

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074163.D
 Acq On : 19 Aug 2022 22:18
 Operator : VA/SY
 Sample : N4240-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-081722

Quant Time: Aug 20 01:30:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	140261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	250284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	226135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	102396	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	67795	67.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.100%
35) Dibromofluoromethane	7.902	113	80889	67.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.760%
50) Toluene-d8	10.332	98	162571	47.111	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.220%
62) 4-Bromofluorobenzene	12.620	95	95142	50.802	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.600%

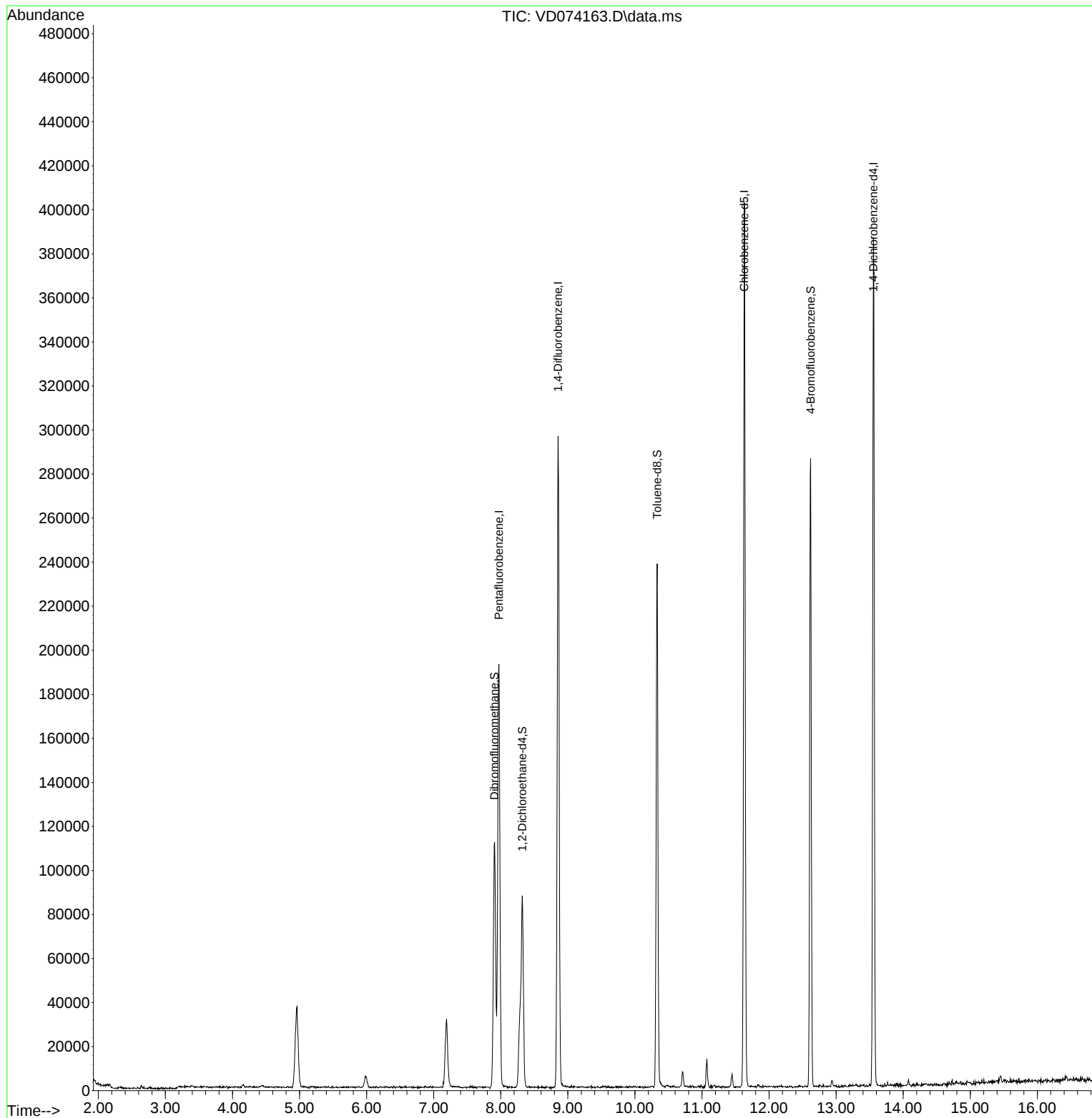
Target Compounds	Qvalue

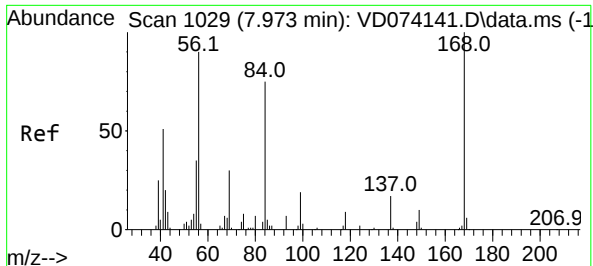
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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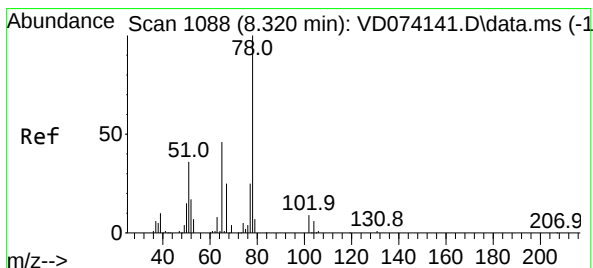
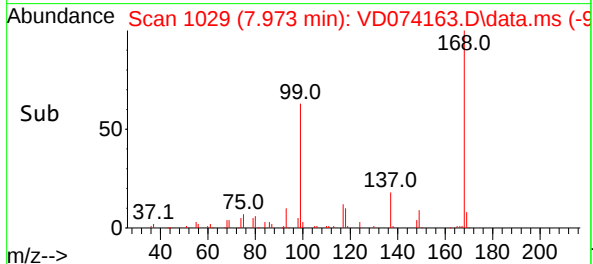
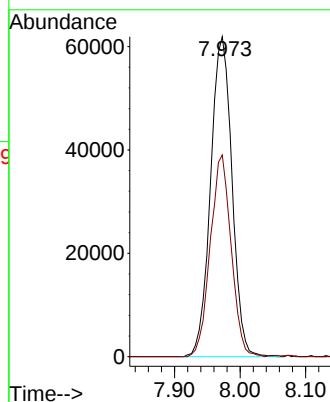
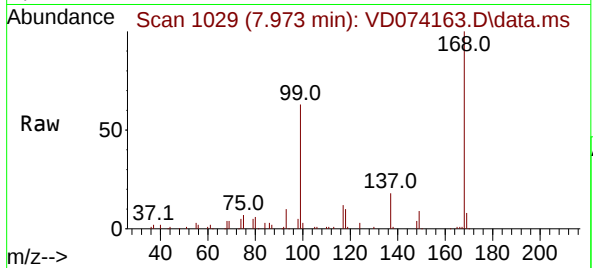




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

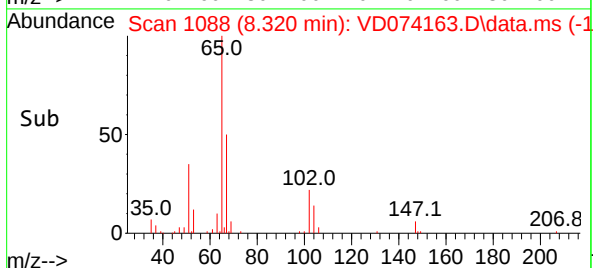
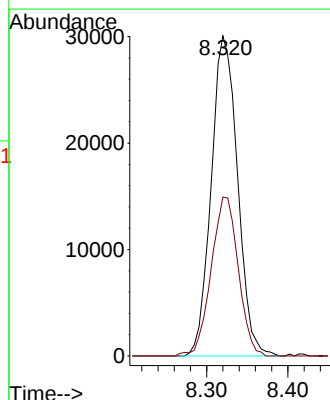
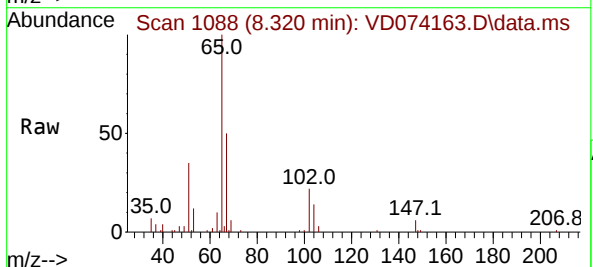
Instrument :
MSVOA_D
ClientSampleId :
TR-06-081722

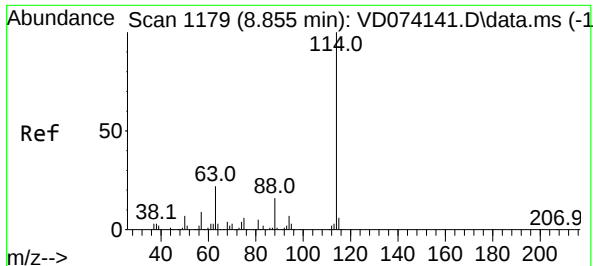
Tgt Ion:168 Resp: 140261
Ion Ratio Lower Upper
168 100
99 63.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 67.051 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion: 65 Resp: 67795
Ion Ratio Lower Upper
65 100
67 51.0 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: VD074163.D

Acq: 19 Aug 2022 22:18

Instrument :

MSVOA_D

ClientSampleId :

TR-06-081722

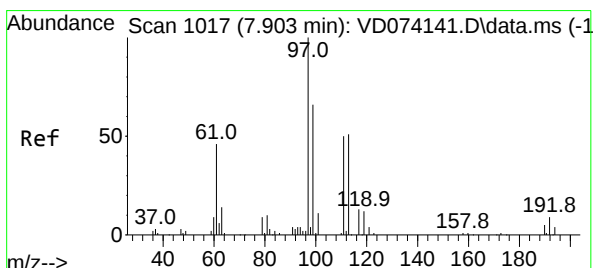
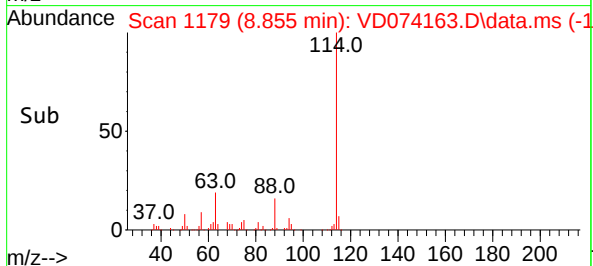
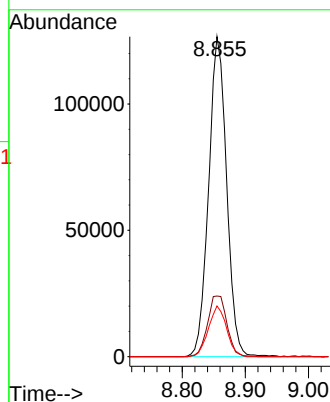
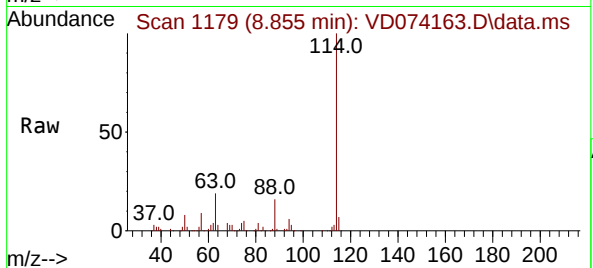
Tgt Ion:114 Resp: 250284

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 67.377 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD074163.D

Acq: 19 Aug 2022 22:18

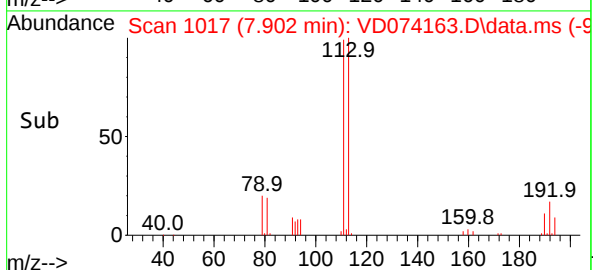
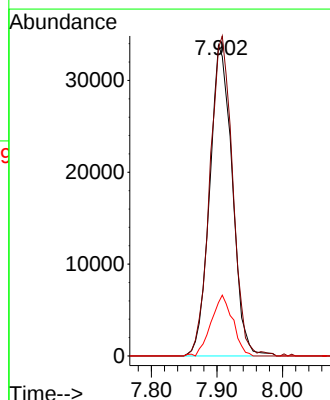
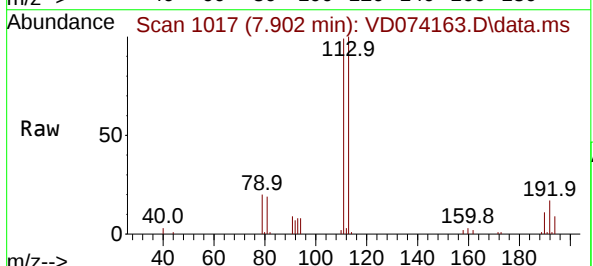
Tgt Ion:113 Resp: 80889

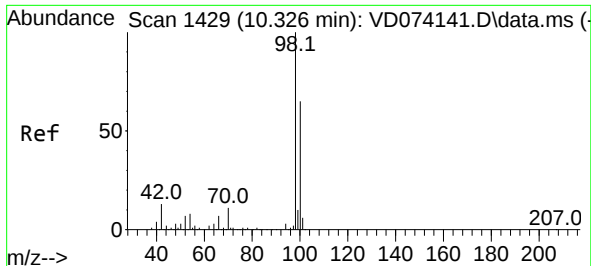
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.9 14.6 21.8

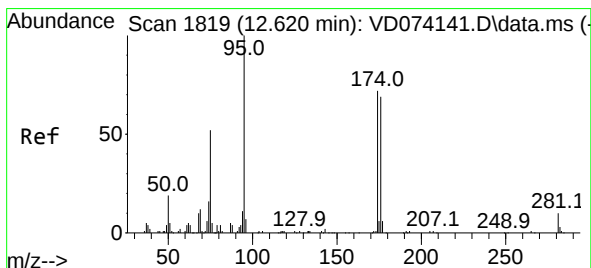
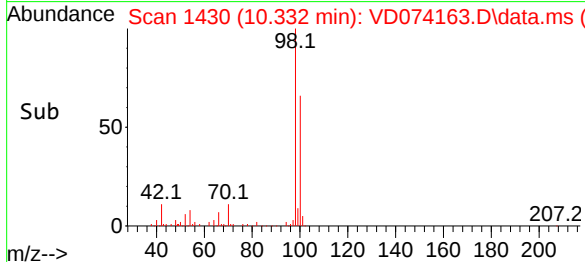
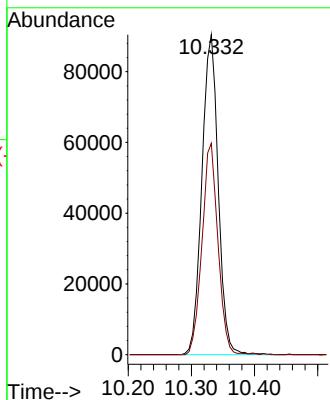
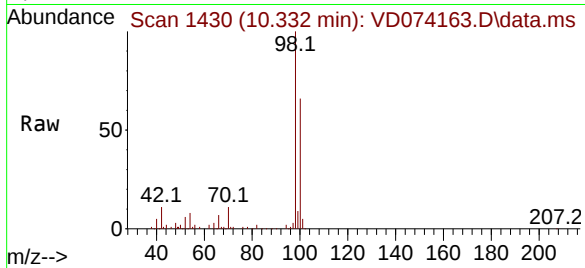




#50
Toluene-d8
Concen: 47.111 ug/l
RT: 10.332 min Scan# 1429
Delta R.T. 0.006 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

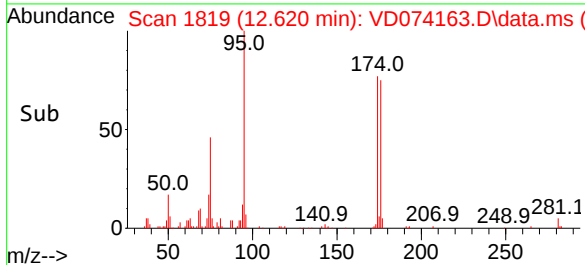
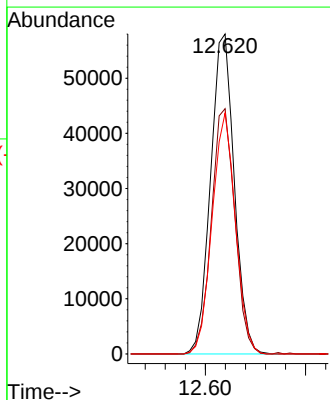
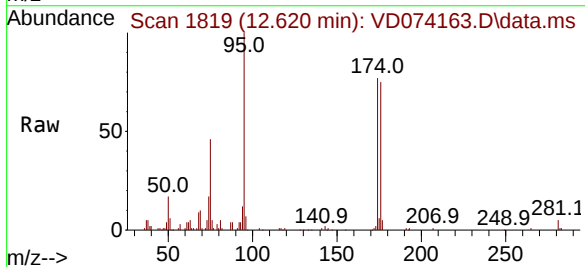
Instrument :
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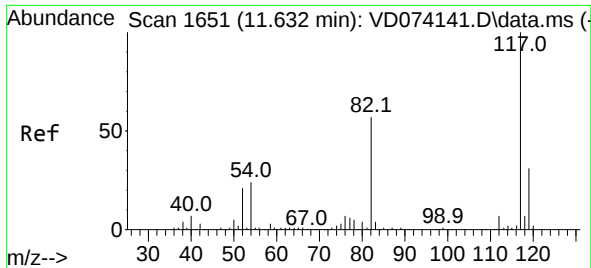
Tgt Ion: 98 Resp: 162571
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.802 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion: 95 Resp: 95142
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 74.1 0.0 145.4

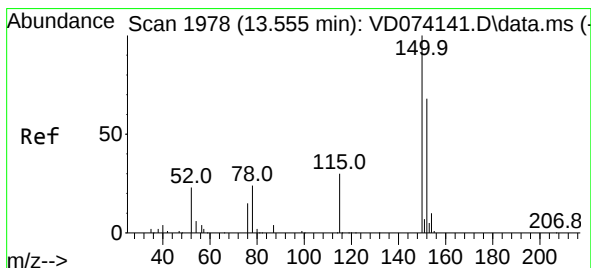
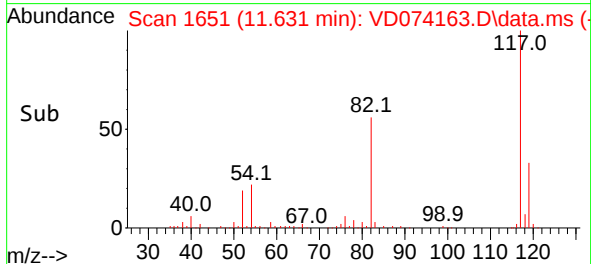
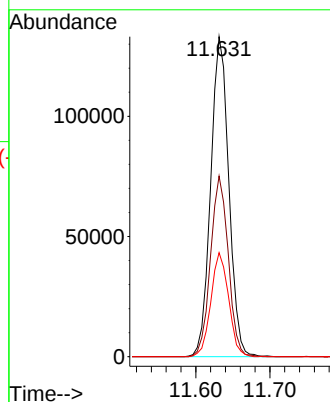
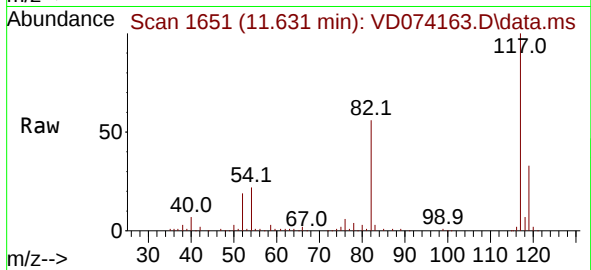




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Instrument :
MSVOA_D
ClientSampleId :
TR-06-081722

Tgt Ion:117 Resp: 226135
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.000 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion:152 Resp: 102396
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 161.5 0.0 348.6

