

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080522\
 Data File : VD073970.D
 Acq On : 05 Aug 2022 17:30
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Aug 06 00:37:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	161893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	280294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	254017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	114375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	70137	57.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.480%
35) Dibromofluoromethane	7.903	113	79089	45.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.600%
50) Toluene-d8	10.332	98	228421	47.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.760%
62) 4-Bromofluorobenzene	12.620	95	86671	37.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.320%

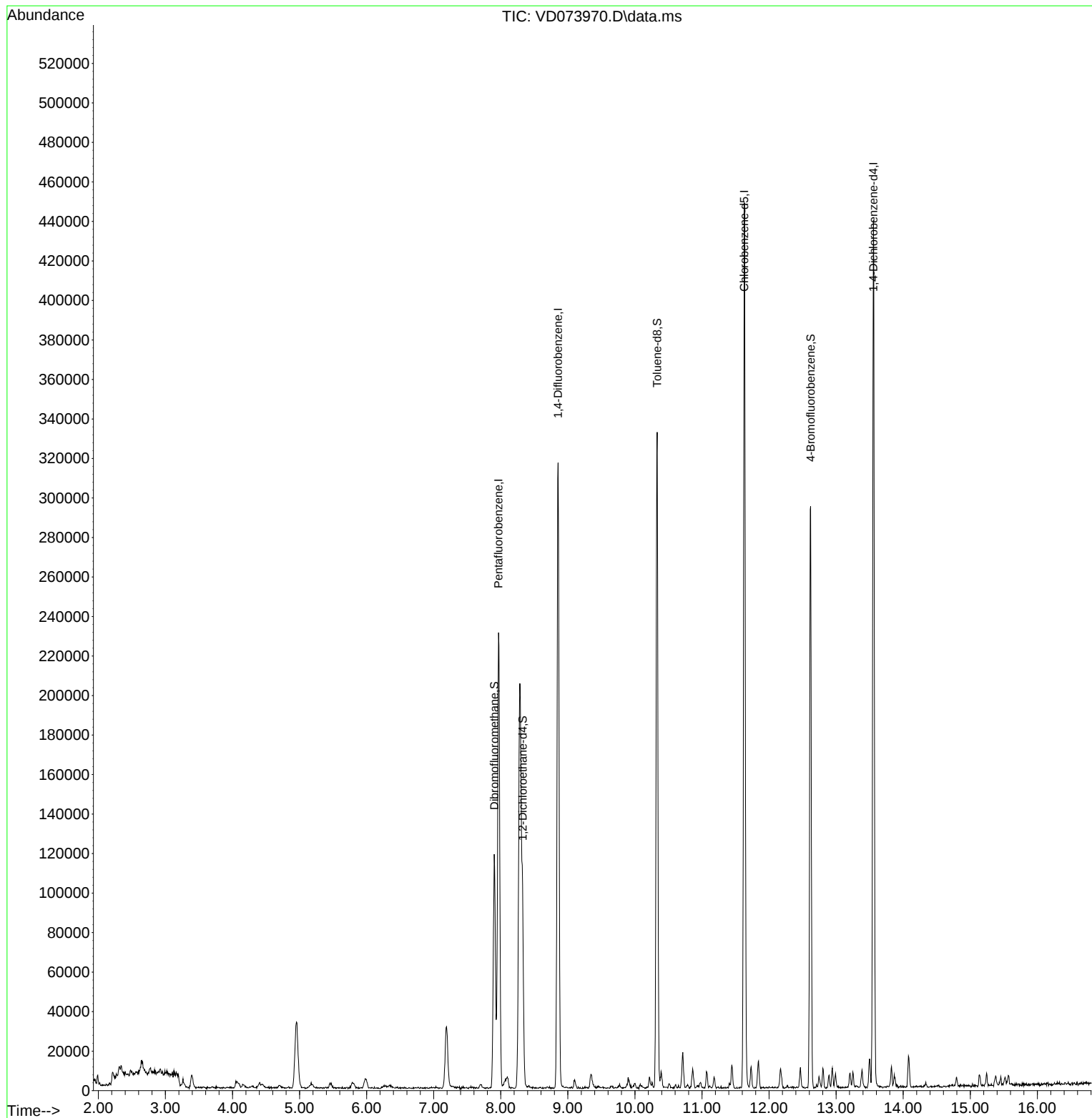
Target Compounds	Qvalue

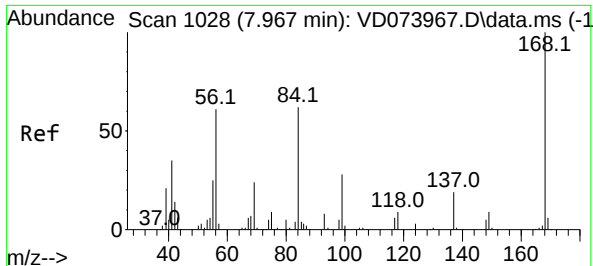
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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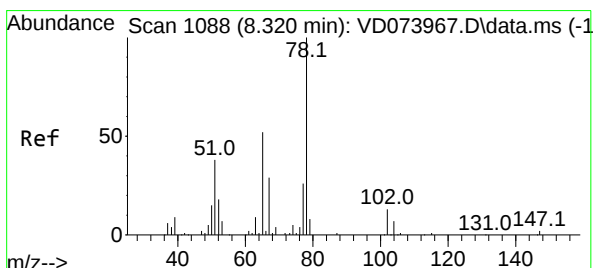
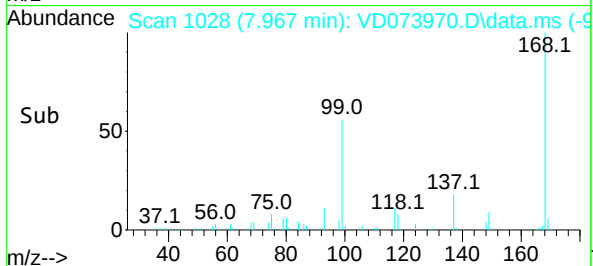
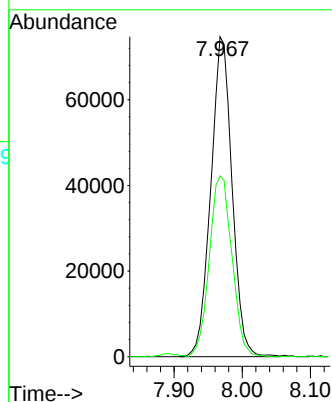
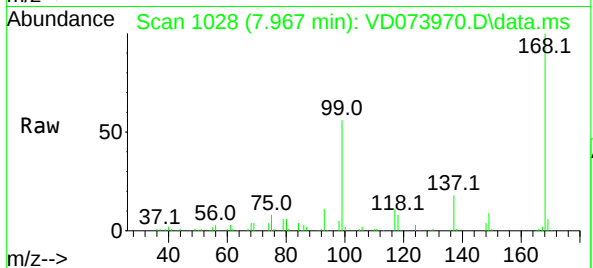




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073970.D
Acq: 05 Aug 2022 17:30

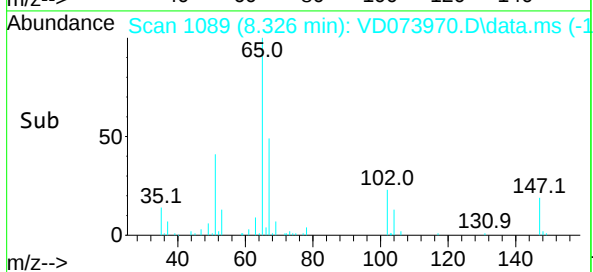
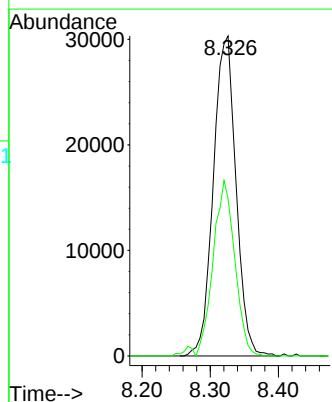
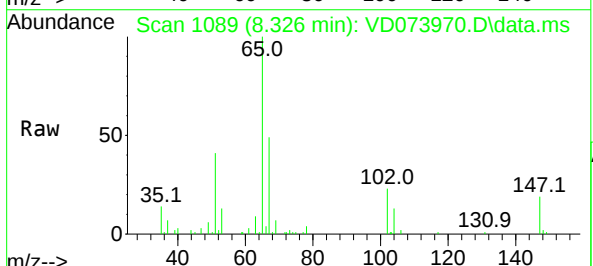
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

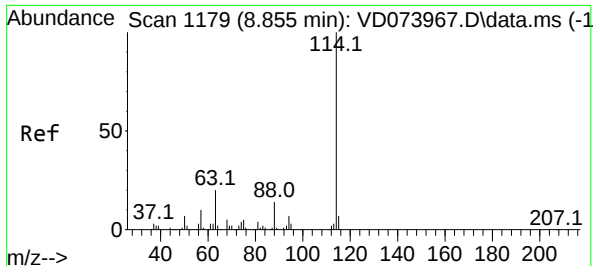
Tgt Ion:168 Resp: 161893
Ion Ratio Lower Upper
168 100
99 56.3 46.2 69.4



#33
1,2-Dichloroethane-d4
Concen: 57.236 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073970.D
Acq: 05 Aug 2022 17:30

Tgt Ion: 65 Resp: 70137
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073970.D

Acq: 05 Aug 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

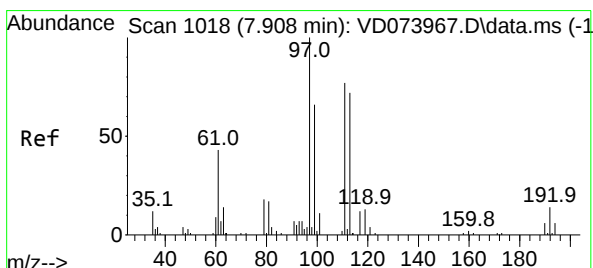
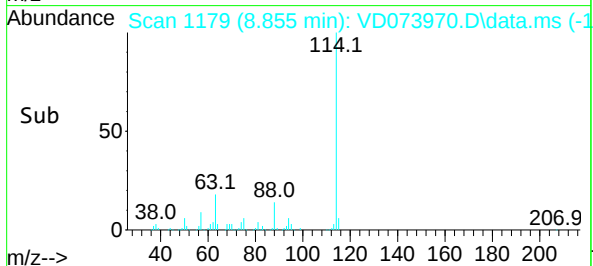
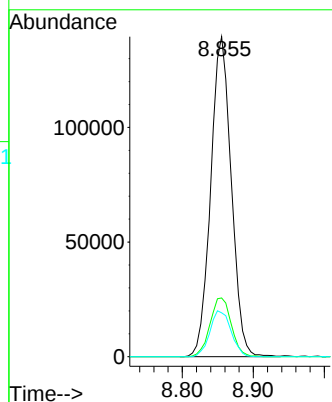
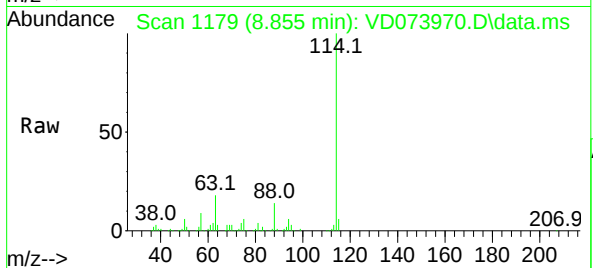
Tgt Ion:114 Resp: 280294

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.8

88 13.7 0.0 28.0



#35

Dibromofluoromethane

Concen: 45.800 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073970.D

Acq: 05 Aug 2022 17:30

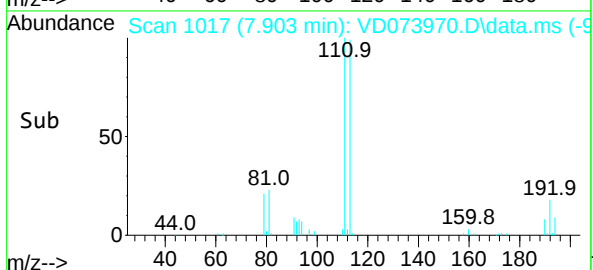
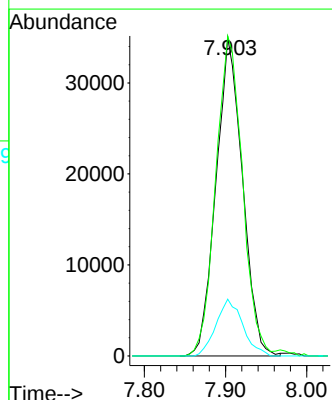
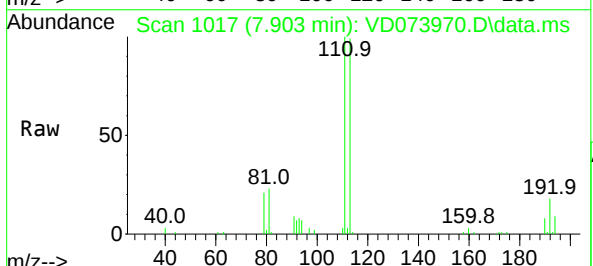
Tgt Ion:113 Resp: 79089

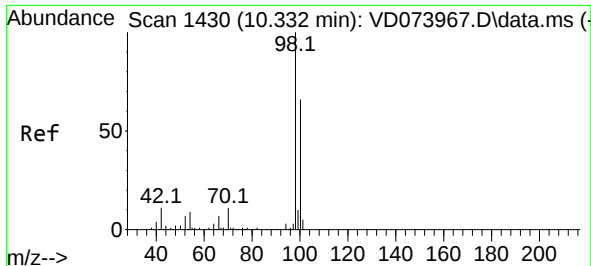
Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 18.1 14.8 22.2

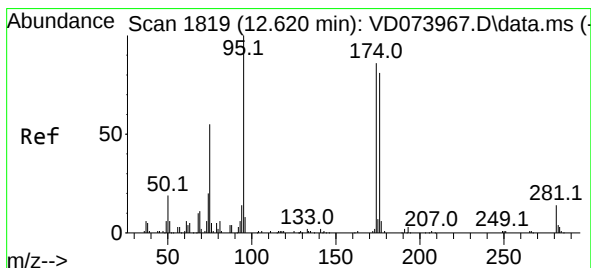
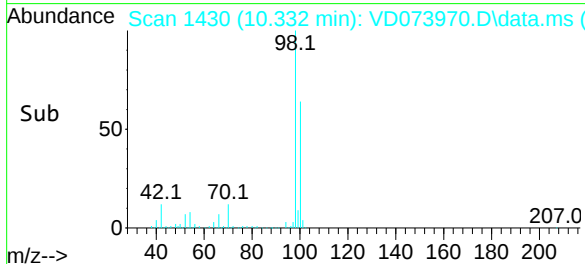
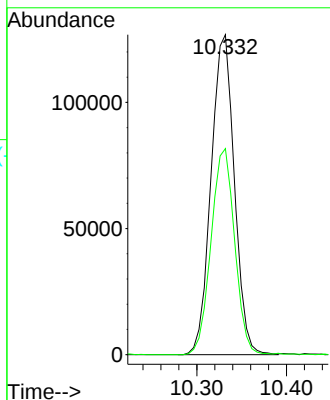
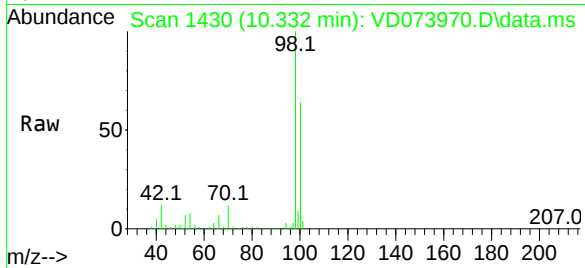




#50
Toluene-d8
Concen: 47.883 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073970.D
Acq: 05 Aug 2022 17:30

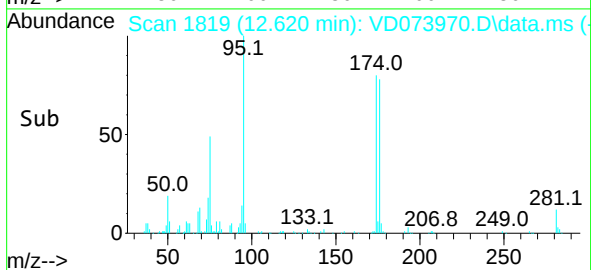
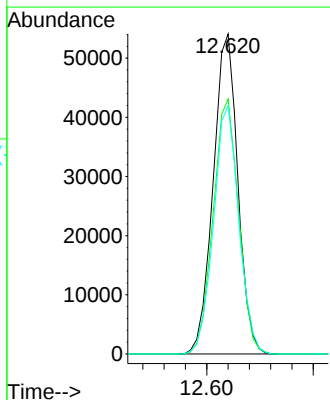
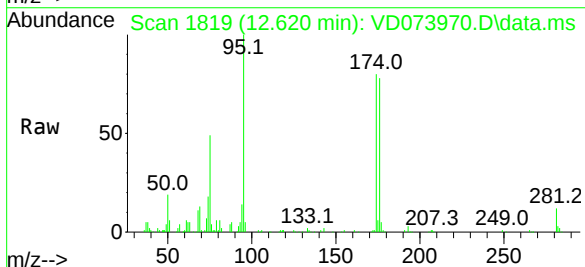
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

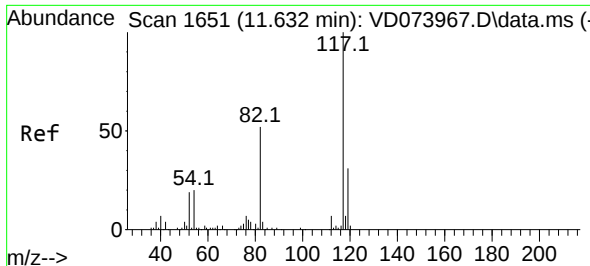
Tgt Ion: 98 Resp: 228421
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 37.660 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073970.D
Acq: 05 Aug 2022 17:30

Tgt Ion: 95 Resp: 86671
Ion Ratio Lower Upper
95 100
174 82.3 0.0 163.0
176 79.3 0.0 154.8

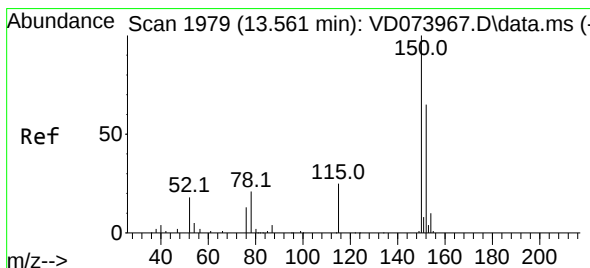
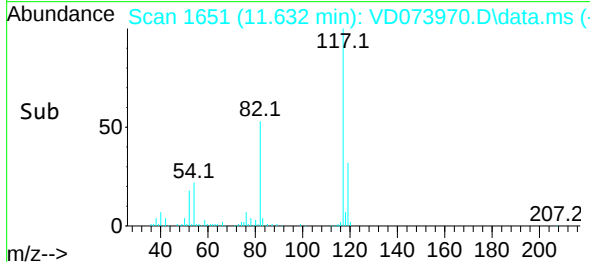
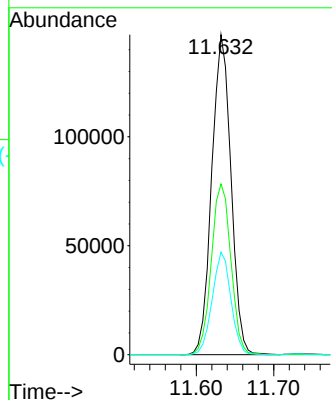
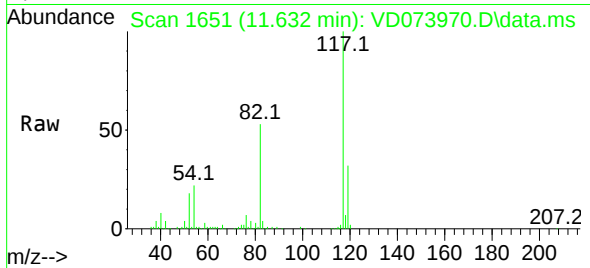




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD073970.D
Acq: 05 Aug 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 254017
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073970.D
Acq: 05 Aug 2022 17:30

Tgt Ion:152 Resp: 114375
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 159.1 0.0 357.2

