

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074058.D
 Acq On : 12 Aug 2022 12:23
 Operator : VA/SY
 Sample : VD0812SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0812SBL01

Quant Time: Aug 12 13:24:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	131459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	232151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	215415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	94173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	61211	60.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.220%
35) Dibromofluoromethane	7.902	113	74112	48.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.332	98	177798	43.321	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.640%
62) 4-Bromofluorobenzene	12.620	95	81570	43.018	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.040%

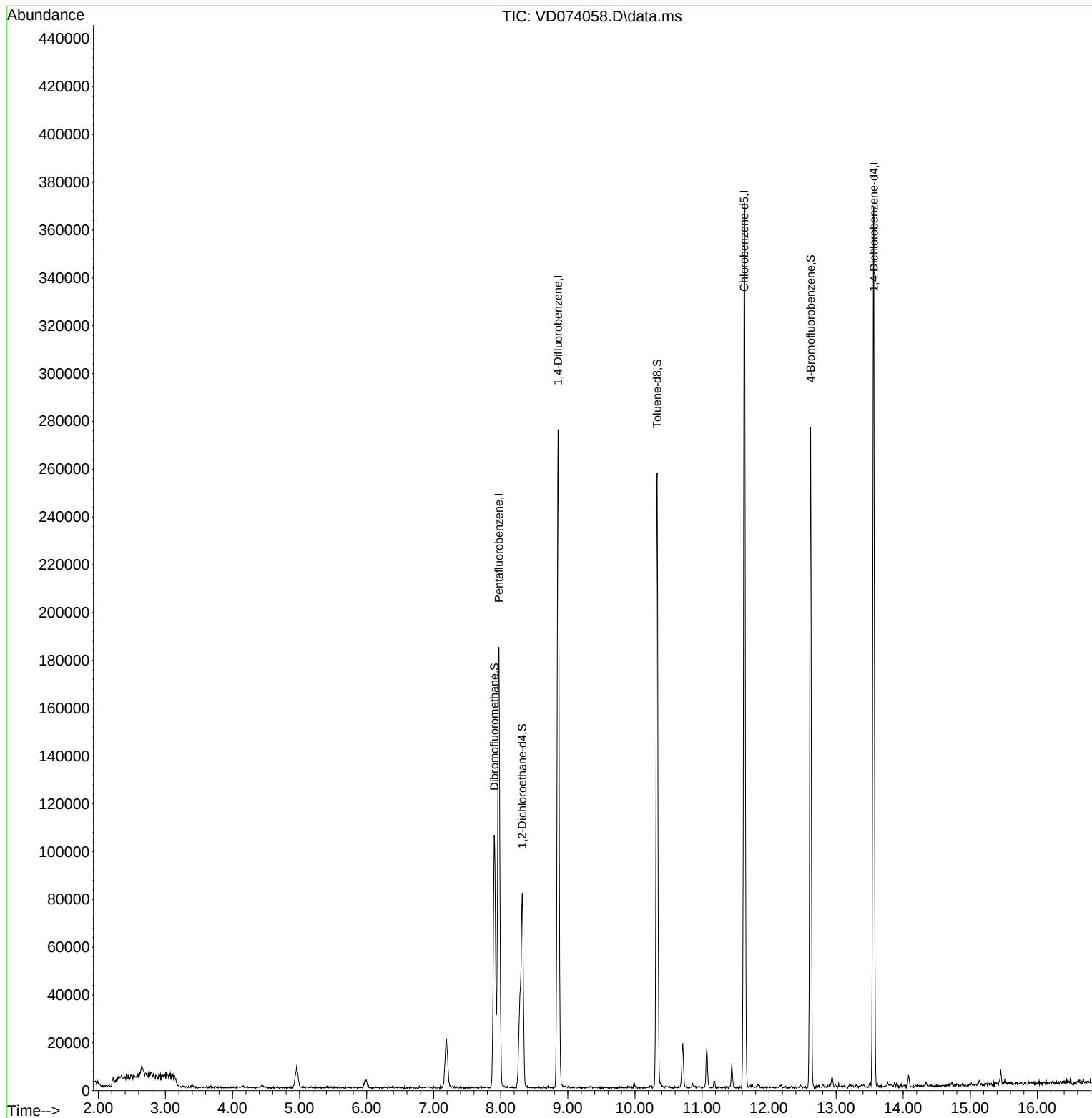
Target Compounds	Qvalue

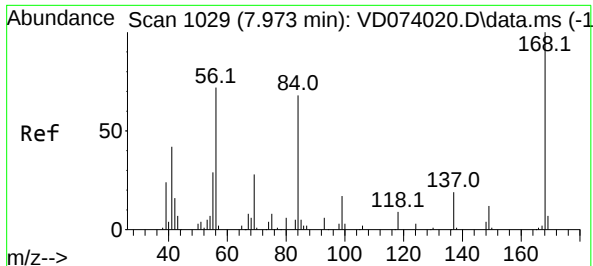
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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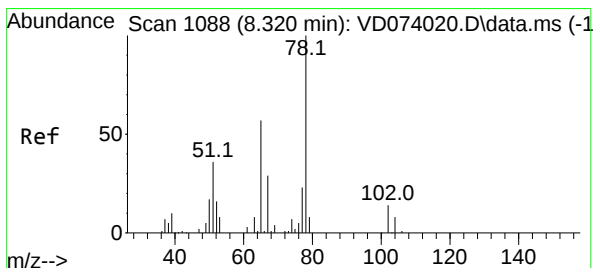
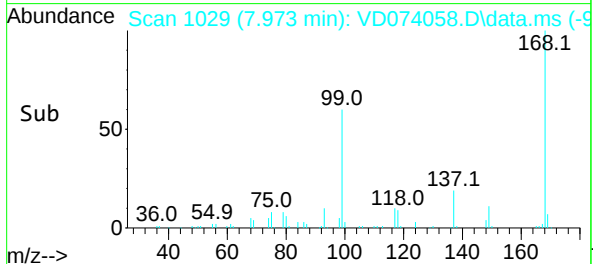
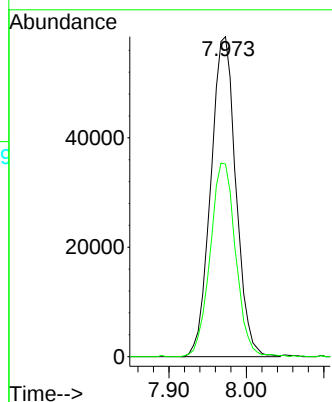
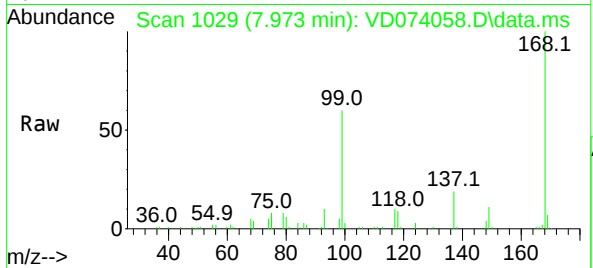




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD074058.D
Acq: 12 Aug 2022 12:23

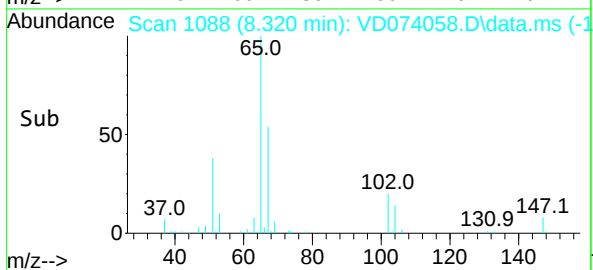
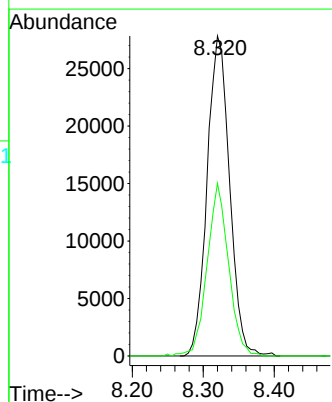
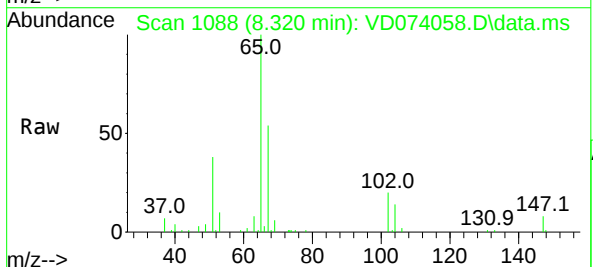
Instrument :
MSVOA_D
ClientSampleId :
VD0812SBL01

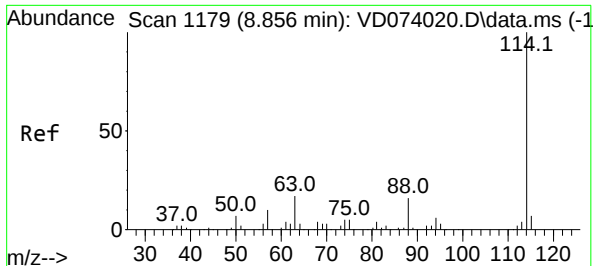
Tgt Ion:168 Resp: 131459
Ion Ratio Lower Upper
168 100
99 60.2 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 60.614 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074058.D
Acq: 12 Aug 2022 12:23

Tgt Ion: 65 Resp: 61211
Ion Ratio Lower Upper
65 100
67 51.6 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074058.D

Acq: 12 Aug 2022 12:23

Instrument :

MSVOA_D

ClientSampleId :

VD0812SBL01

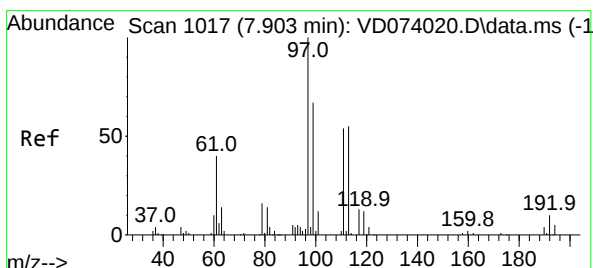
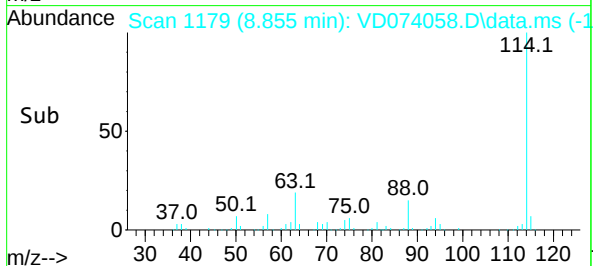
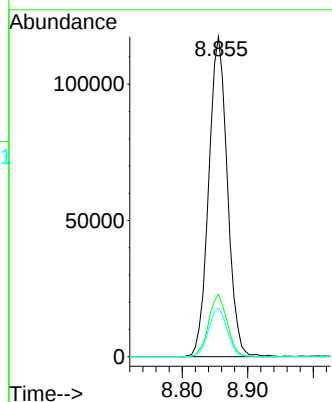
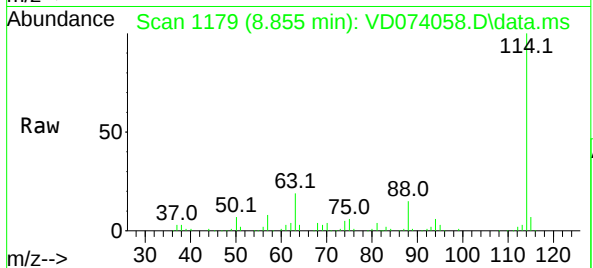
Tgt Ion:114 Resp: 232151

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.0

88 15.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.065 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD074058.D

Acq: 12 Aug 2022 12:23

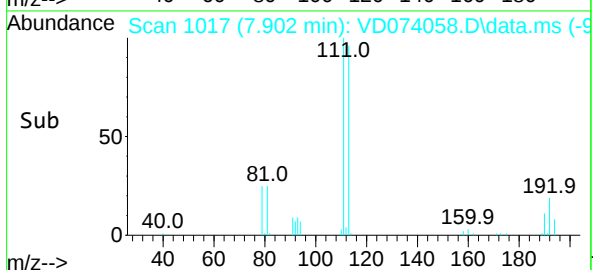
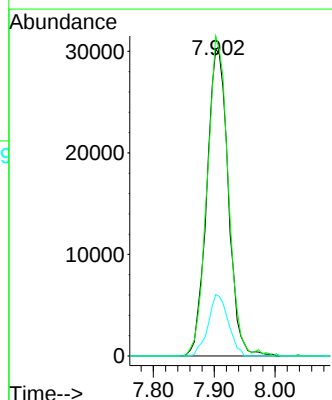
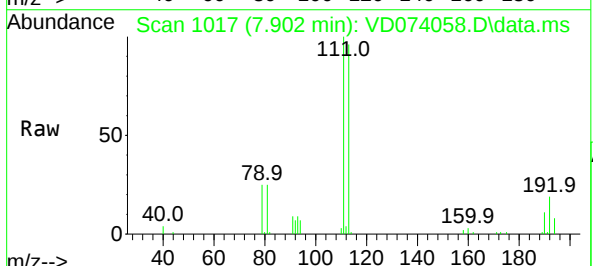
Tgt Ion:113 Resp: 74112

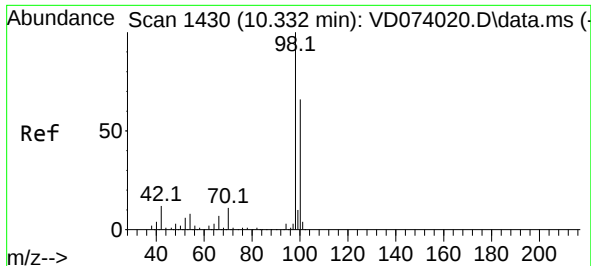
Ion Ratio Lower Upper

113 100

111 101.2 80.0 120.0

192 18.7 14.2 21.4

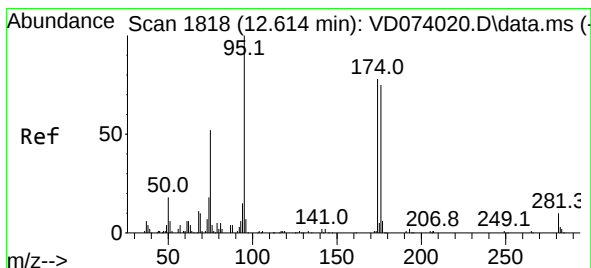
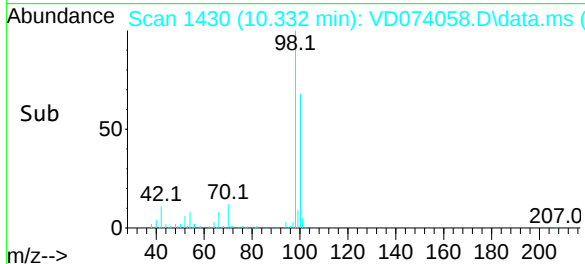
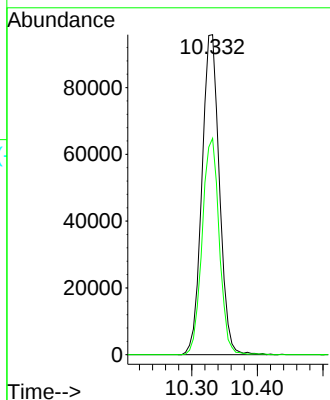
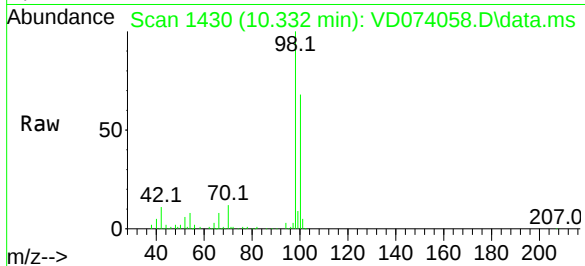




#50
Toluene-d8
Concen: 43.321 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074058.D
Acq: 12 Aug 2022 12:23

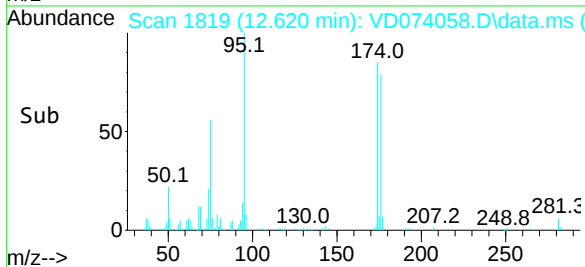
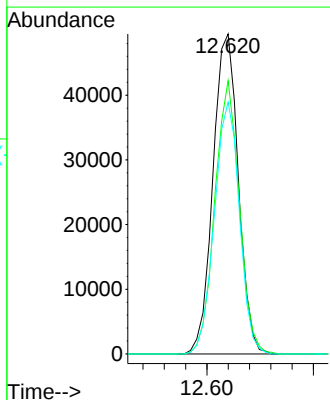
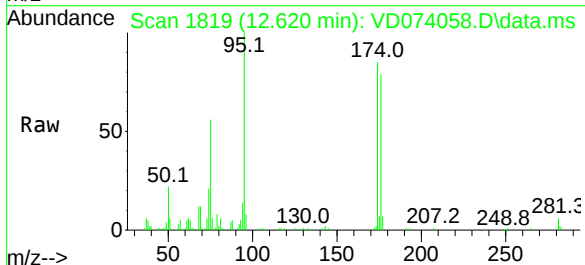
Instrument :
MSVOA_D
ClientSampleId :
VD0812SBL01

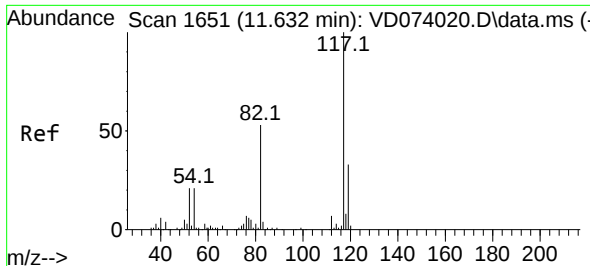
Tgt Ion: 98 Resp: 177798
Ion Ratio Lower Upper
98 100
100 65.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.018 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074058.D
Acq: 12 Aug 2022 12:23

Tgt Ion: 95 Resp: 81570
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.6
176 77.8 0.0 160.0

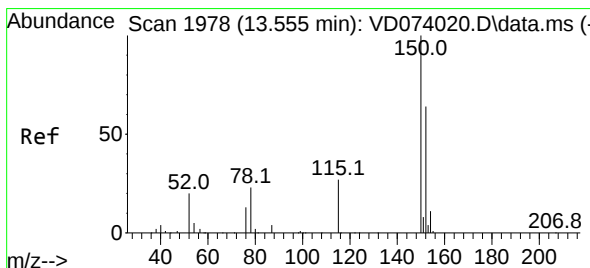
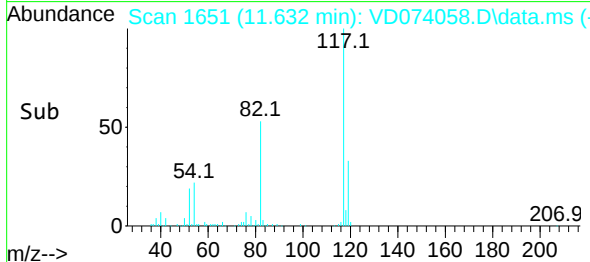
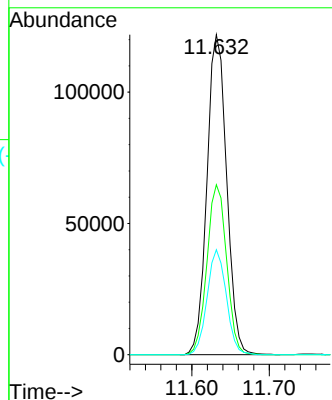
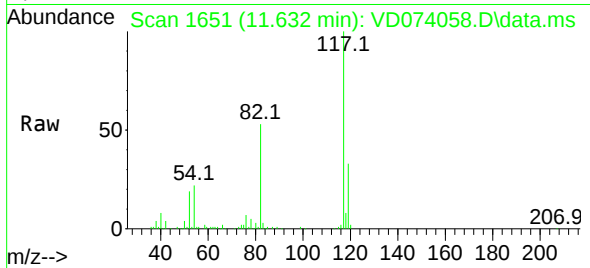




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074058.D
Acq: 12 Aug 2022 12:23

Instrument :
MSVOA_D
ClientSampleId :
VD0812SBL01

Tgt Ion:117 Resp: 215415
Ion Ratio Lower Upper
117 100
82 53.1 42.7 64.1
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074058.D
Acq: 12 Aug 2022 12:23

Tgt Ion:152 Resp: 94173
Ion Ratio Lower Upper
152 100
115 60.8 29.9 89.8
150 159.1 0.0 342.8

