

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069440.D
 Acq On : 15 Jun 2021 12:43
 Operator : VA/SY
 Sample : VD0615SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0615SBL01

Quant Time: Jun 16 01:59:23 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	305339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	591644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	611361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	278934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	193648	56.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.440%
35) Dibromofluoromethane	7.914	113	211890	47.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.338	98	762040	47.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.040%
62) 4-Bromofluorobenzene	12.626	95	281621	54.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.300%

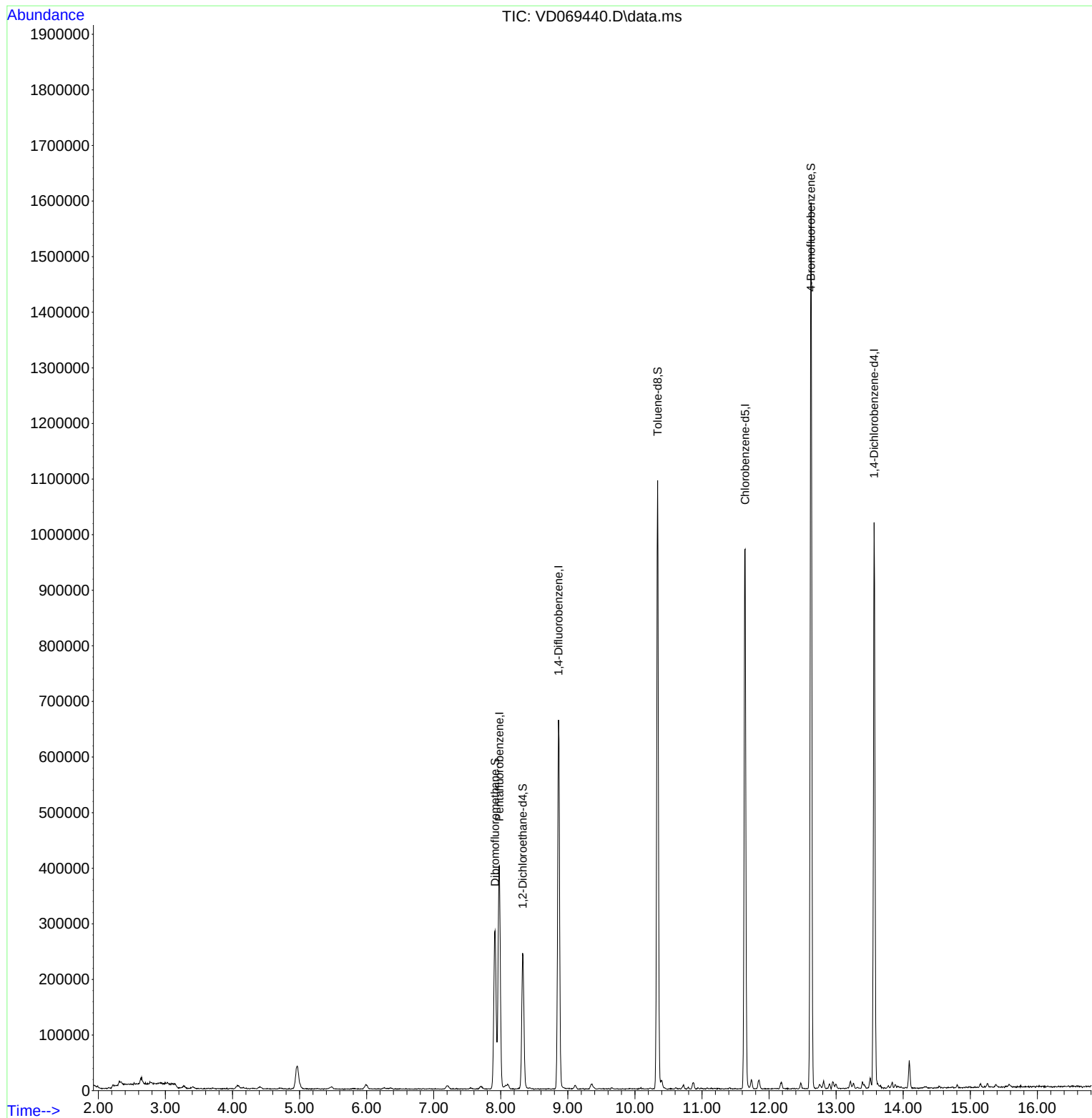
Target Compounds	Qvalue

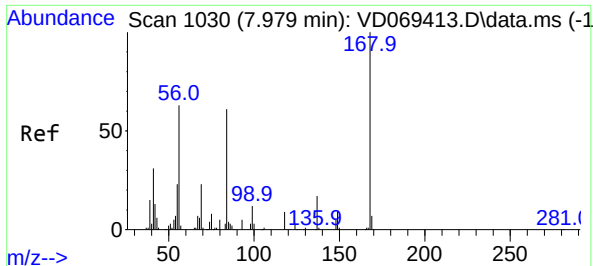
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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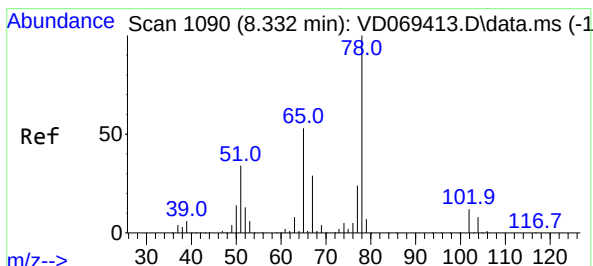
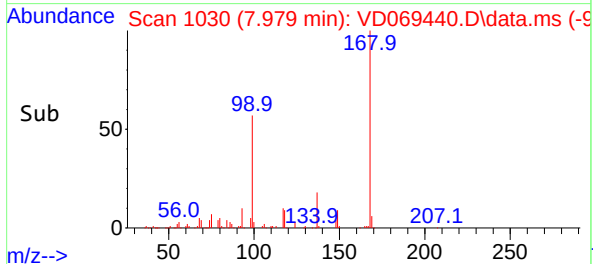
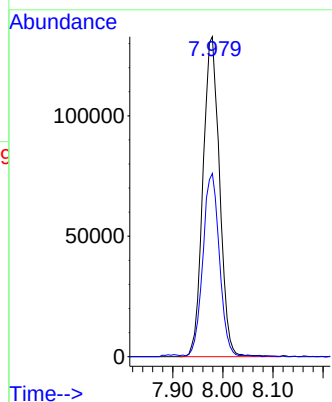
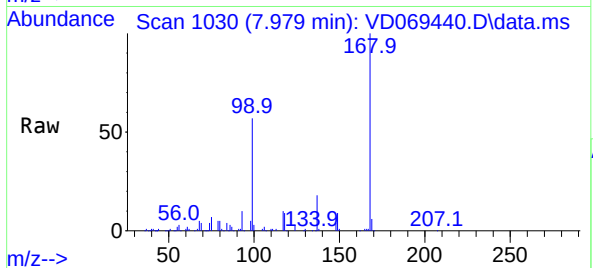




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

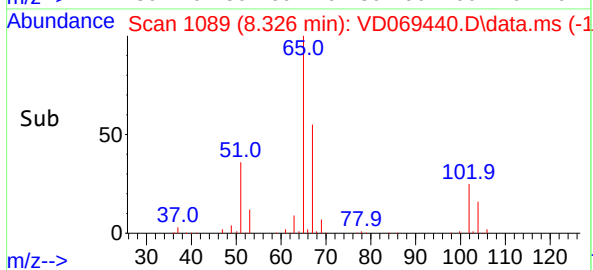
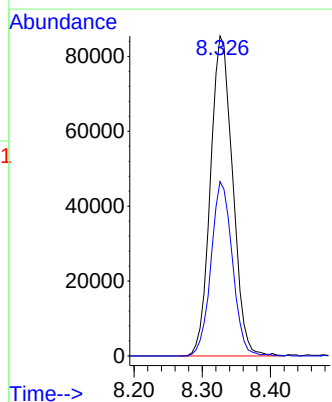
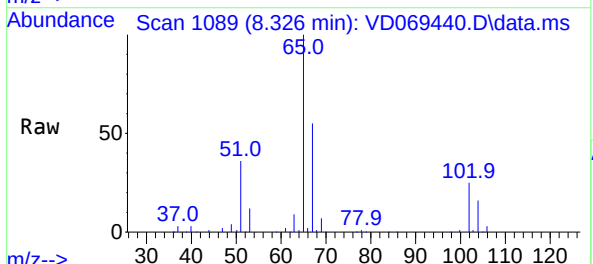
Instrument :
MSVOA_D
ClientSampleId :
VD0615SBL01

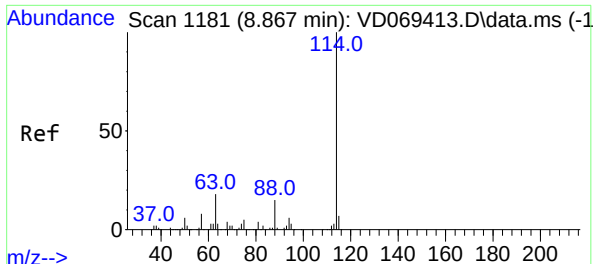
Tgt Ion:168 Resp: 305339
Ion Ratio Lower Upper
168 100
99 57.1 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 56.216 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Tgt Ion: 65 Resp: 193648
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8



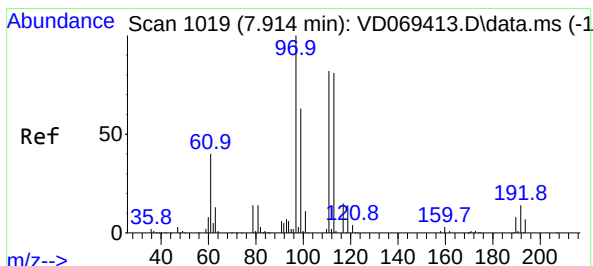
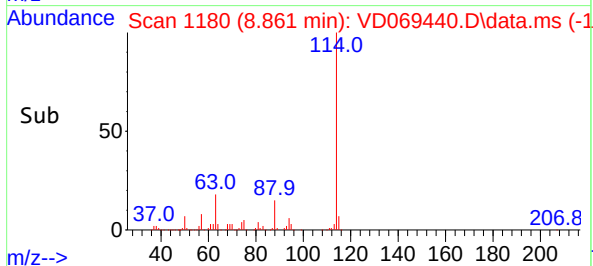
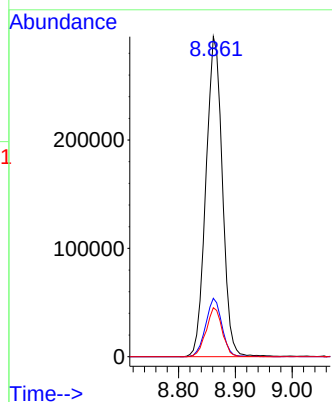
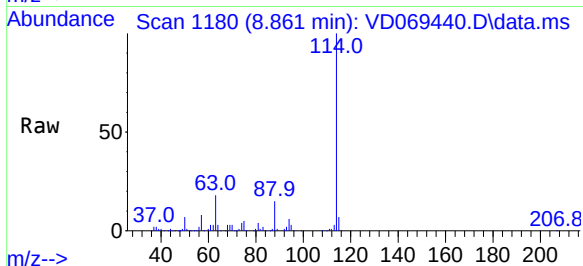


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0615SBL01

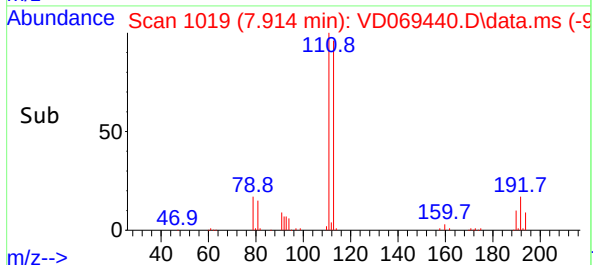
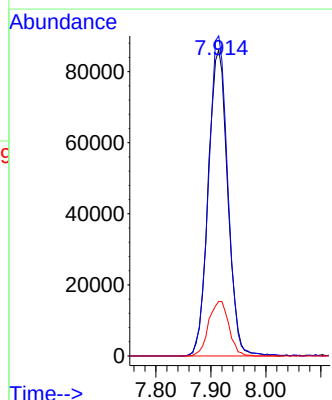
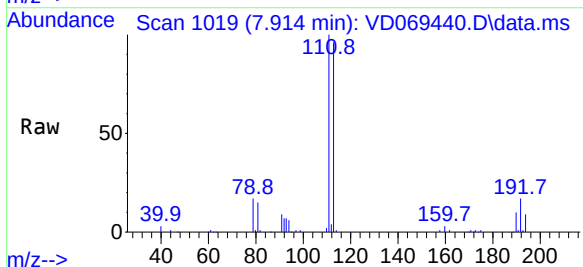
Tgt Ion:	114	Resp:	591644
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.6
88	15.3	0.0	31.2

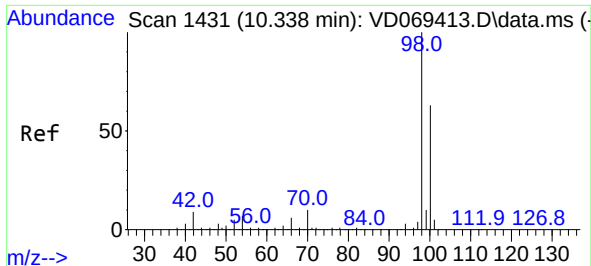


#35

Dibromofluoromethane
Concen: 47.815 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Tgt Ion:	113	Resp:	211890
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.6
192	18.5	15.1	22.7

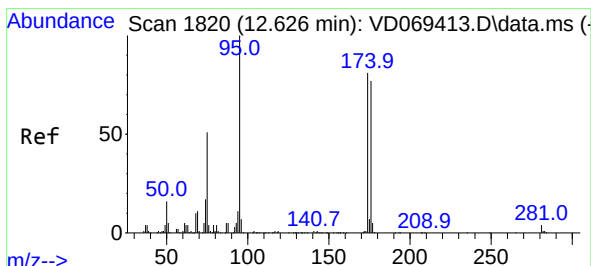
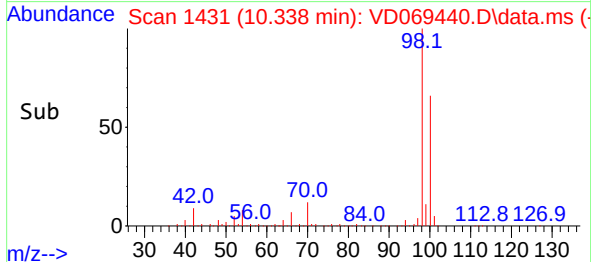
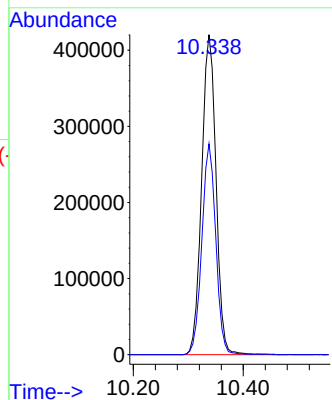
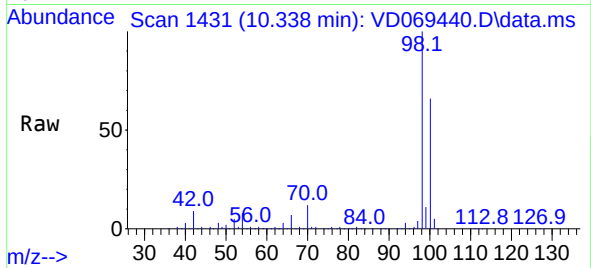




#50
Toluene-d8
Concen: 47.017 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

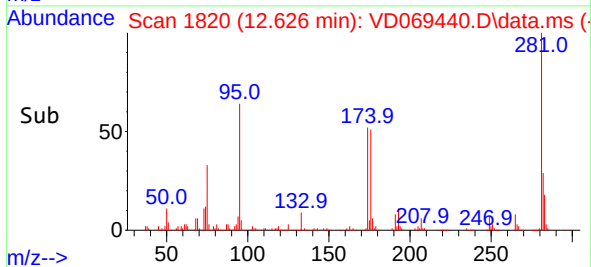
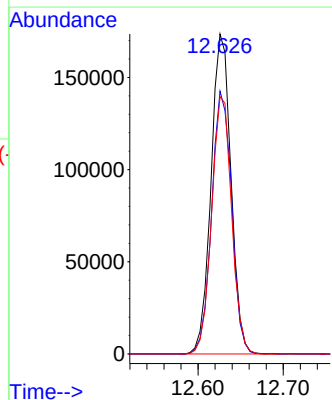
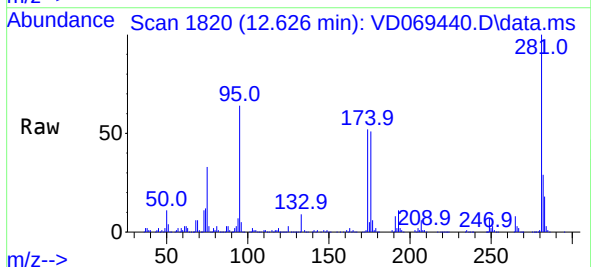
Instrument :
MSVOA_D
ClientSampleId :
VD0615SBL01

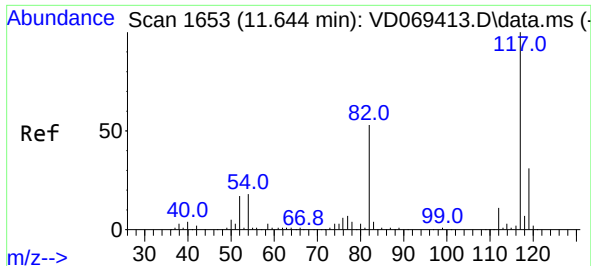
Tgt Ion: 98 Resp: 762040
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.153 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Tgt Ion: 95 Resp: 281621
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.8
176 80.6 0.0 154.4



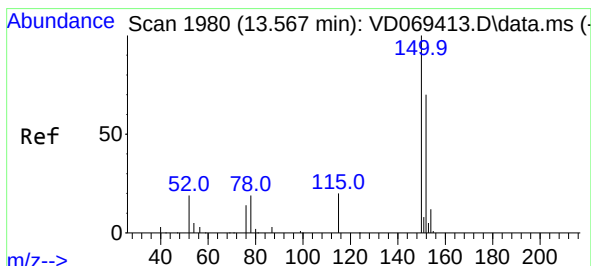
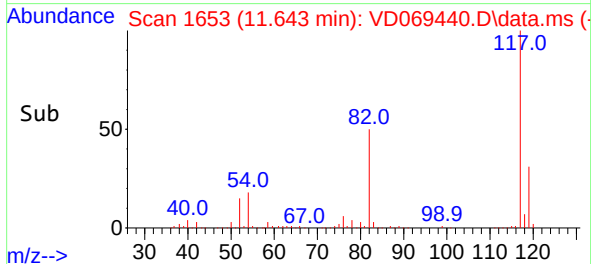
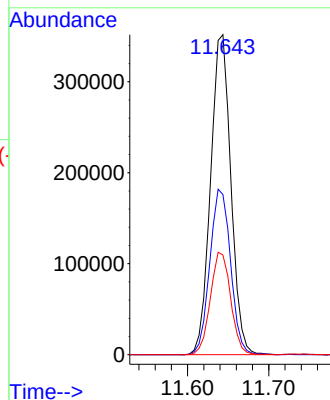
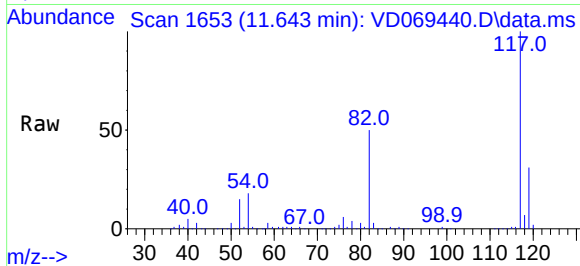


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069440.D
Acq: 15 Jun 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0615SBL01

Tgt Ion:117 Resp: 611361

Ion	Ratio	Lower	Upper
117	100		
82	50.0	43.3	64.9
119	31.2	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: VD069440.D
Acq: 15 Jun 2021 12:43

Tgt Ion:152 Resp: 278934

Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.4	88.3
150	158.2	0.0	355.0

