

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074127.D
 Acq On : 17 Aug 2022 16:37
 Operator : VA/SY
 Sample : N4188-04
 Misc : 10.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S3

Quant Time: Aug 18 03:21:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	139349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	245334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	220030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	86803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	59233	58.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.720%
35) Dibromofluoromethane	7.902	113	75312	48.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.331	98	163801	34.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	68.820%
62) 4-Bromofluorobenzene	12.620	95	73017	37.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.300%

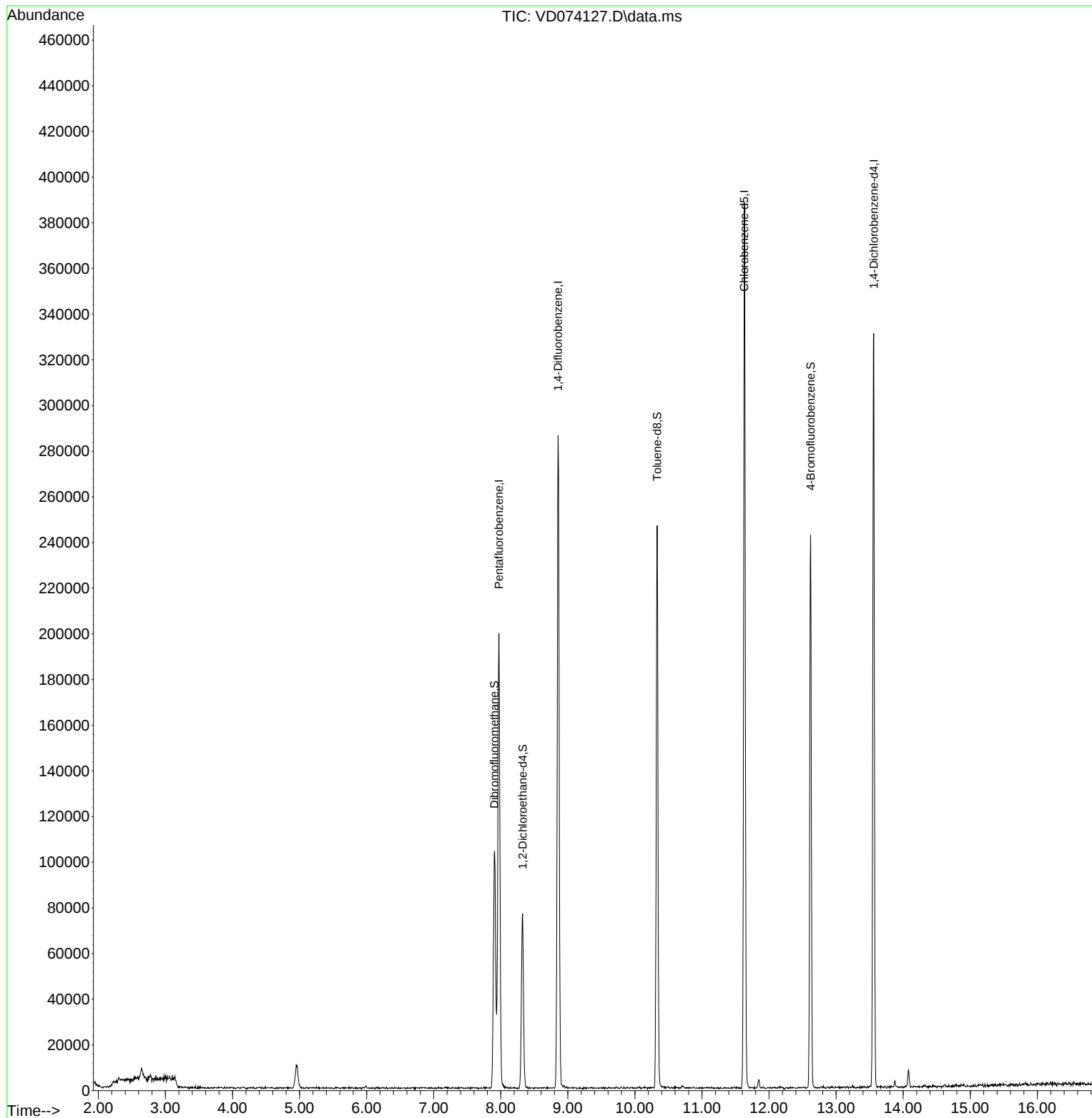
Target Compounds	Qvalue

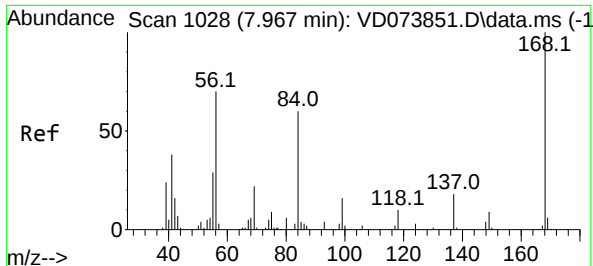
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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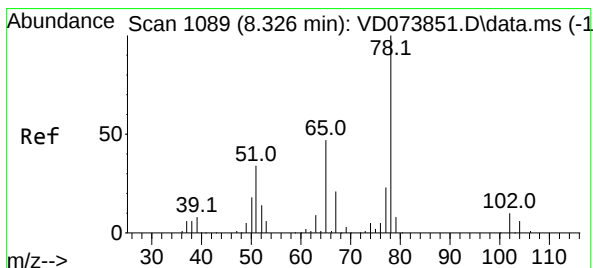
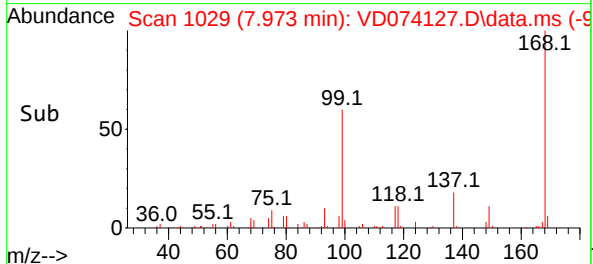
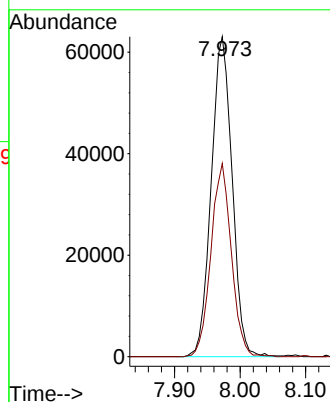
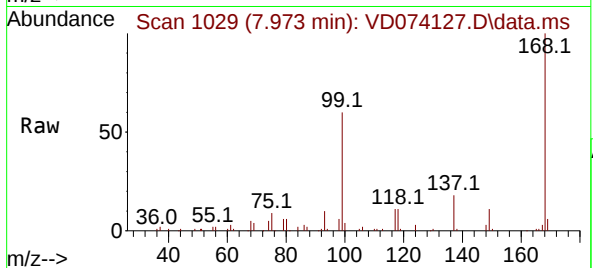




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

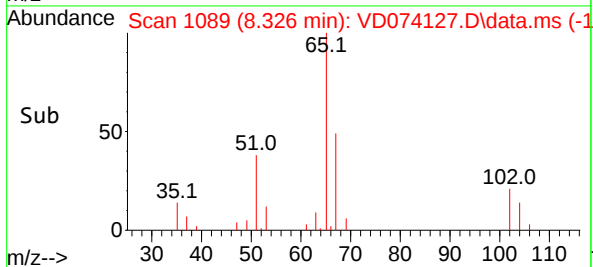
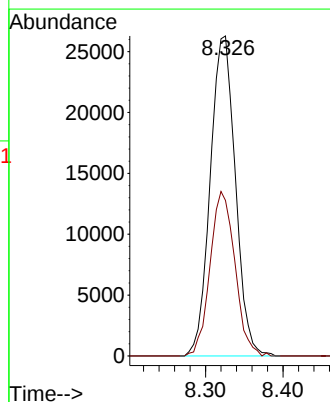
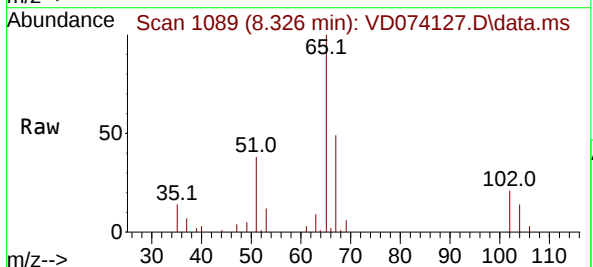
Instrument :
MSVOA_D
ClientSampleId :
S3

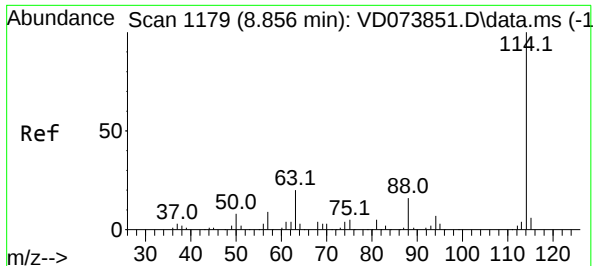
Tgt Ion:168 Resp: 139349
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 58.357 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Tgt Ion: 65 Resp: 59233
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074127.D

Acq: 17 Aug 2022 16:37

Instrument :

MSVOA_D

ClientSampleId :

S3

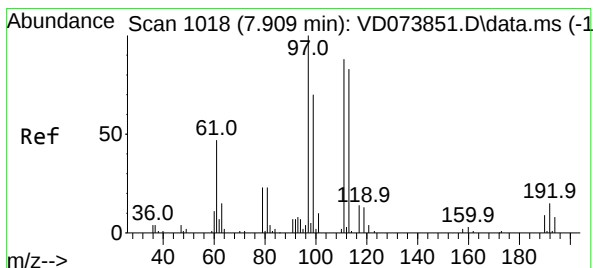
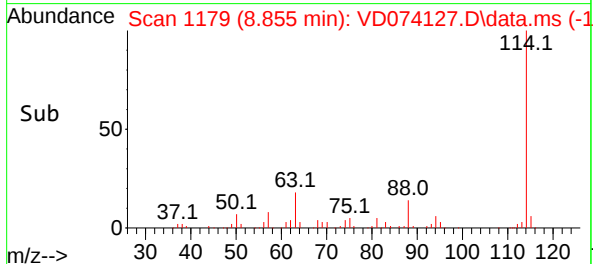
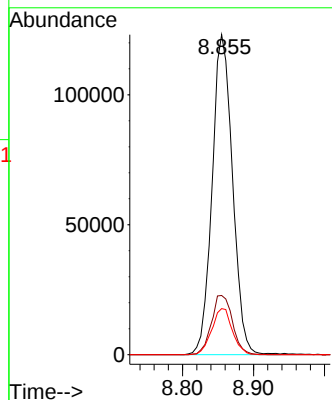
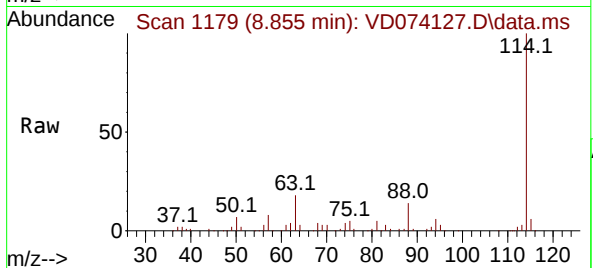
Tgt Ion:114 Resp: 245334

Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 14.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.039 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.007 min

Lab File: VD074127.D

Acq: 17 Aug 2022 16:37

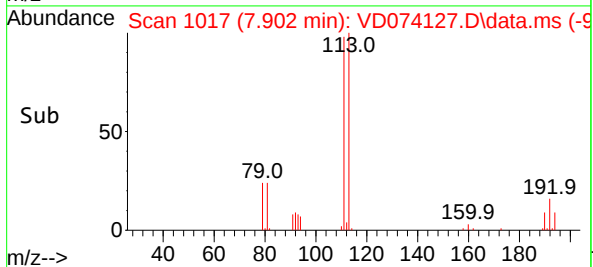
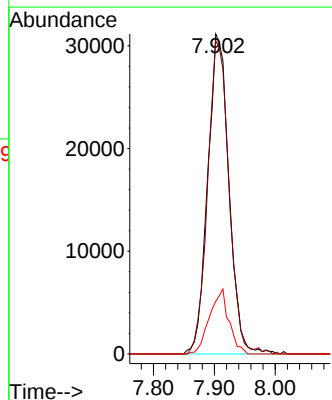
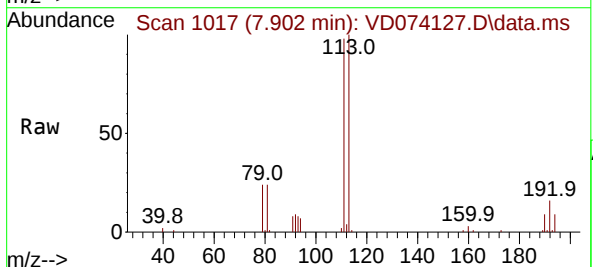
Tgt Ion:113 Resp: 75312

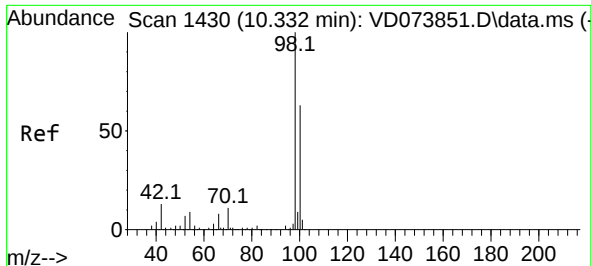
Ion Ratio Lower Upper

113 100

111 98.4 83.8 125.6

192 18.5 14.6 21.8

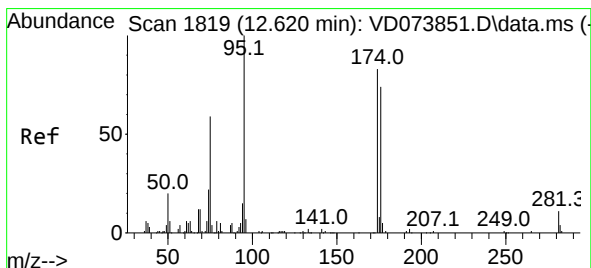
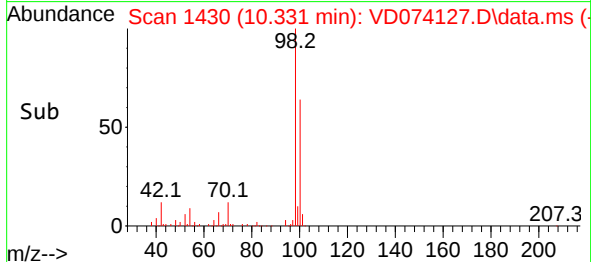
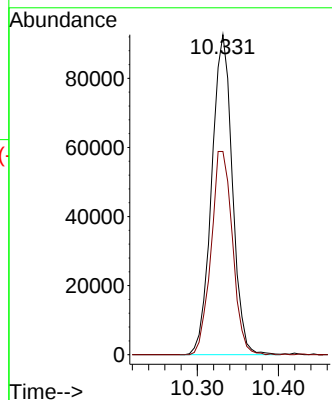
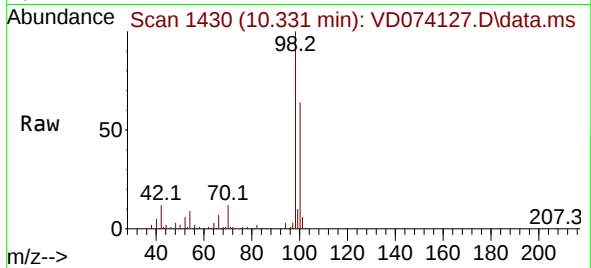




#50
Toluene-d8
Concen: 34.413 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

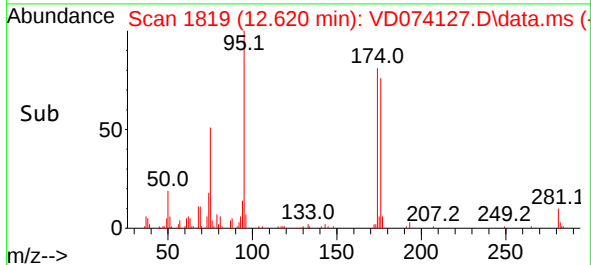
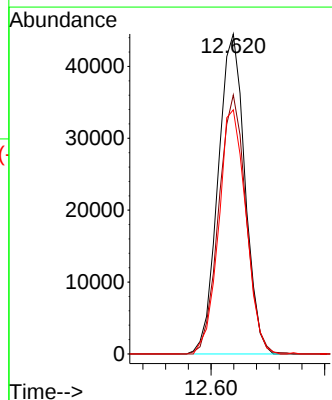
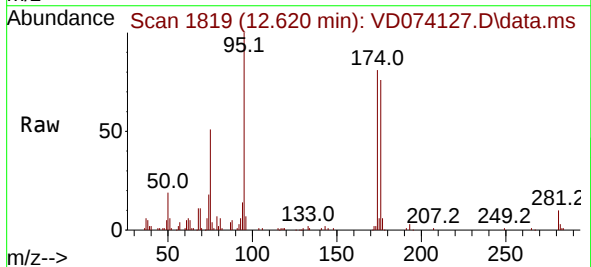
Instrument :
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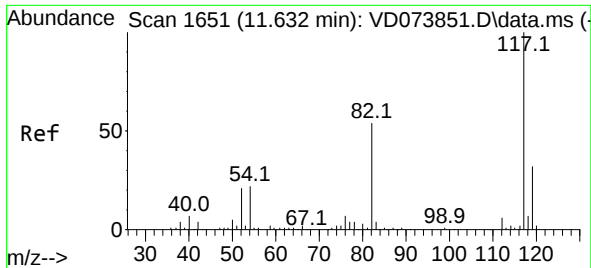
Tgt Ion: 98 Resp: 163801
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 37.148 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Tgt Ion: 95 Resp: 73017
Ion Ratio Lower Upper
95 100
174 82.1 0.0 152.8
176 77.4 0.0 145.4

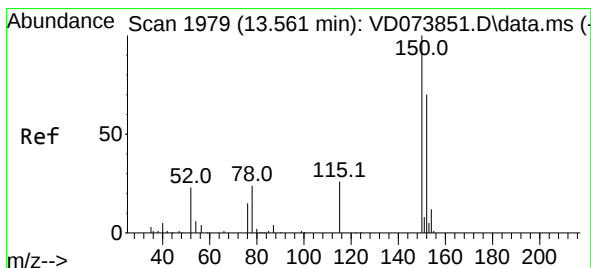
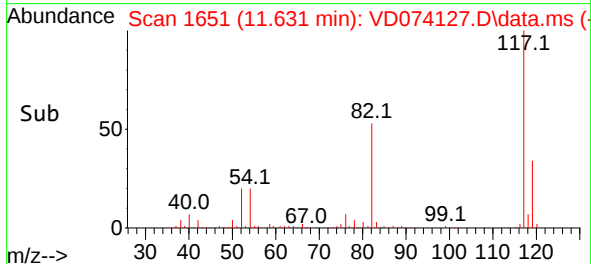
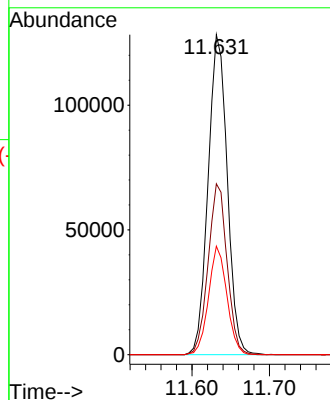
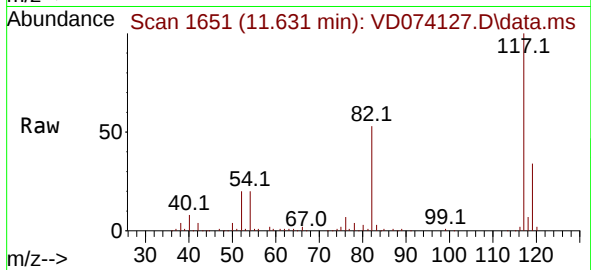




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Instrument :
MSVOA_D
ClientSampleId :
S3

Tgt Ion:117 Resp: 220030
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 33.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD074127.D
Acq: 17 Aug 2022 16:37

Tgt Ion:152 Resp: 86803
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 156.5 0.0 348.6

