

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074131.D
 Acq On : 17 Aug 2022 18:32
 Operator : VA/SY
 Sample : N4188-10
 Misc : 14.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S15

Quant Time: Aug 18 03:22:53 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	131092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	235769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	224559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	94383	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57818	60.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.780%
35) Dibromofluoromethane	7.909	113	70801	46.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.332	98	156797	34.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	68.560%
62) 4-Bromofluorobenzene	12.620	95	74234	39.299	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.600%

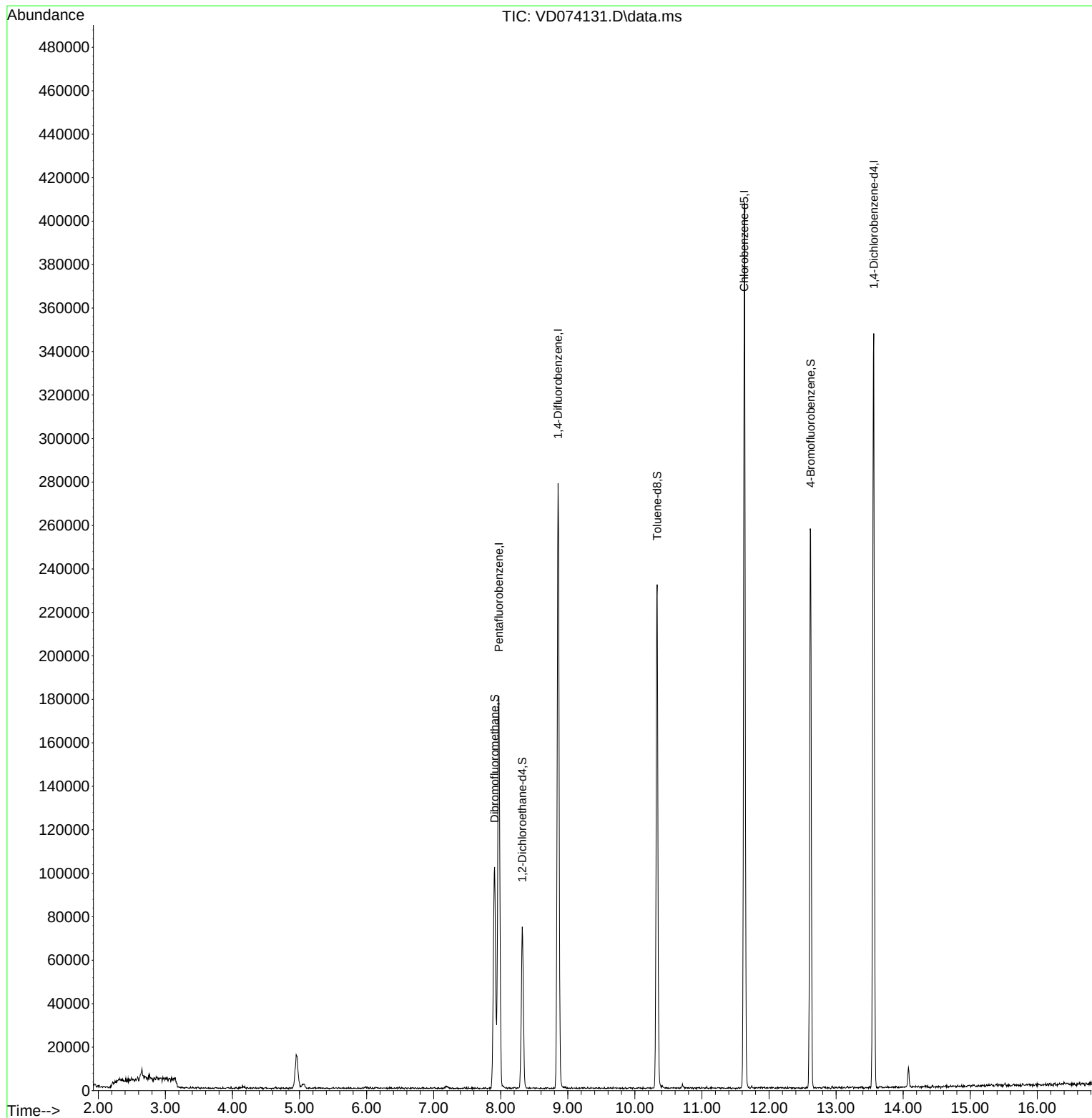
Target Compounds	Qvalue

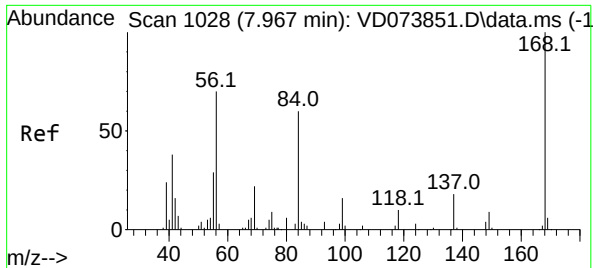
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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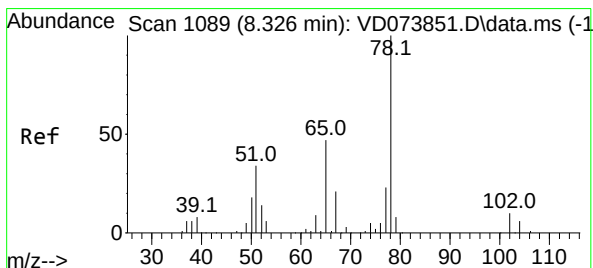
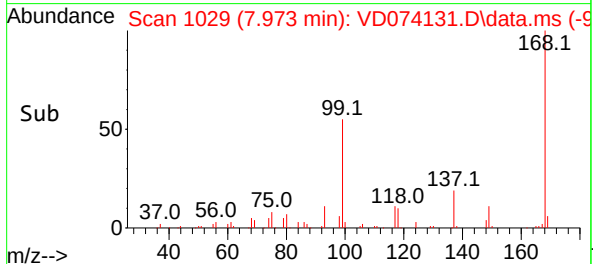
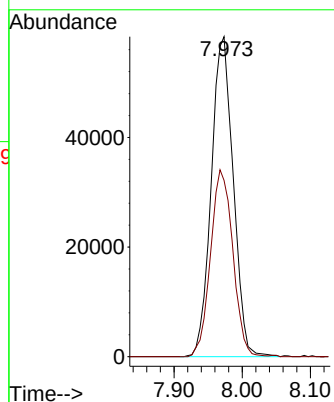
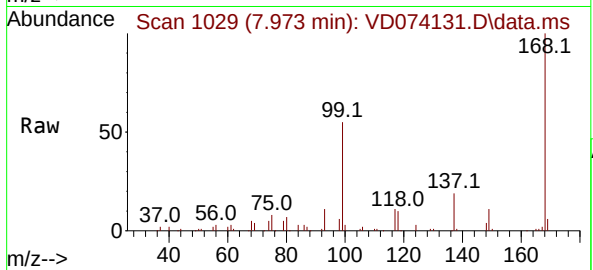




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

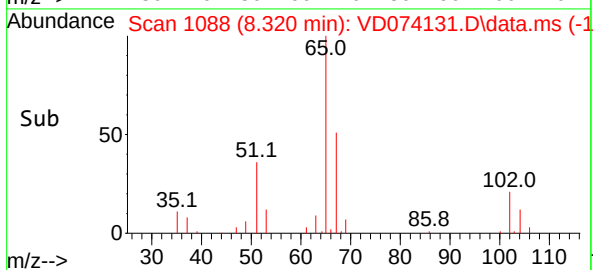
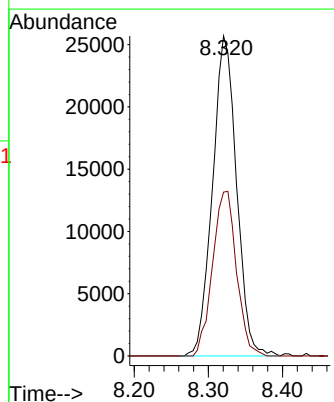
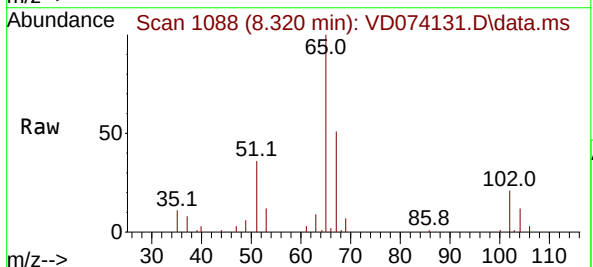
Instrument :
MSVOA_D
ClientSampleId :
S15

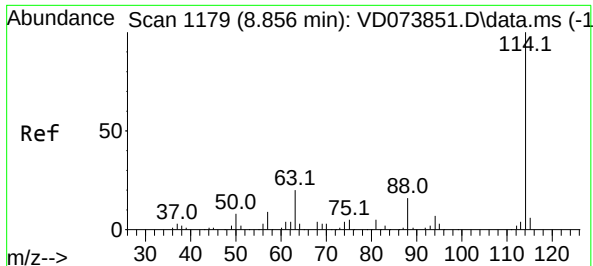
Tgt Ion:168 Resp: 131092
Ion Ratio Lower Upper
168 100
99 55.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 60.886 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Tgt Ion: 65 Resp: 57818
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074131.D

Acq: 17 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

S15

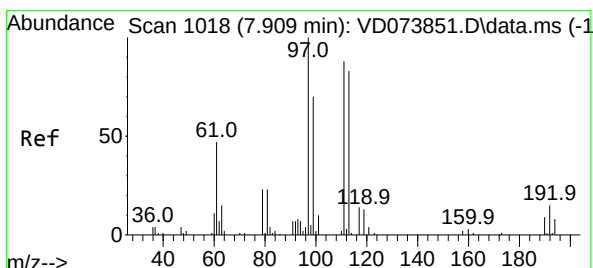
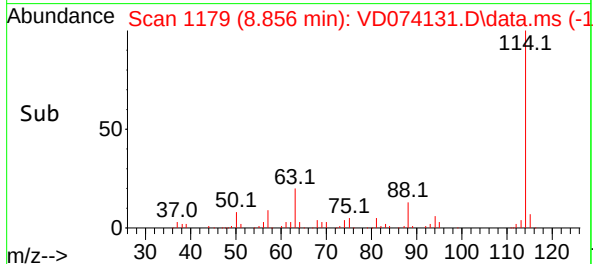
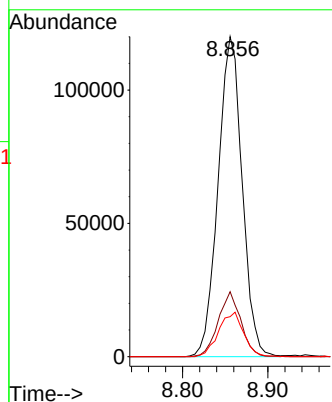
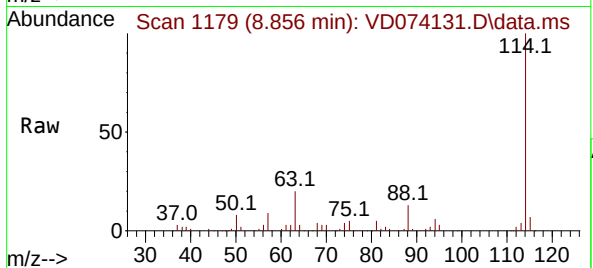
Tgt Ion:114 Resp: 235769

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 12.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.994 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD074131.D

Acq: 17 Aug 2022 18:32

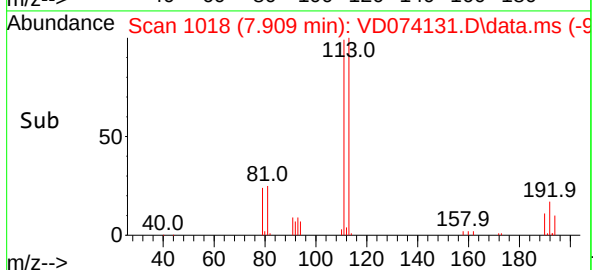
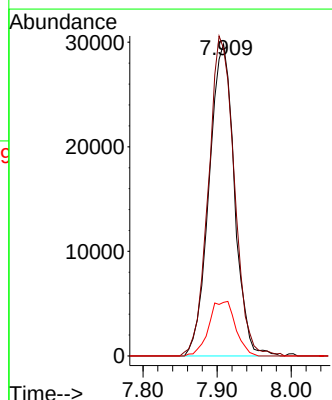
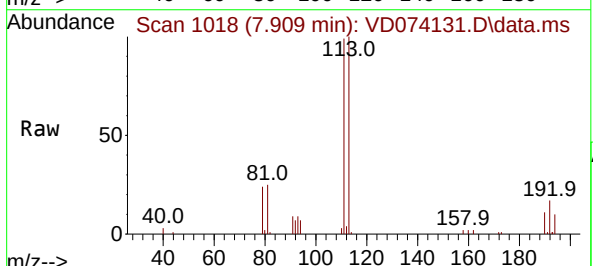
Tgt Ion:113 Resp: 70801

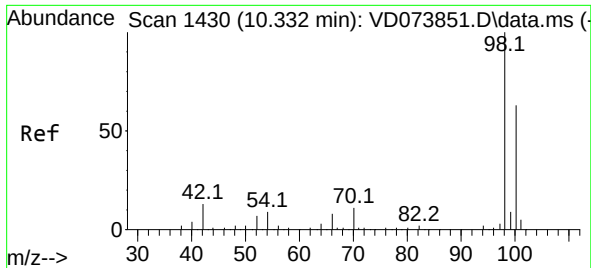
Ion Ratio Lower Upper

113 100

111 104.6 83.8 125.6

192 18.5 14.6 21.8

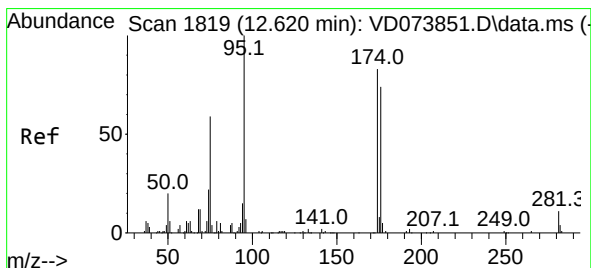
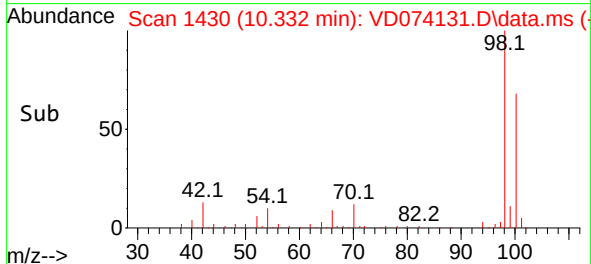
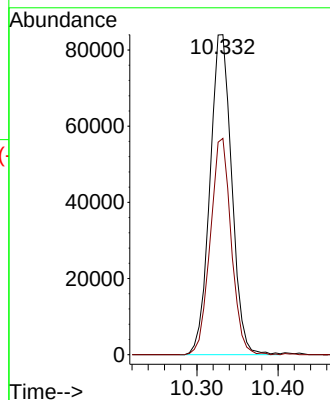
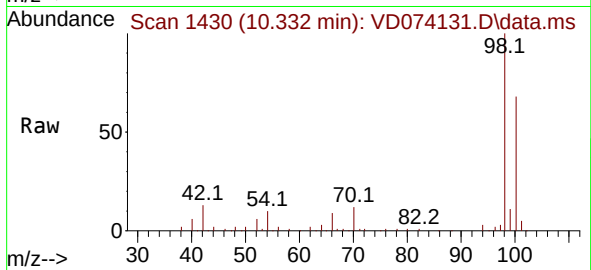




#50
Toluene-d8
Concen: 34.278 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

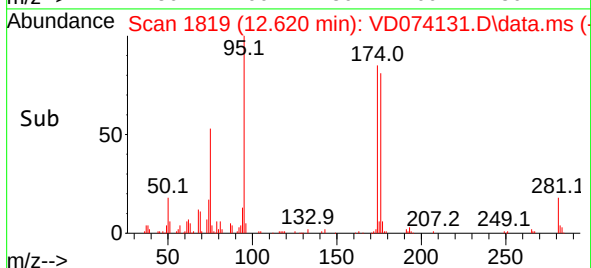
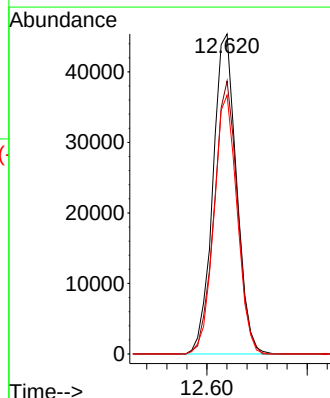
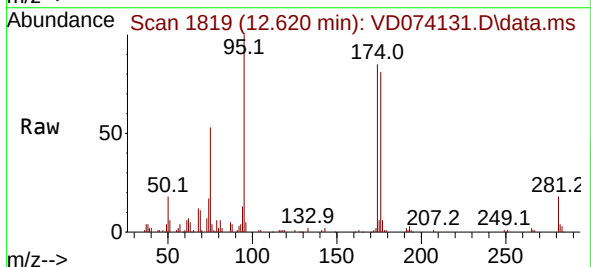
Instrument :
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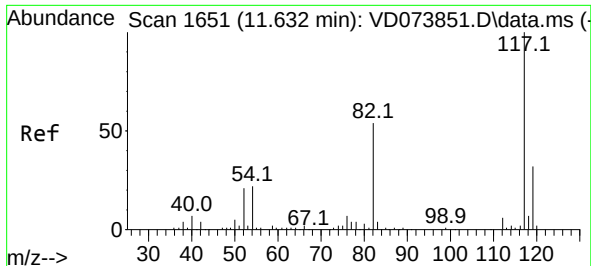
Tgt Ion: 98 Resp: 156797
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.299 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Tgt Ion: 95 Resp: 74234
Ion Ratio Lower Upper
95 100
174 83.9 0.0 152.8
176 79.2 0.0 145.4

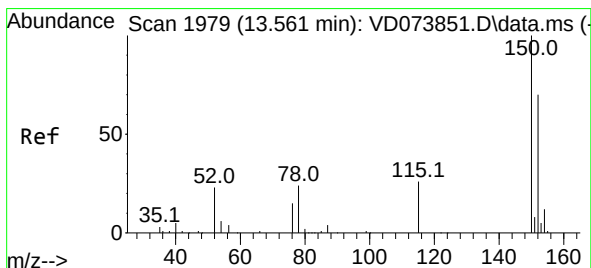
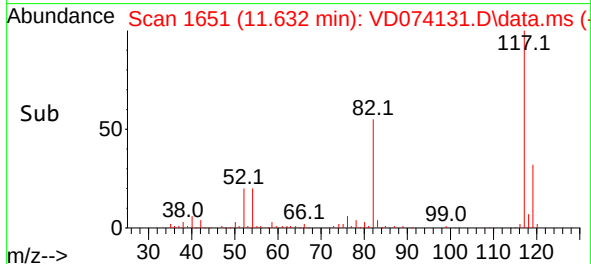
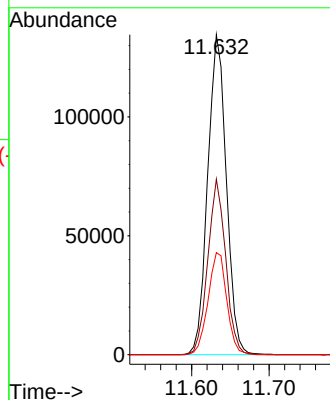
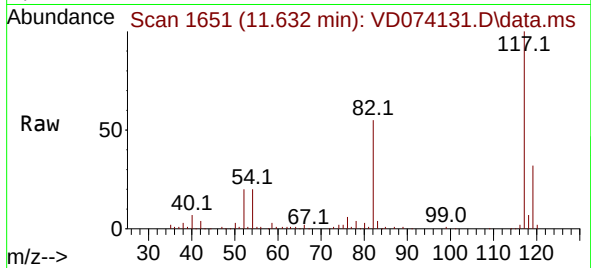




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Instrument :
MSVOA_D
ClientSampleId :
S15

Tgt Ion:117 Resp: 224559
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 31.9 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: VD074131.D
Acq: 17 Aug 2022 18:32

Tgt Ion:152 Resp: 94383
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 155.0 0.0 348.6

