

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070002.D
 Acq On : 09 Aug 2021 17:55
 Operator : VA/SY
 Sample : M3321-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CARLSTADT

Quant Time: Aug 10 07:05:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	127969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	254819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	293814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	141952	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129606	88.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	176.120%#
35) Dibromofluoromethane	7.908	113	102361	63.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.440%
50) Toluene-d8	10.338	98	344704	55.650	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.300%
62) 4-Bromofluorobenzene	12.626	95	143869	69.499	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	139.000%

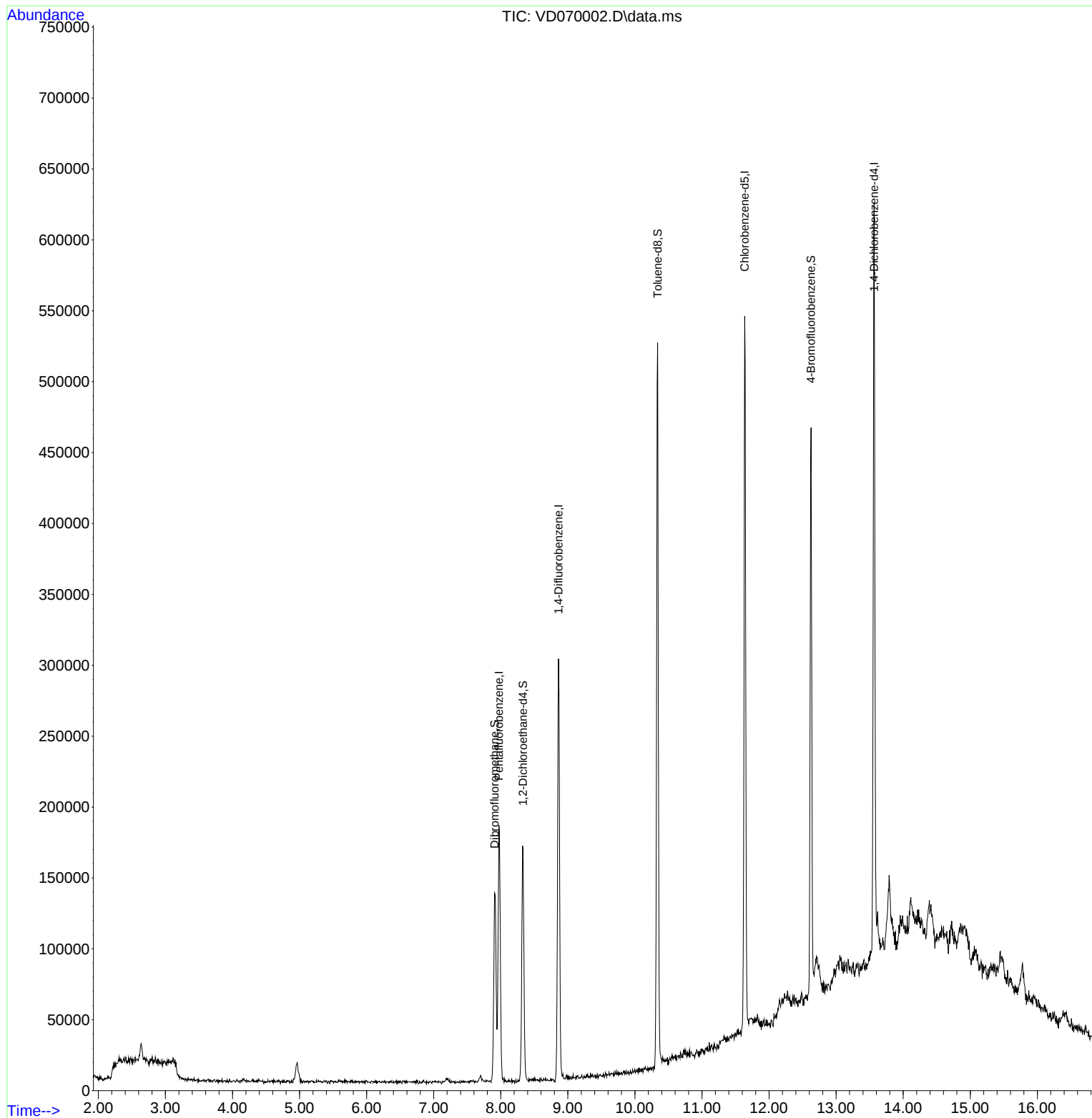
Target Compounds	Qvalue

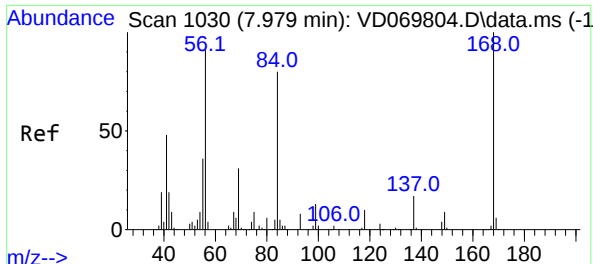
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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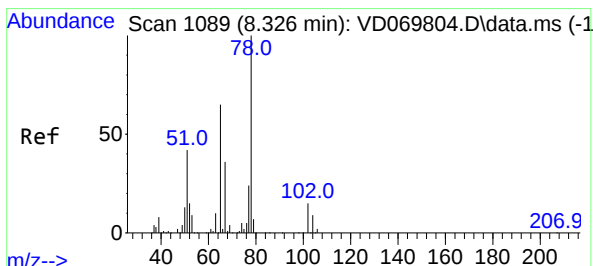
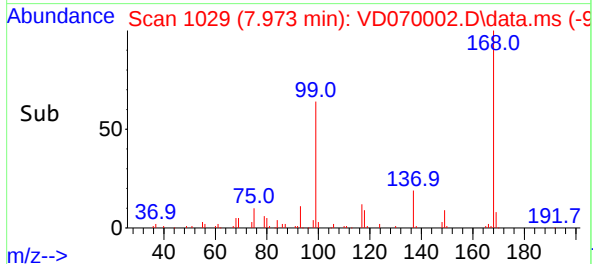
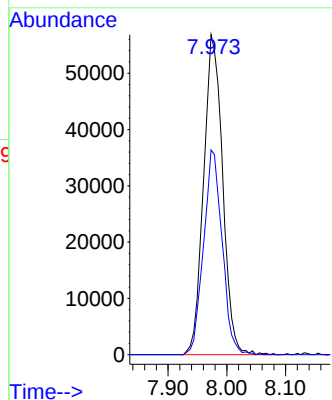
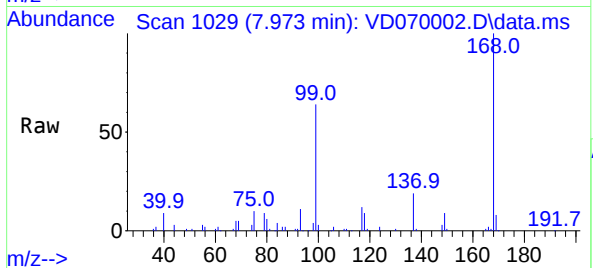




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070002.D
Acq: 09 Aug 2021 17:55

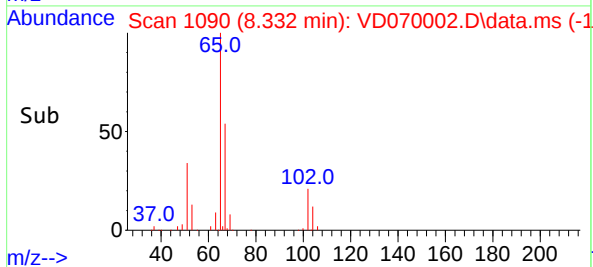
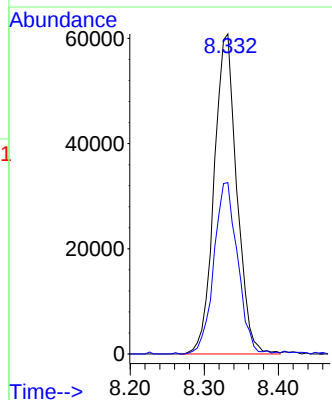
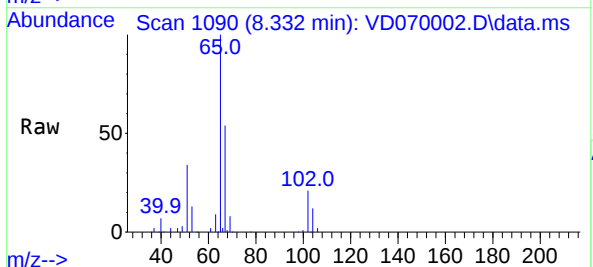
Instrument :
MSVOA_D
ClientSampleId :
CARLSTADT

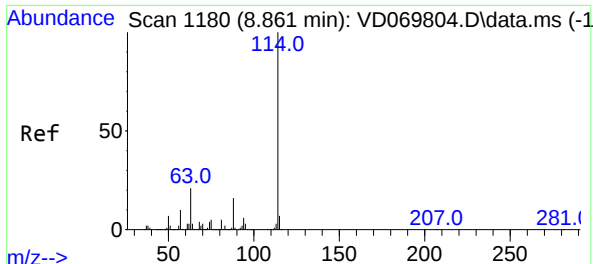
Tgt Ion:168 Resp: 127969
Ion Ratio Lower Upper
168 100
99 64.0 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 88.062 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070002.D
Acq: 09 Aug 2021 17:55

Tgt Ion: 65 Resp: 129606
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.2



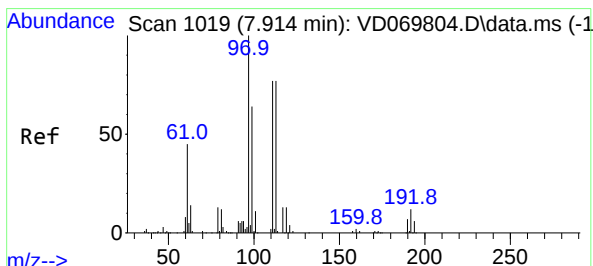
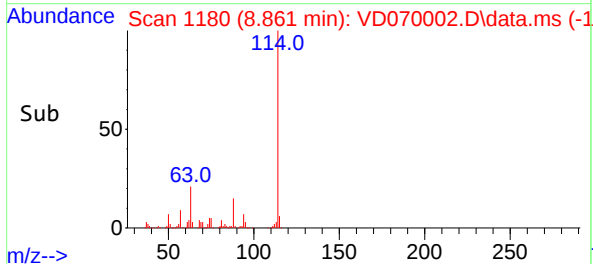
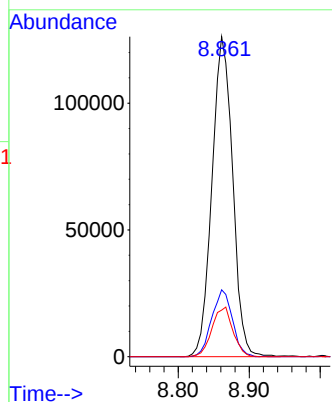
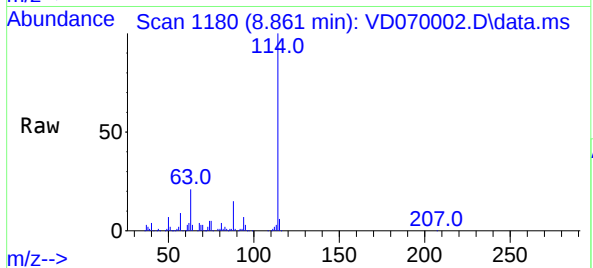


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070002.D
Acq: 09 Aug 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :
CARLSTADT

Tgt Ion:114 Resp: 254819

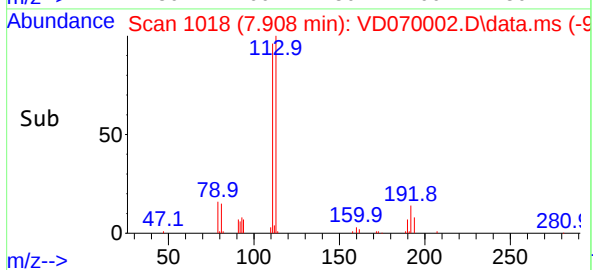
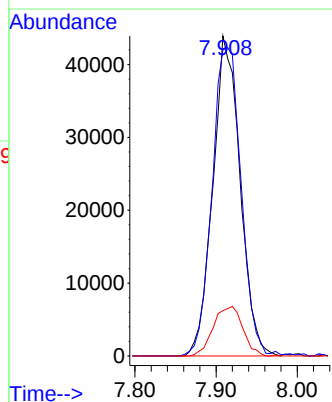
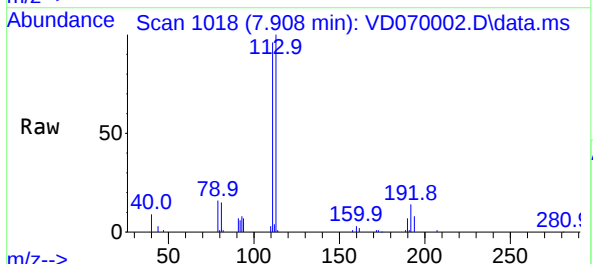
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.6
88	14.5	0.0	31.4



#35
Dibromofluoromethane
Concen: 63.722 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070002.D
Acq: 09 Aug 2021 17:55

Tgt Ion:113 Resp: 102361

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.5	120.7
192	16.7	12.6	19.0

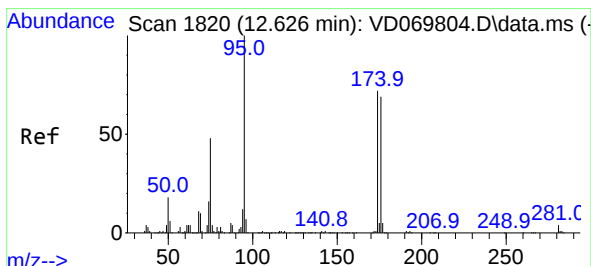
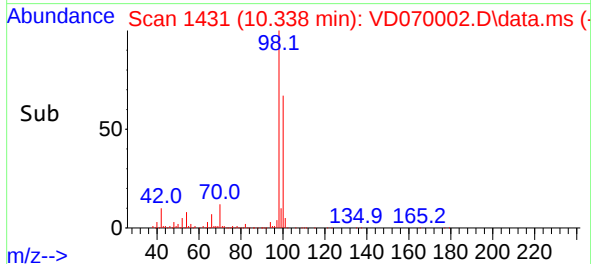
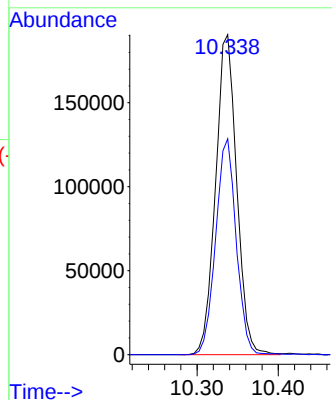
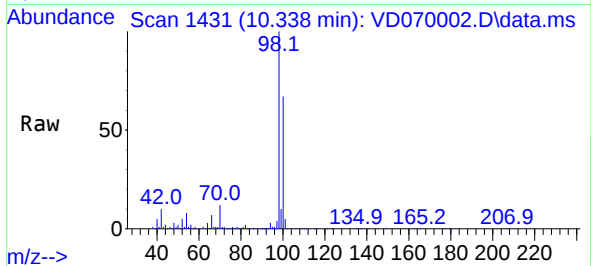




#50
Toluene-d8
Concen: 55.650 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070002.D
Acq: 09 Aug 2021 17:55

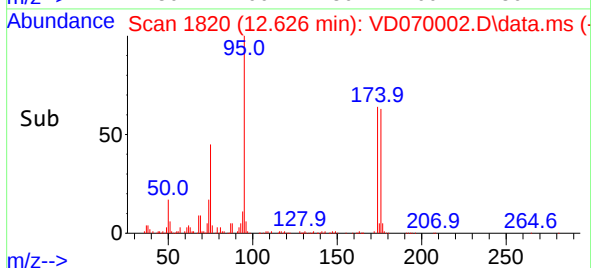
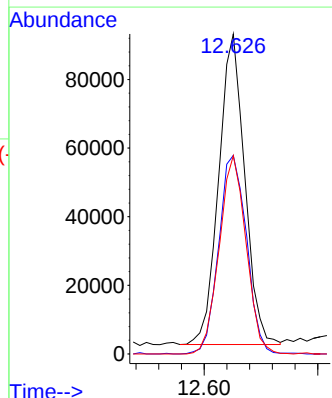
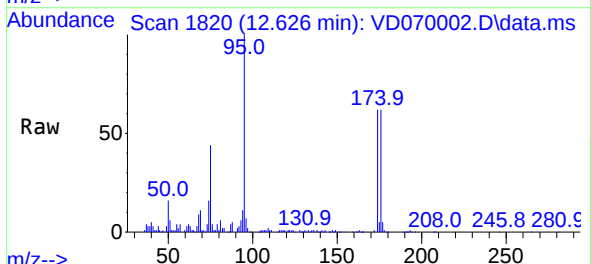
Instrument :
MSVOA_D
ClientSampleID :
CARLSTADT

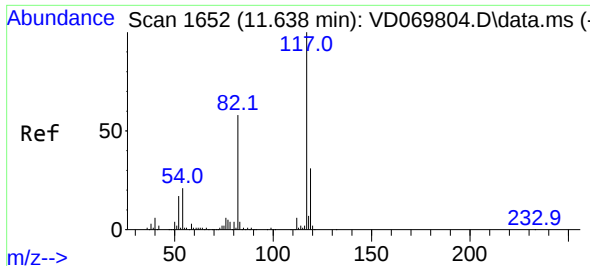
Tgt Ion: 98 Resp: 344704
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 69.499 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070002.D
Acq: 09 Aug 2021 17:55

Tgt Ion: 95 Resp: 143869
Ion Ratio Lower Upper
95 100
174 68.6 0.0 142.6
176 65.8 0.0 134.2

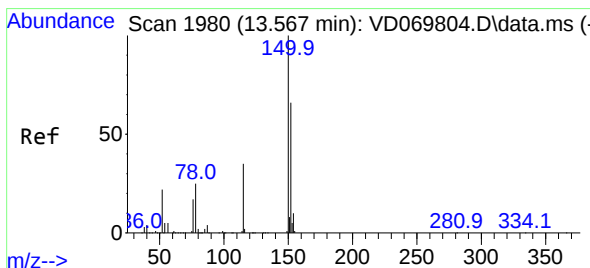
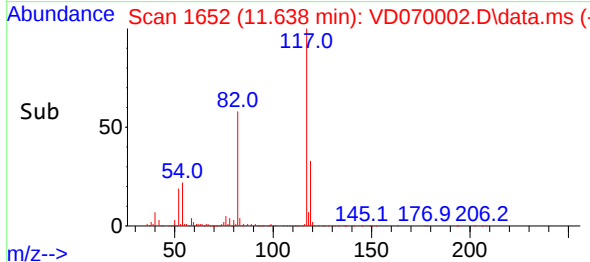
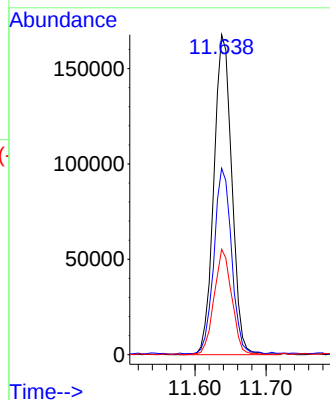
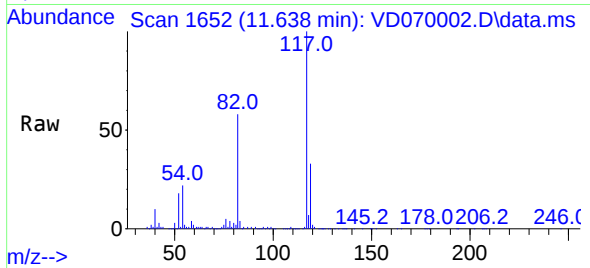




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070002.D
Acq: 09 Aug 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :
CARLSTADT

Tgt Ion:117 Resp: 293814
Ion Ratio Lower Upper
117 100
82 57.8 46.3 69.5
119 32.8 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070002.D
Acq: 09 Aug 2021 17:55

Tgt Ion:152 Resp: 141952
Ion Ratio Lower Upper
152 100
115 59.1 31.1 93.3
150 151.8 0.0 343.0

