

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069441.D
 Acq On : 15 Jun 2021 13:11
 Operator : VA/SY
 Sample : VD0615SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0615SBL02

Quant Time: Jun 16 01:59:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	294696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	567124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	584255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	265631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	180332	54.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.480%
35) Dibromofluoromethane	7.914	113	202204	47.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.200%
50) Toluene-d8	10.338	98	726300	46.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.500%
62) 4-Bromofluorobenzene	12.626	95	234773	47.096	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.200%

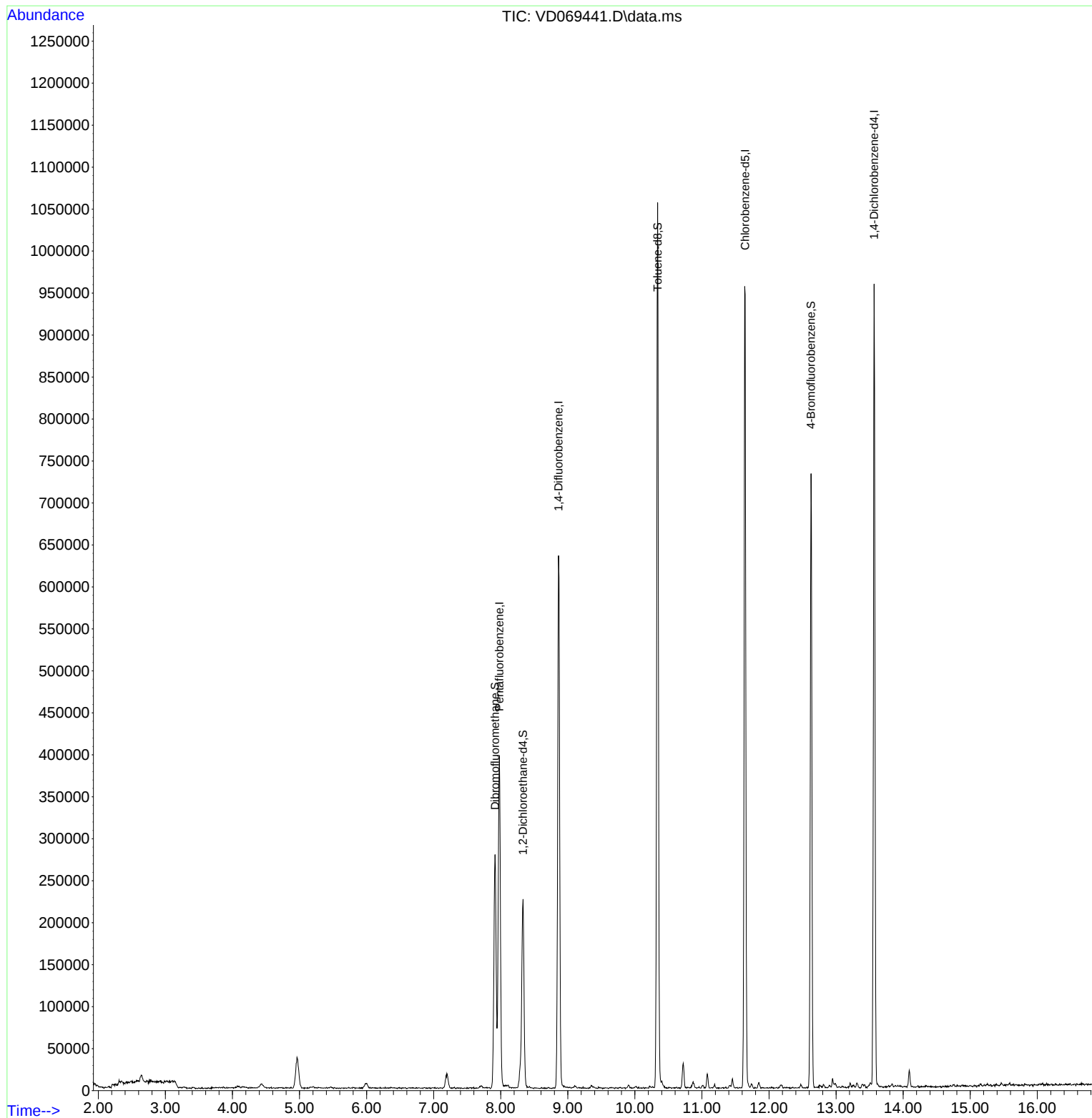
Target Compounds	Qvalue

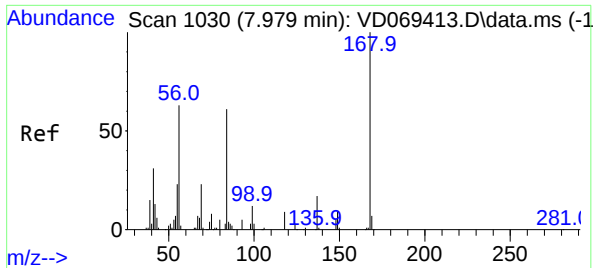
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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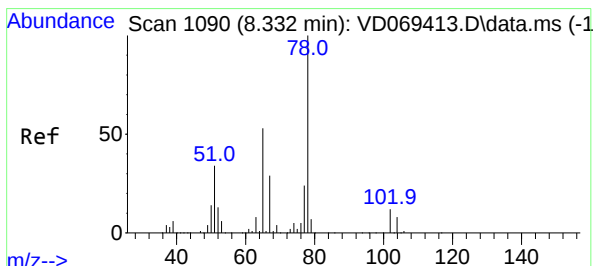
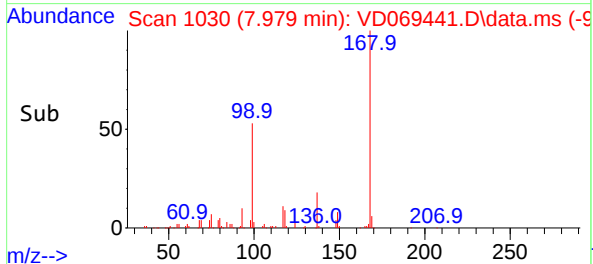
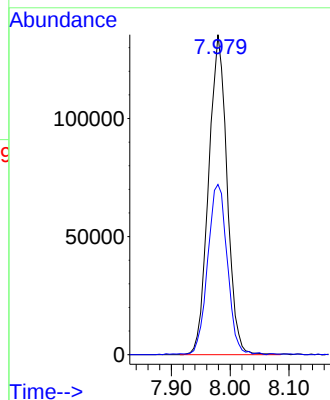
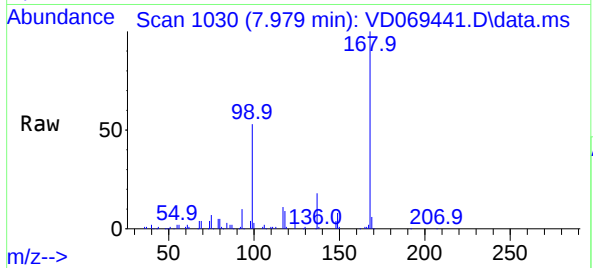




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

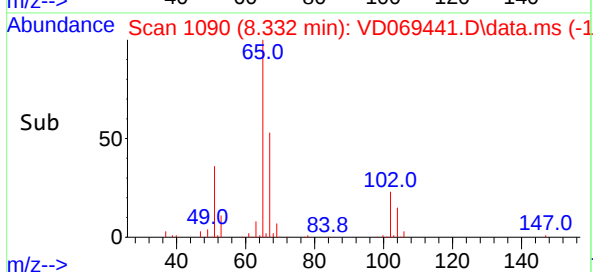
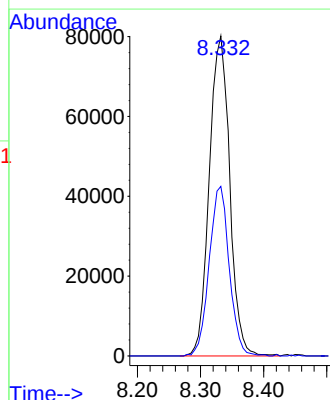
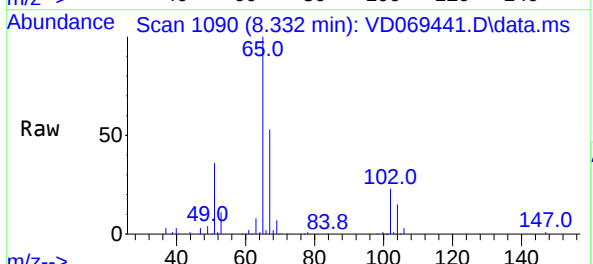
Instrument :
MSVOA_D
ClientSampleId :
VD0615SBL02

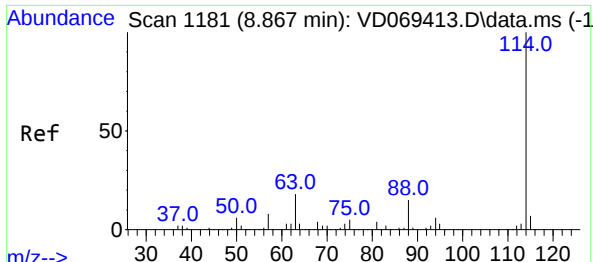
Tgt Ion:168 Resp: 294696
Ion Ratio Lower Upper
168 100
99 53.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 54.241 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

Tgt Ion: 65 Resp: 180332
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD069441.D

Acq: 15 Jun 2021 13:11

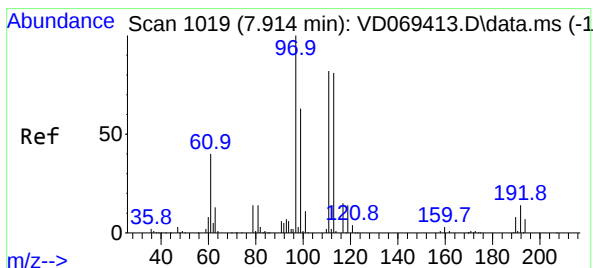
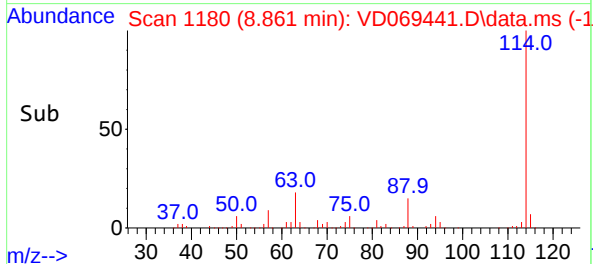
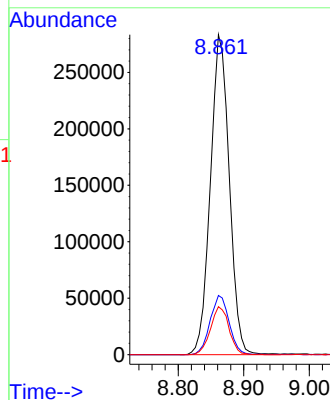
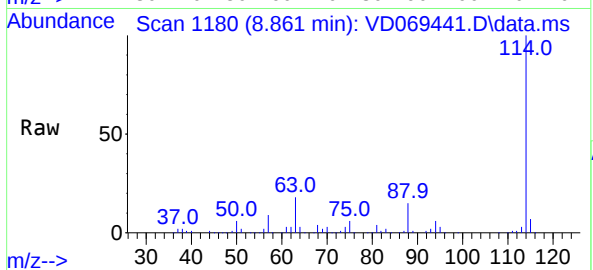
Tgt Ion:114 Resp: 567124

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

88 15.0 0.0 31.2



#35

Dibromofluoromethane

Concen: 47.602 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069441.D

Acq: 15 Jun 2021 13:11

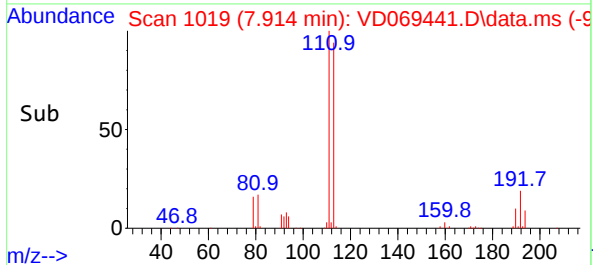
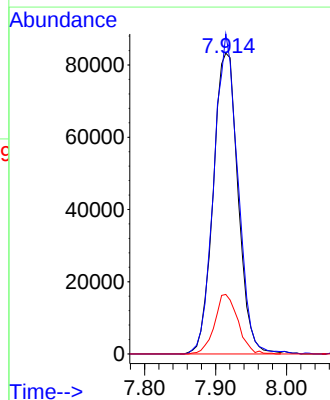
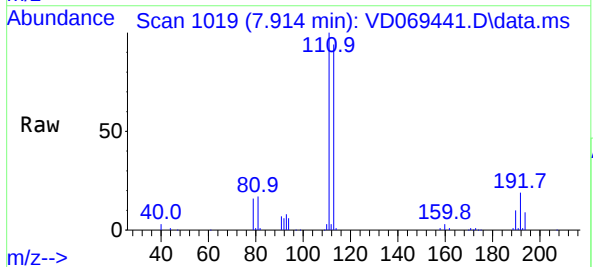
Tgt Ion:113 Resp: 202204

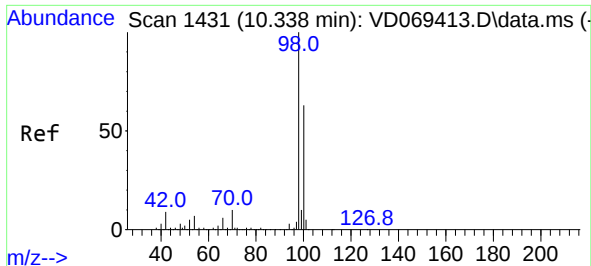
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

192 18.6 15.1 22.7

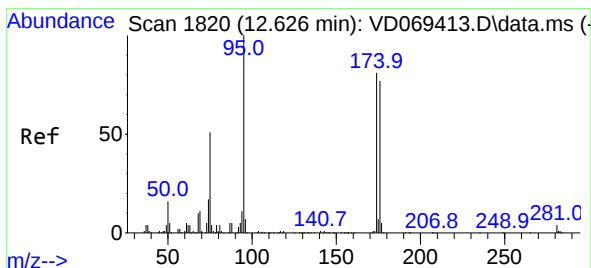
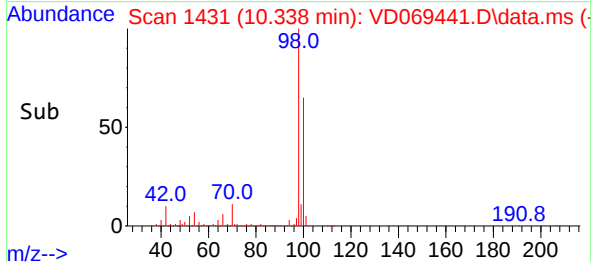
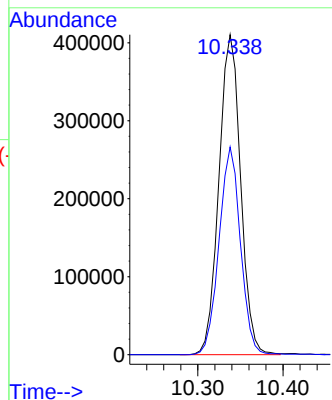
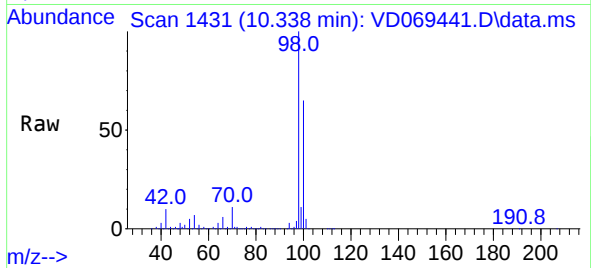




#50
Toluene-d8
Concen: 46.749 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

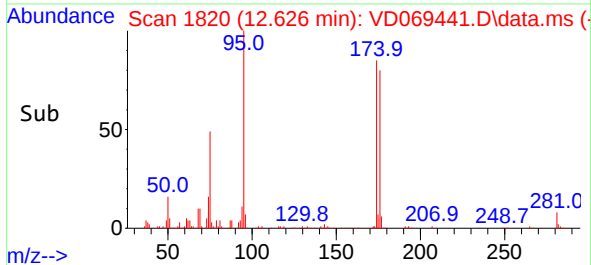
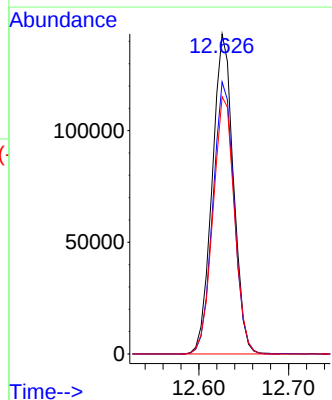
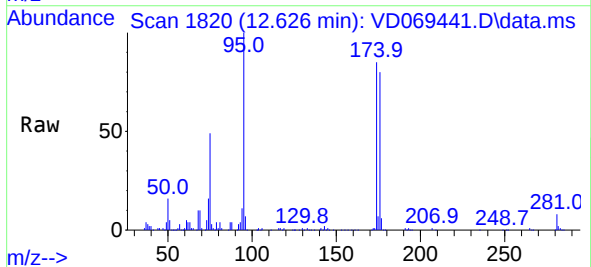
Instrument :
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ClientSampleId :
VD0615SBL02

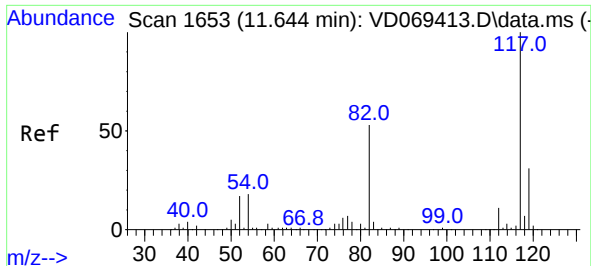
Tgt Ion: 98 Resp: 726300
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.096 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

Tgt Ion: 95 Resp: 234773
Ion Ratio Lower Upper
95 100
174 84.9 0.0 162.8
176 81.4 0.0 154.4



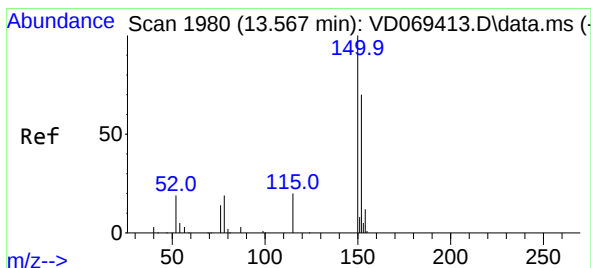
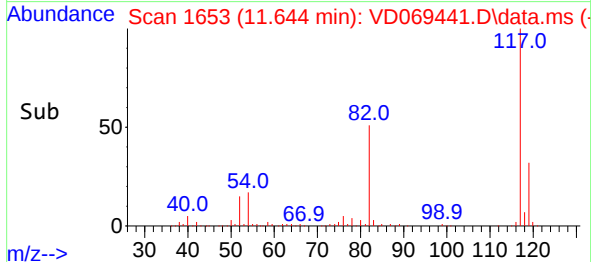
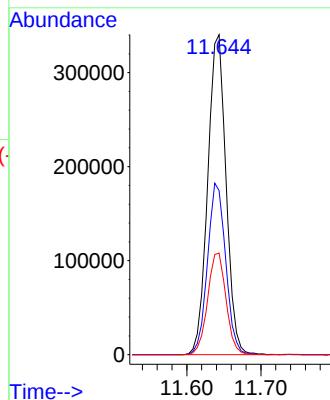
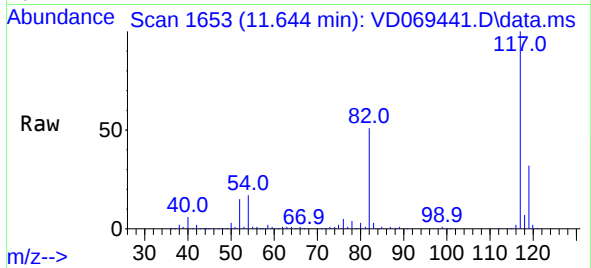


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

Instrument :
MSVOA_D
ClientSampleId :
VD0615SBL02

Tgt Ion:117 Resp: 584255

Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.3	64.9
119	31.7	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069441.D
Acq: 15 Jun 2021 13:11

Tgt Ion:152 Resp: 265631

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.4	88.3
150	155.0	0.0	355.0

