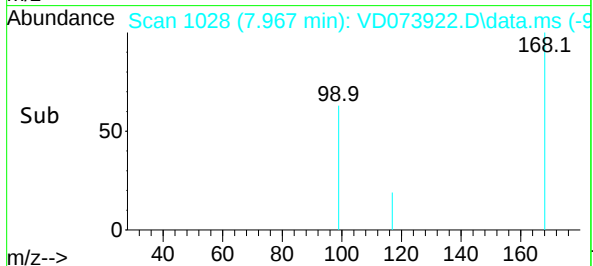


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073922.D
Acq: 02 Aug 2022 12:59

Instrument :
MSVOA_D
ClientSampleId :
NSB07-14-15

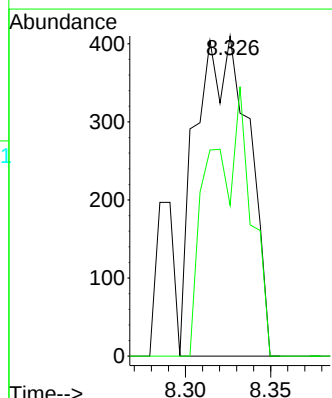
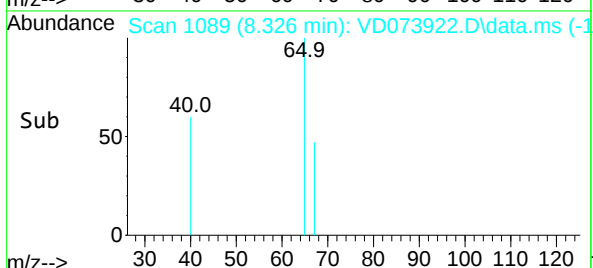
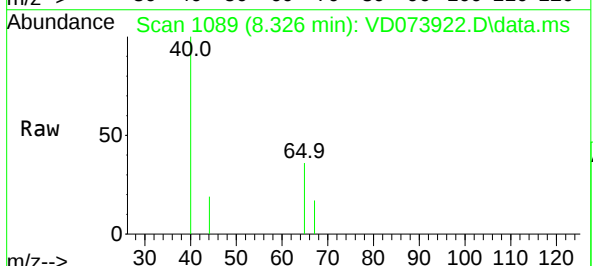


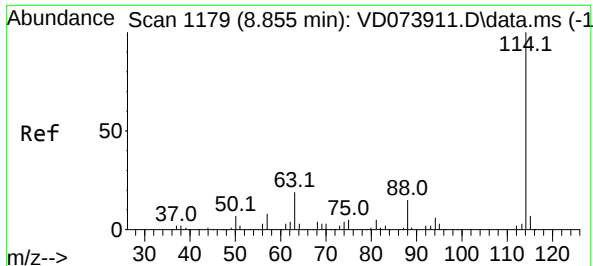
Tgt Ion:168 Resp: 1489
Ion Ratio Lower Upper
168 100
99 63.5 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 74.592 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073922.D
Acq: 02 Aug 2022 12:59

Tgt Ion: 65 Resp: 886
Ion Ratio Lower Upper
65 100
67 37.1 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073922.D

Acq: 02 Aug 2022 12:59

Instrument :

MSVOA_D

ClientSampleId :

NSB07-14-15

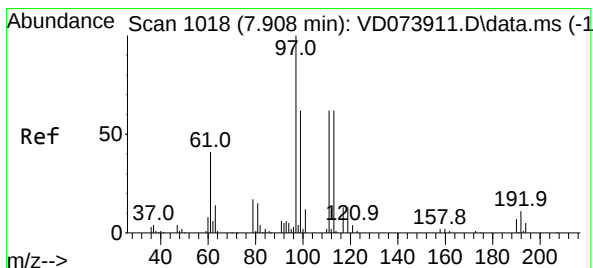
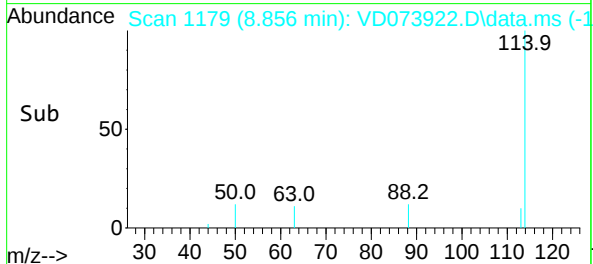
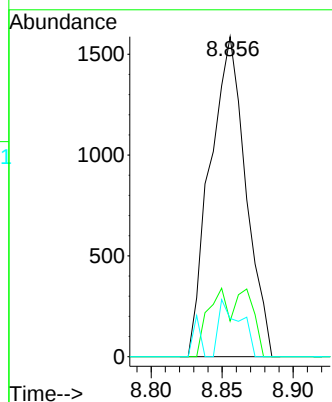
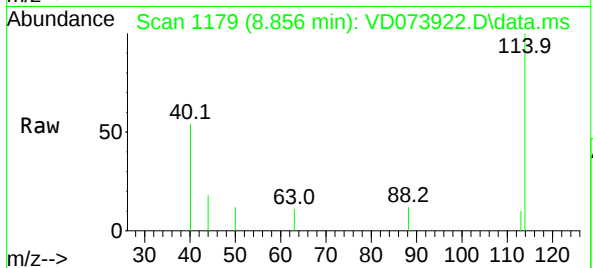
Tgt Ion:114 Resp: 2777

Ion Ratio Lower Upper

114 100

63 11.1 0.0 37.6

88 11.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.307 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD073922.D

Acq: 02 Aug 2022 12:59

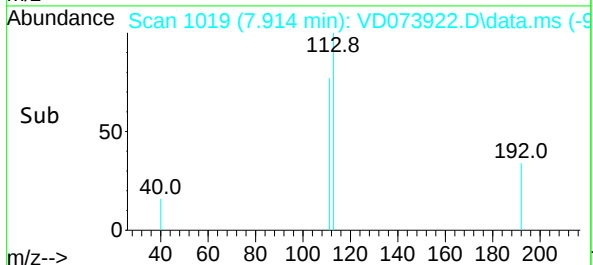
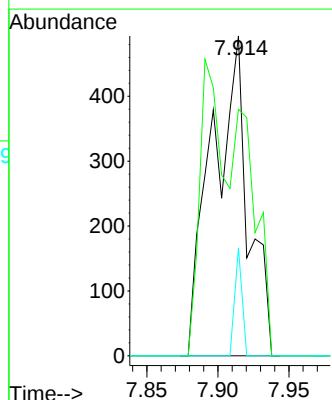
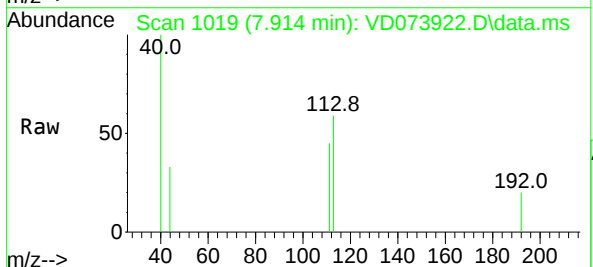
Tgt Ion:113 Resp: 868

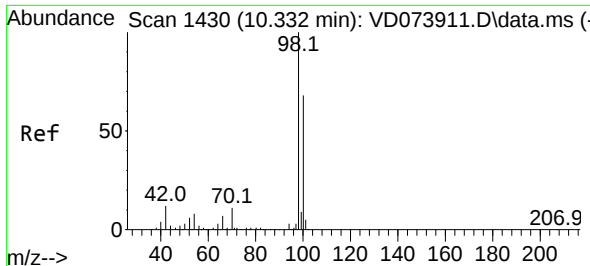
Ion Ratio Lower Upper

113 100

111 0.0 83.7 125.5#

192 6.8 15.0 22.6#

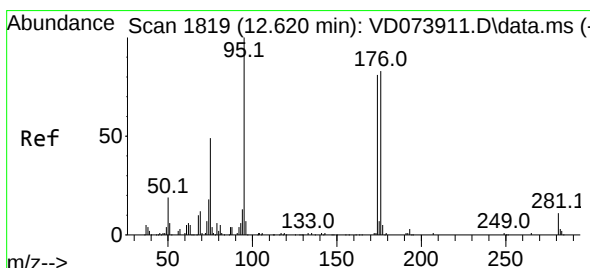
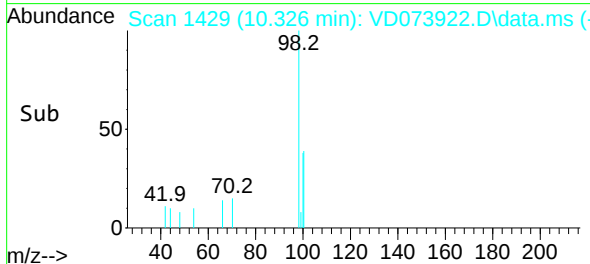
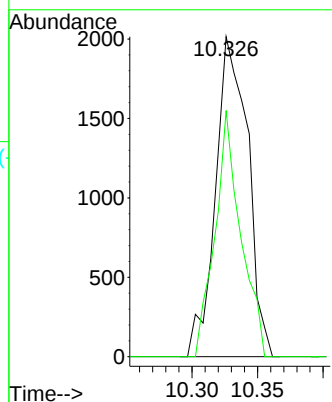
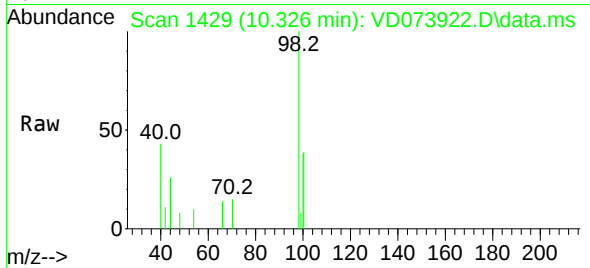




#50
Toluene-d8
Concen: 59.378 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073922.D
Acq: 02 Aug 2022 12:59

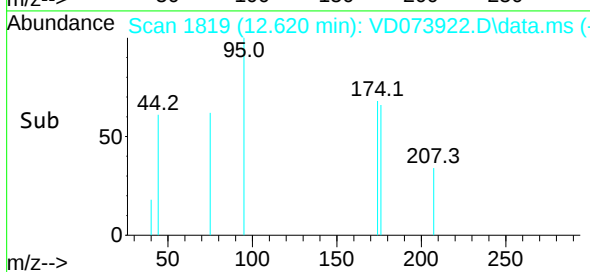
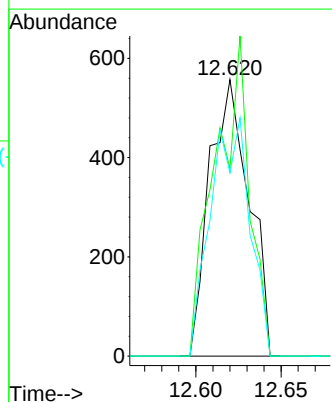
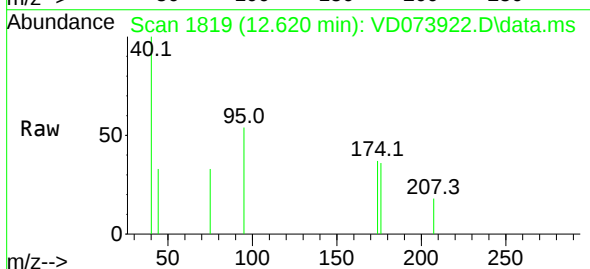
Instrument :
MSVOA_D
ClientSampleId :
NSB07-14-15

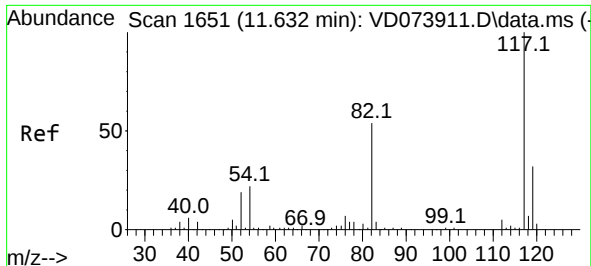
Tgt Ion: 98 Resp: 3451
Ion Ratio Lower Upper
98 100
100 61.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.016 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073922.D
Acq: 02 Aug 2022 12:59

Tgt Ion: 95 Resp: 898
Ion Ratio Lower Upper
95 100
174 99.8 0.0 164.2
176 85.2 0.0 161.4

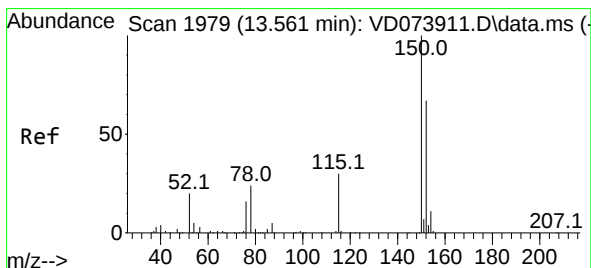
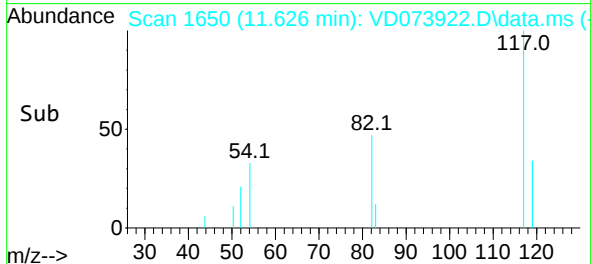
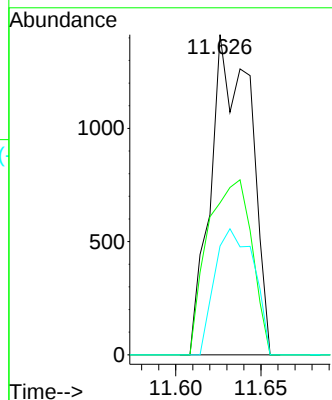
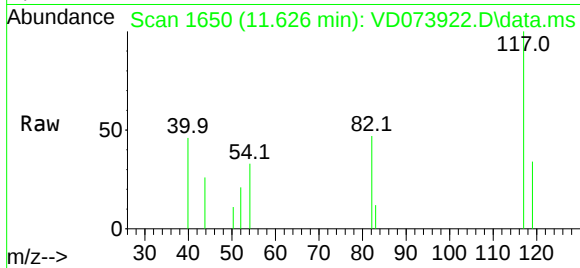




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.626 min Scan# 1650
Delta R.T. -0.006 min
Lab File: VD073922.D
Acq: 02 Aug 2022 12:59

Instrument :
MSVOA_D
ClientSampleId :
NSB07-14-15

Tgt Ion:117 Resp: 2314
Ion Ratio Lower Upper
117 100
82 47.5 43.3 64.9
119 33.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073922.D
Acq: 02 Aug 2022 12:59

Tgt Ion:152 Resp: 710
Ion Ratio Lower Upper
152 100
115 59.2 29.1 87.3
150 193.5 0.0 338.2

