

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070141.D
 Acq On : 18 Aug 2021 23:30
 Operator : VA/SY
 Sample : VD0818SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL02

Quant Time: Aug 19 07:35:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	386664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	806038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	770420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	319235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	299381	65.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.660%
35) Dibromofluoromethane	7.914	113	283983	54.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.060%
50) Toluene-d8	10.338	98	1008834	49.808	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.626	95	309695	46.422	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.840%

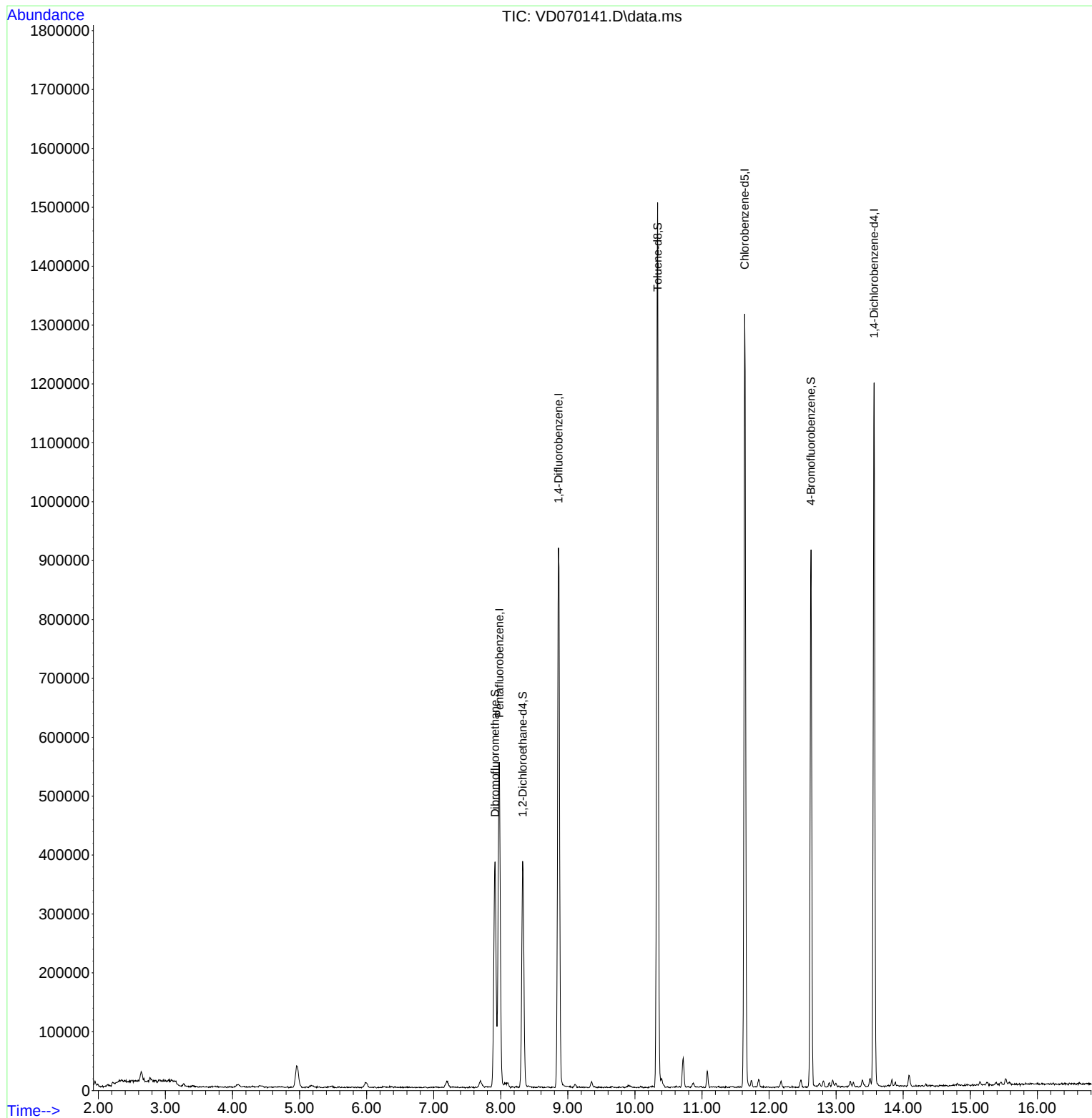
Target Compounds	Qvalue

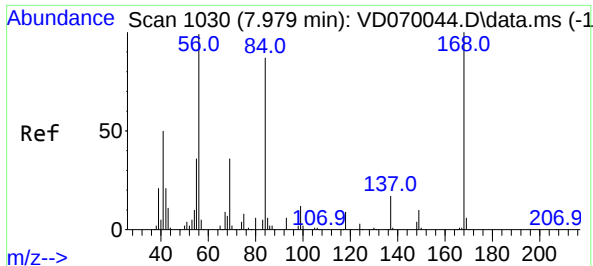
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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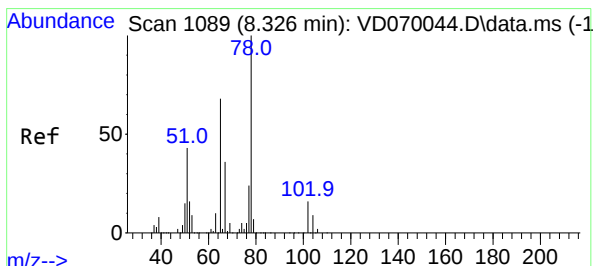
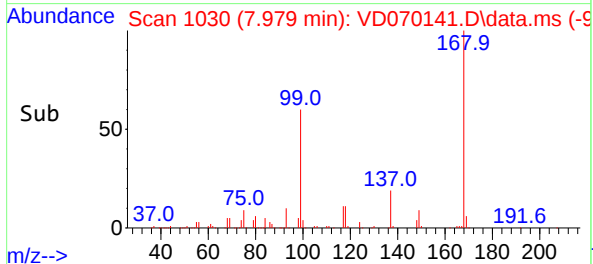
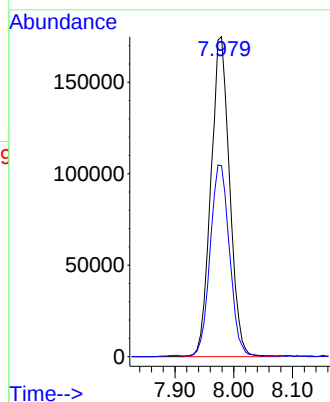
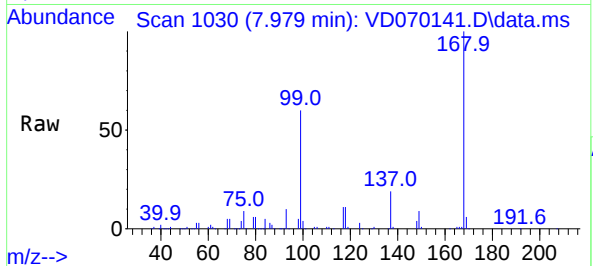




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

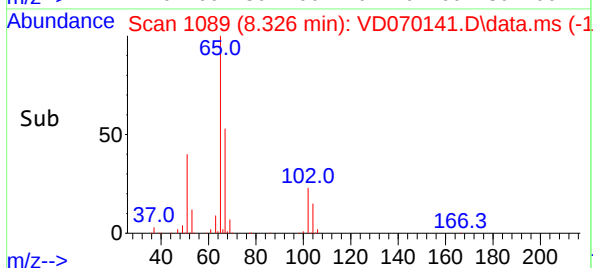
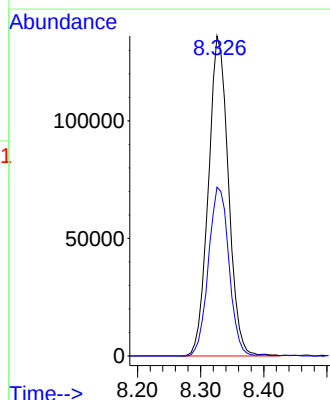
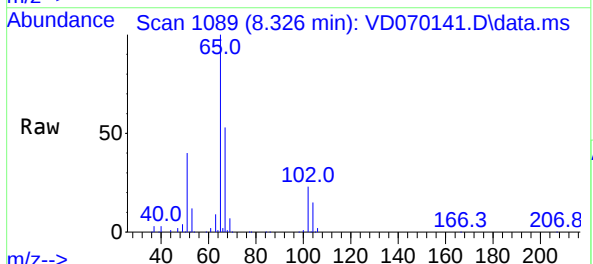
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

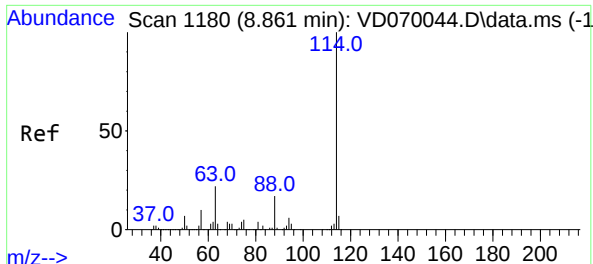
Tgt Ion:168 Resp: 386664
Ion Ratio Lower Upper
168 100
99 59.4 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 65.830 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Tgt Ion: 65 Resp: 299381
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8



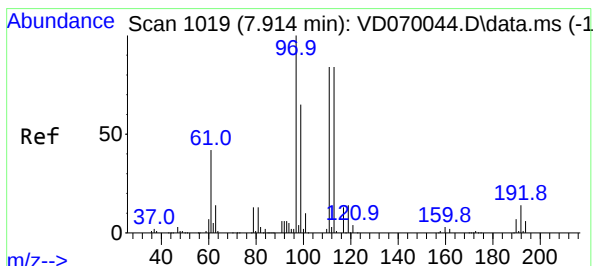
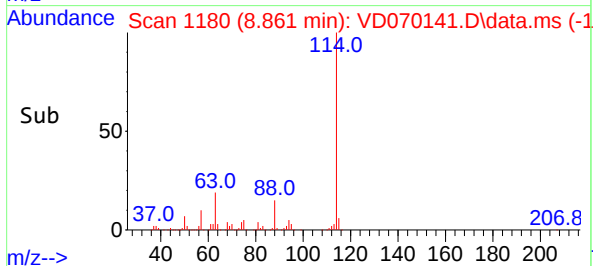
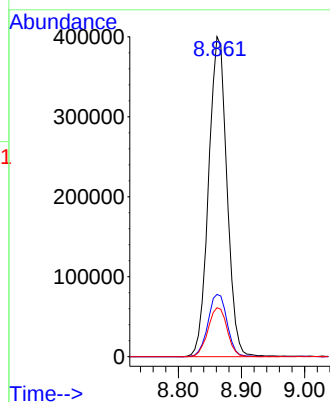
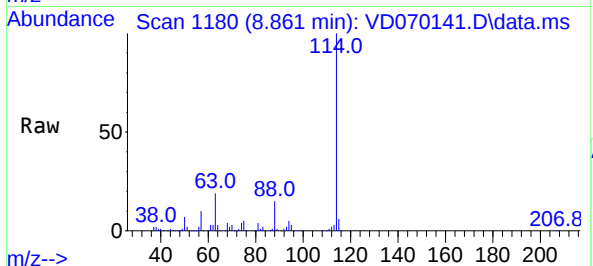


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

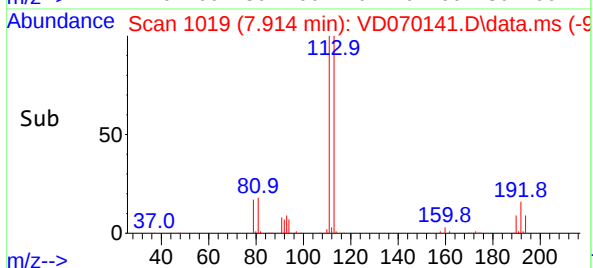
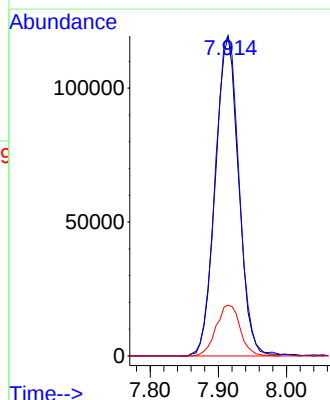
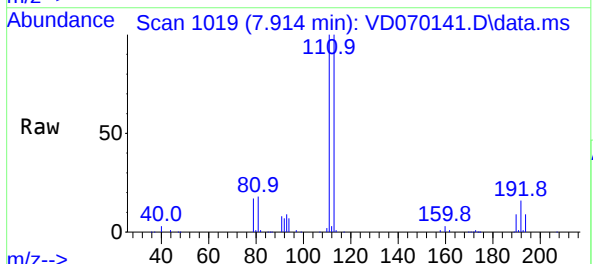
Tgt Ion:114 Resp: 806038
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.6
88 15.3 0.0 33.4

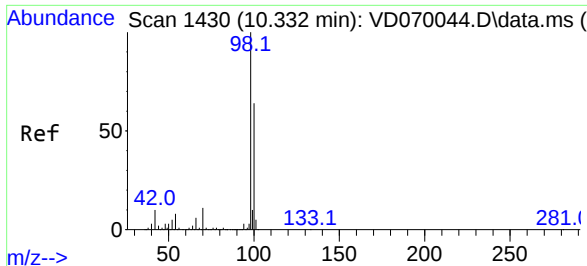


#35

Dibromofluoromethane
Concen: 54.533 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Tgt Ion:113 Resp: 283983
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 16.4 13.2 19.8

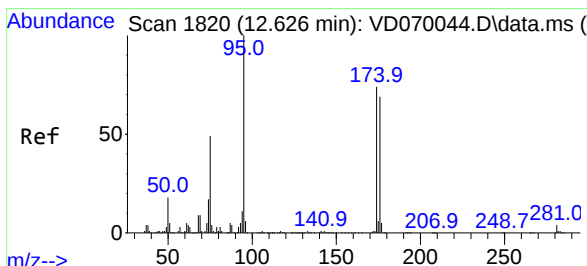
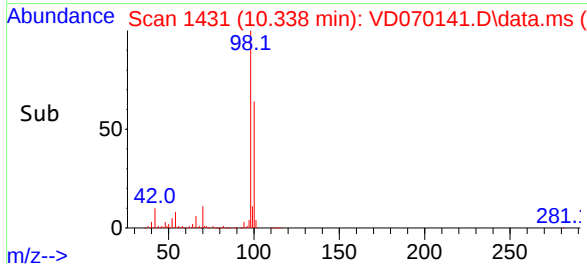
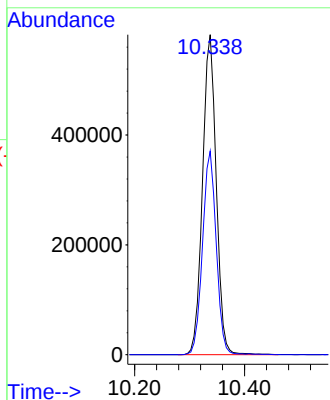
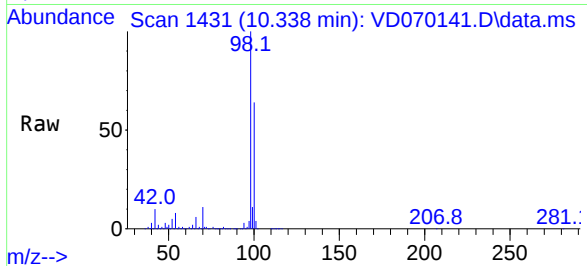




#50
Toluene-d8
Concen: 49.808 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

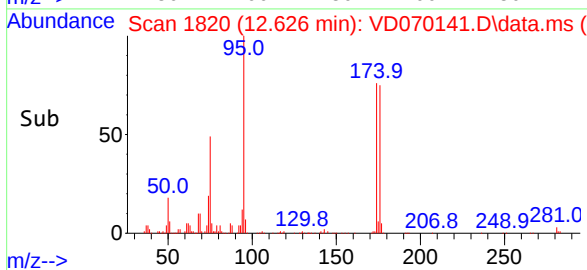
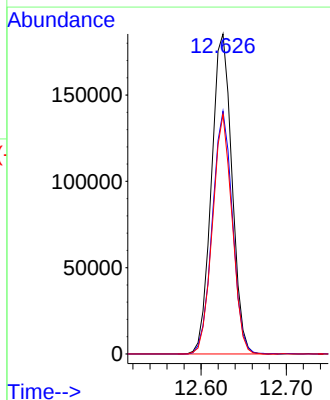
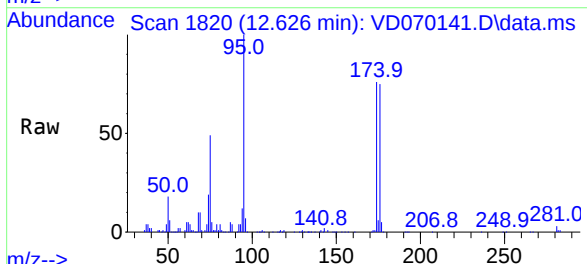
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

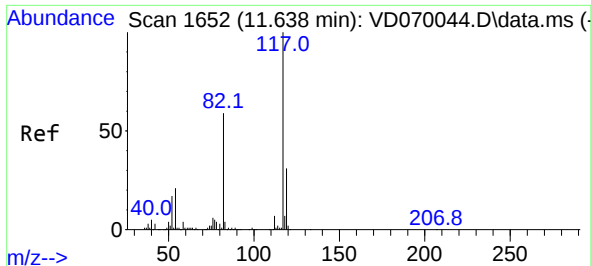
Tgt Ion: 98 Resp: 1008834
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.422 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Tgt Ion: 95 Resp: 309695
Ion Ratio Lower Upper
95 100
174 74.5 0.0 141.6
176 71.5 0.0 138.2

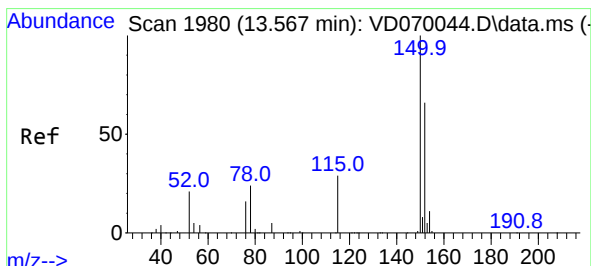
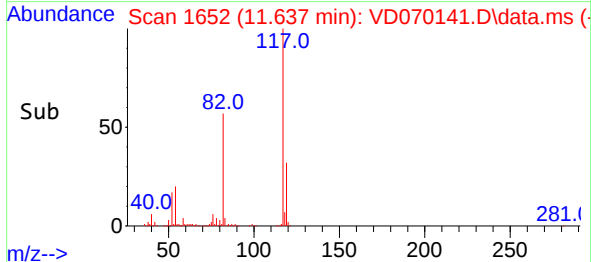
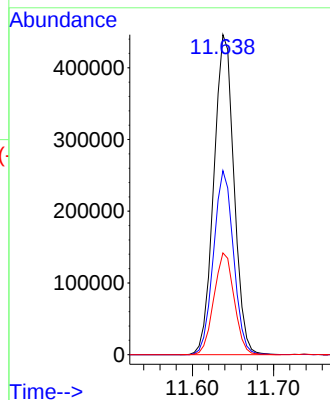
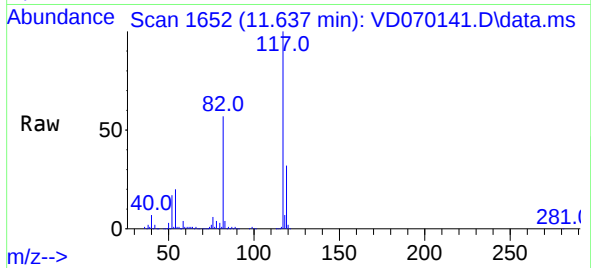




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

Tgt Ion:	117	Resp:	770420
Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.5	71.3
119	31.8	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070141.D
Acq: 18 Aug 2021 23:30

Tgt Ion:	152	Resp:	319235
Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.2	93.6
150	157.1	0.0	352.0

