

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
 Data File : VD069458.D
 Acq On : 16 Jun 2021 11:07
 Operator : VA/SY
 Sample : M2691-01
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-VNJ-208

Quant Time: Jun 17 02:46:40 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	279994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	522756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	517455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	216065	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147933	46.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.660%
35) Dibromofluoromethane	7.909	113	177765	45.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.800%
50) Toluene-d8	10.338	98	661045	46.160	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.626	95	198645	43.231	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.460%

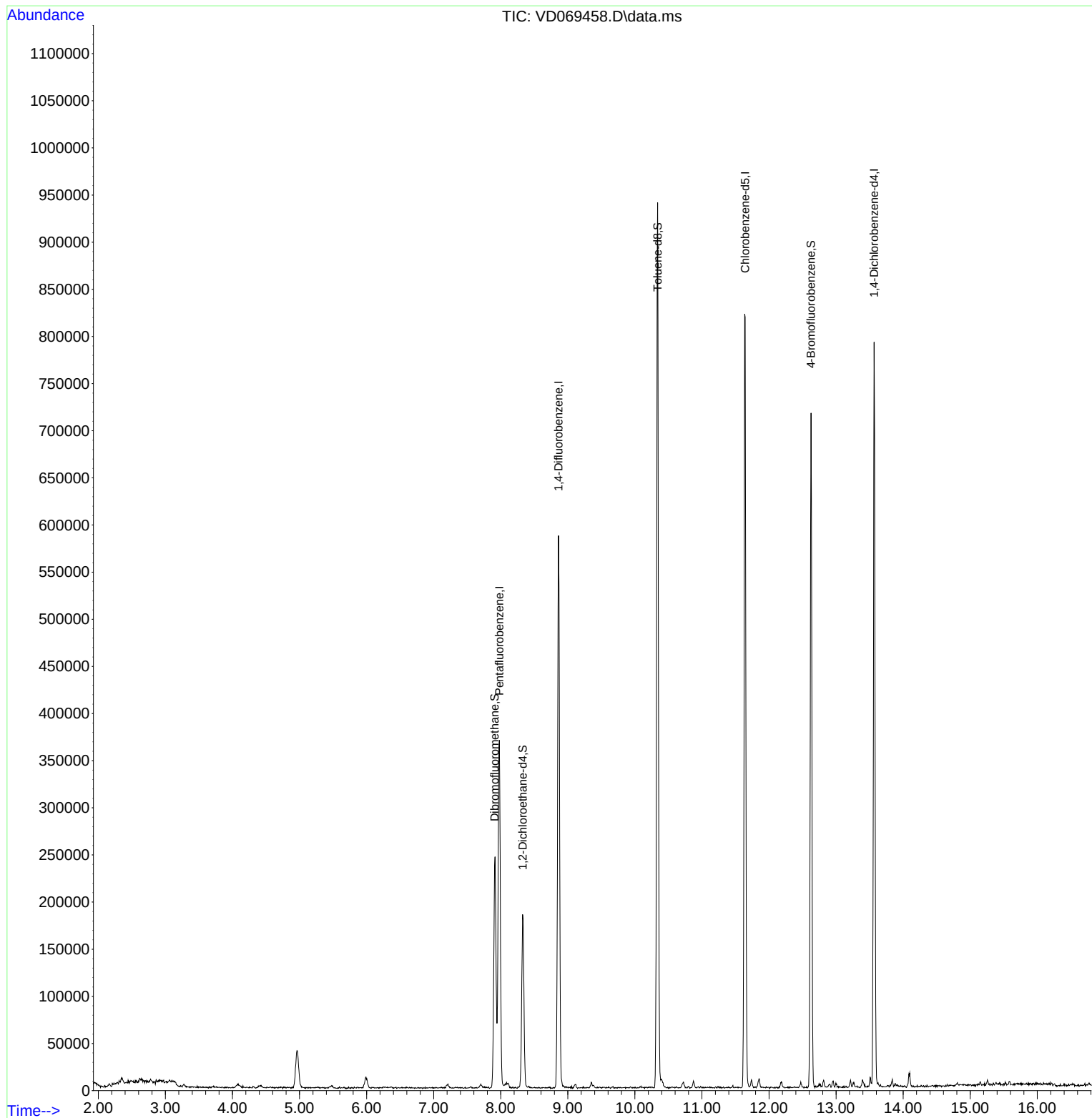
Target Compounds	Qvalue

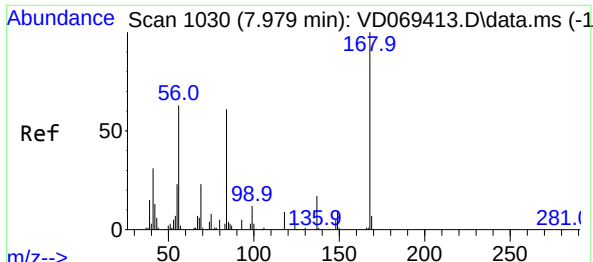
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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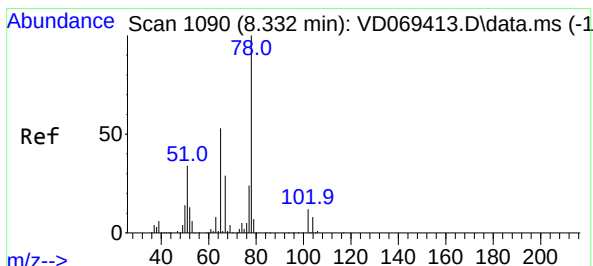
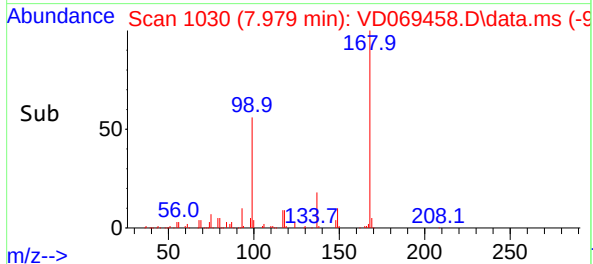
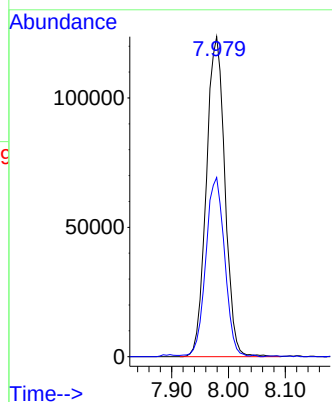
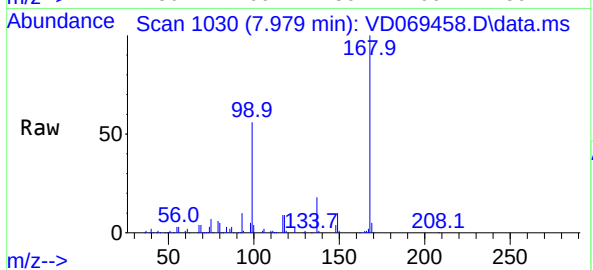




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

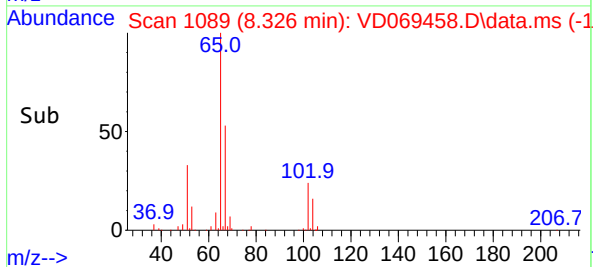
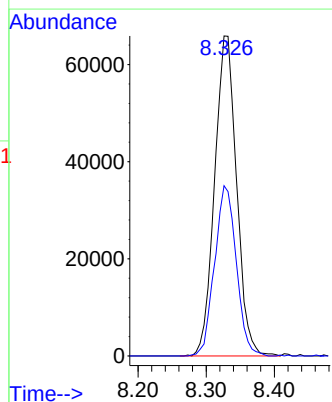
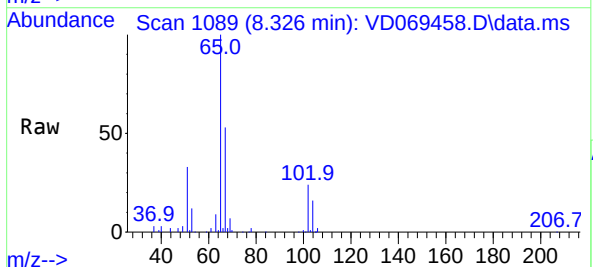
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-208

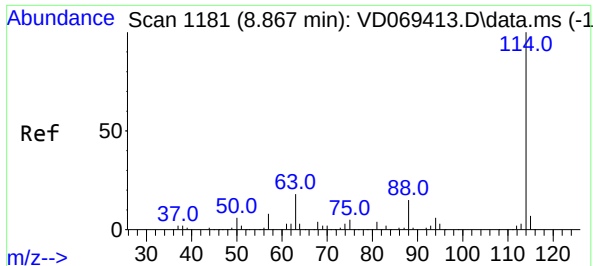
Tgt Ion:168 Resp: 279994
Ion Ratio Lower Upper
168 100
99 55.9 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 46.832 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion: 65 Resp: 147933
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8

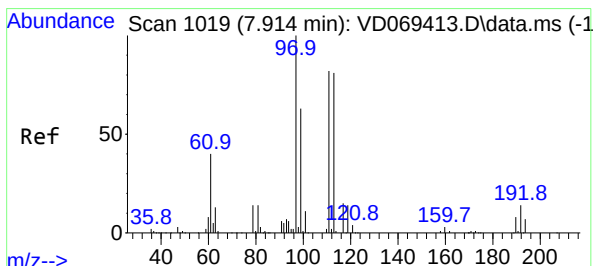
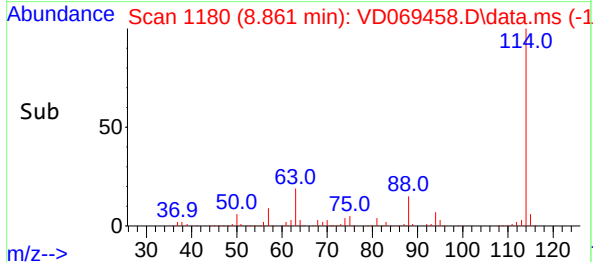
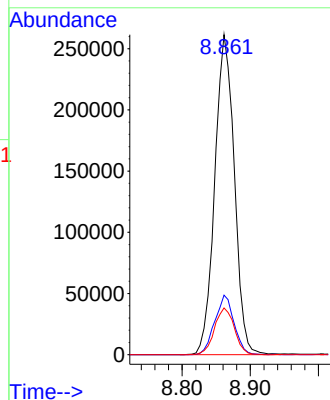
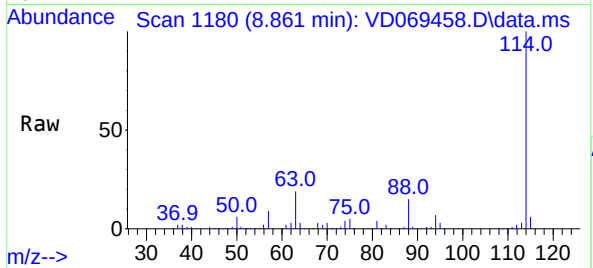




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

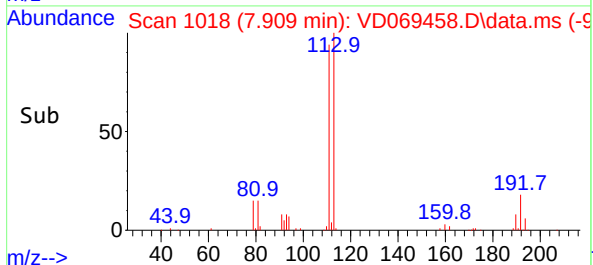
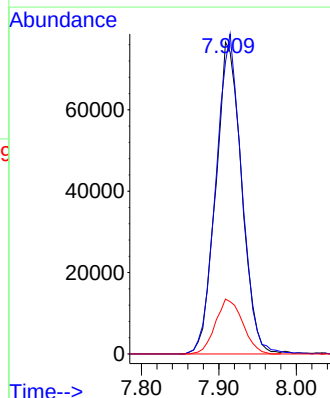
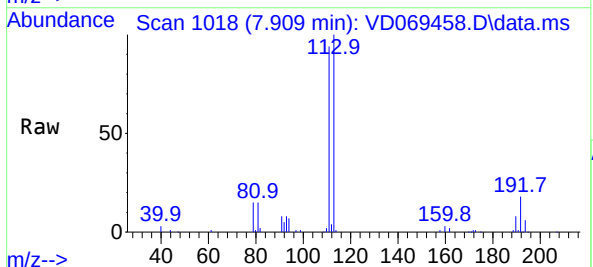
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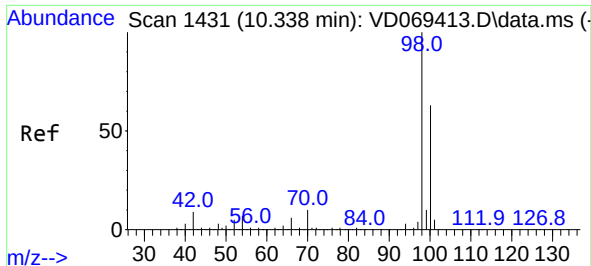
Tgt Ion:114 Resp: 522756
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.6
88 14.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 45.401 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion:113 Resp: 177765
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 18.5 15.1 22.7

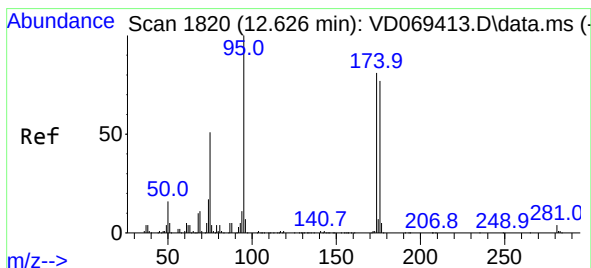
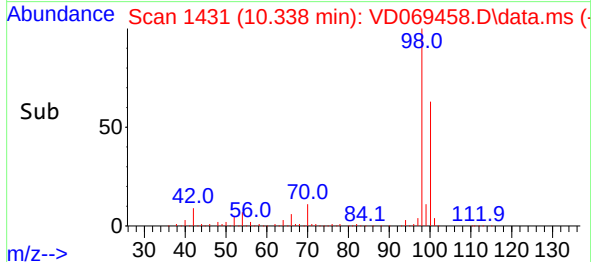
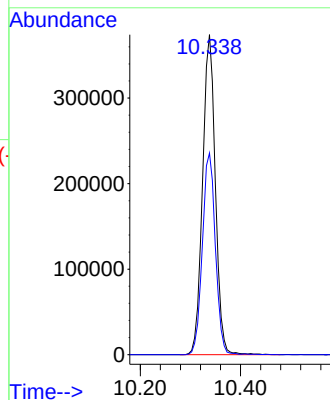
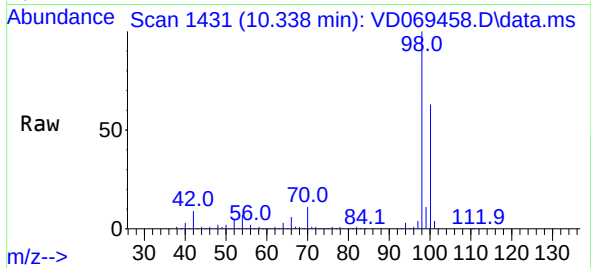




#50
Toluene-d8
Concen: 46.160 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

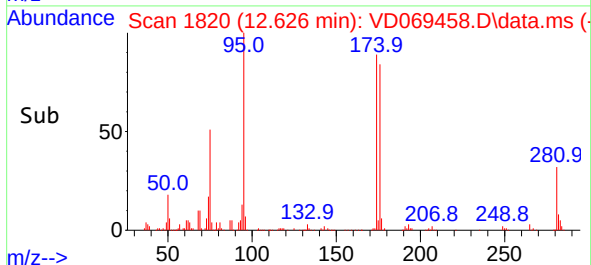
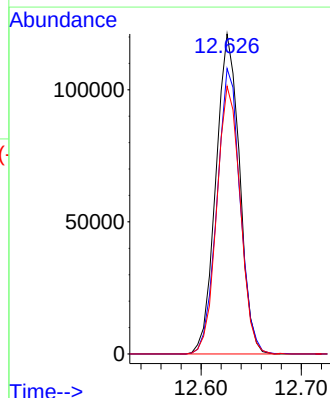
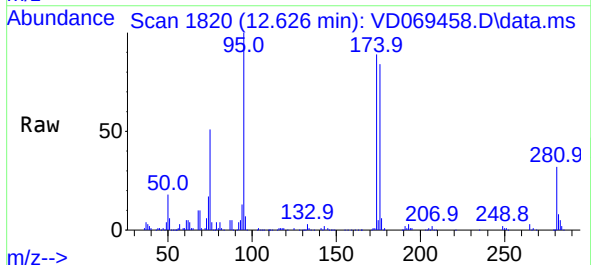
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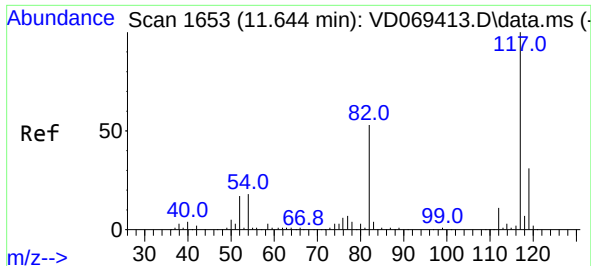
Tgt Ion: 98 Resp: 661045
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.231 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion: 95 Resp: 198645
Ion Ratio Lower Upper
95 100
174 87.1 0.0 162.8
176 82.9 0.0 154.4



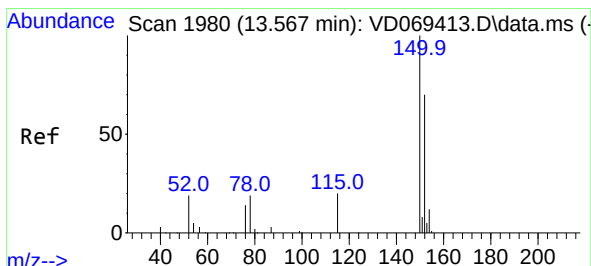
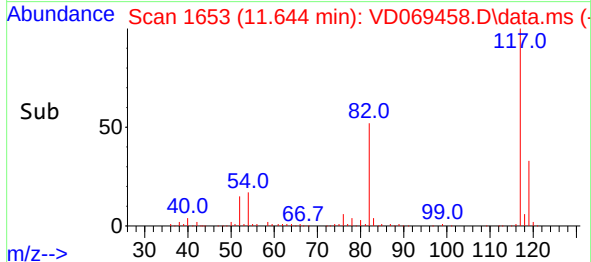
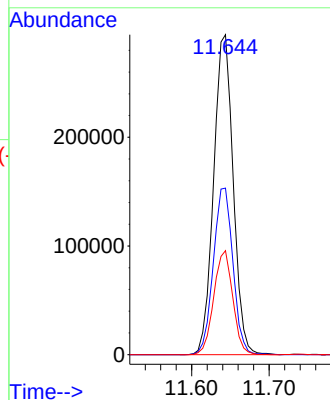
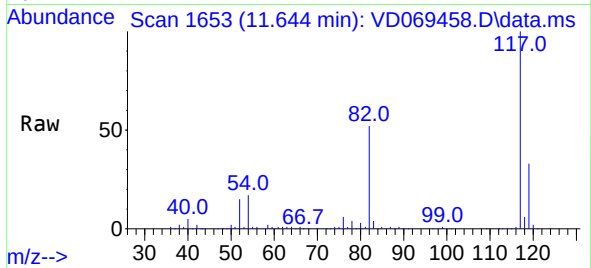


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069458.D
Acq: 16 Jun 2021 11:07

Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-208

Tgt Ion:117 Resp: 517455

Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.3	64.9
119	32.5	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: VD069458.D
Acq: 16 Jun 2021 11:07

Tgt Ion:152 Resp: 216065

Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.4	88.3
150	156.6	0.0	355.0

