

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069084.D
 Acq On : 06 May 2021 19:24
 Operator : VA/SY
 Sample : M2306-02
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-1A

Quant Time: May 07 01:12:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	230370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	436697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	492074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	141417	47.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.26%
35) Dibromofluoromethane	7.914	113	152547	50.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.88%
50) Toluene-d8	10.338	98	562652	50.89	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.78%
62) 4-Bromofluorobenzene	12.626	95	213786	58.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.58%

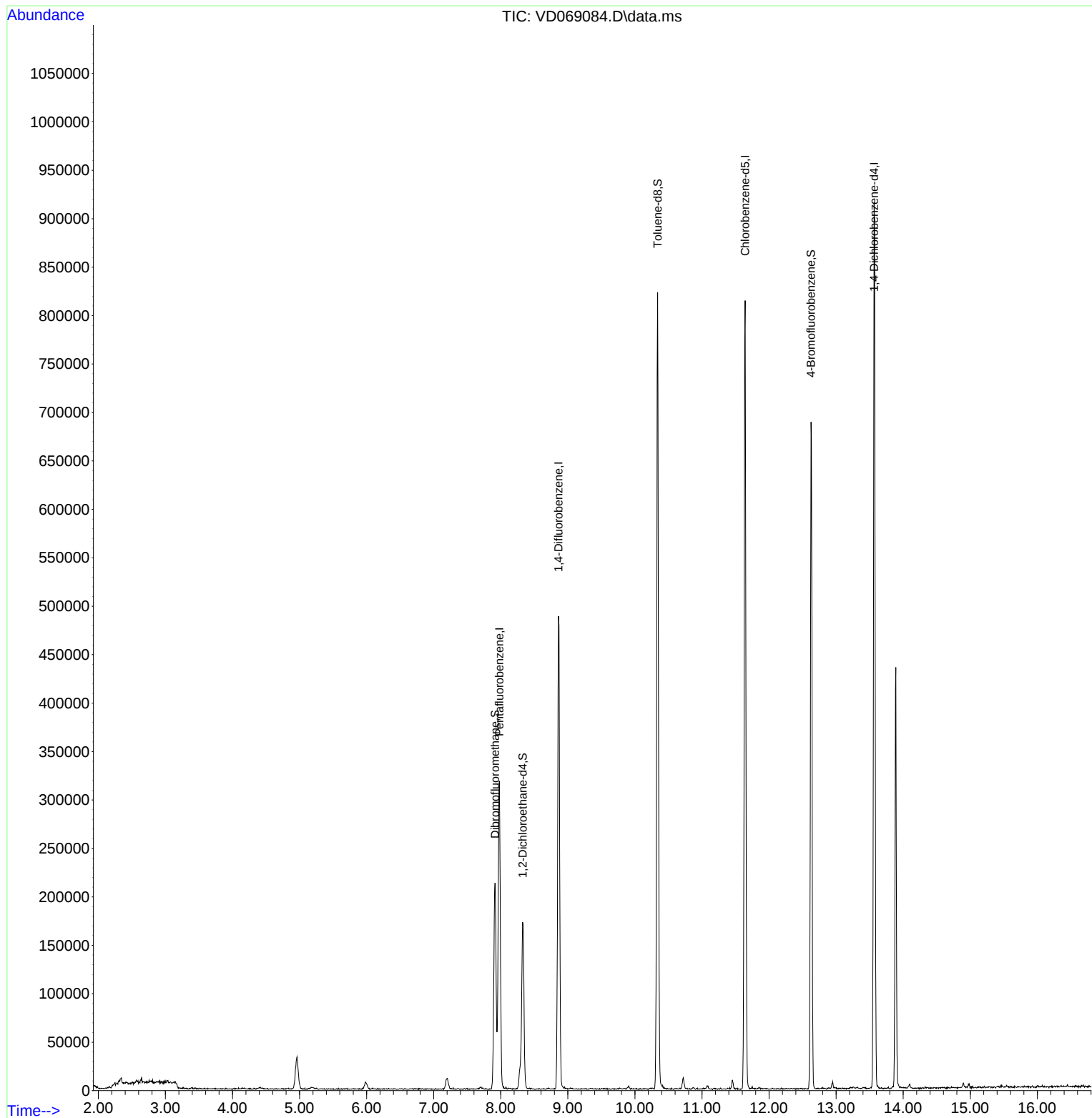
Target Compounds	Qvalue

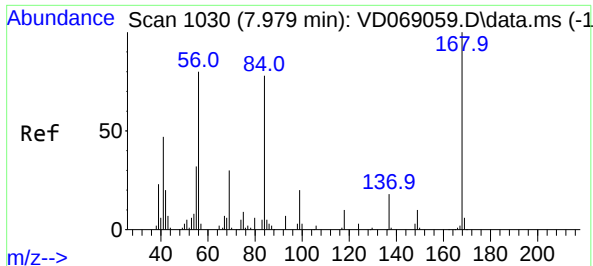
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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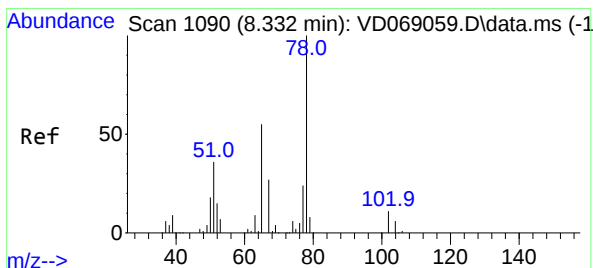
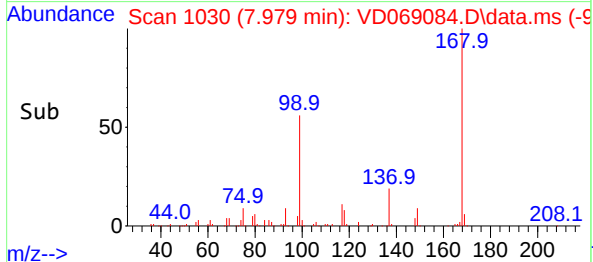
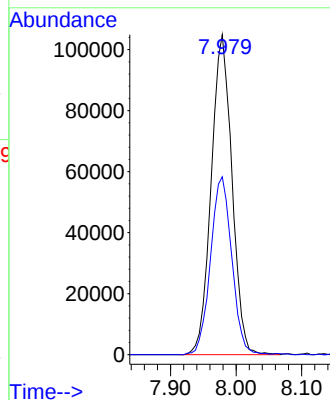
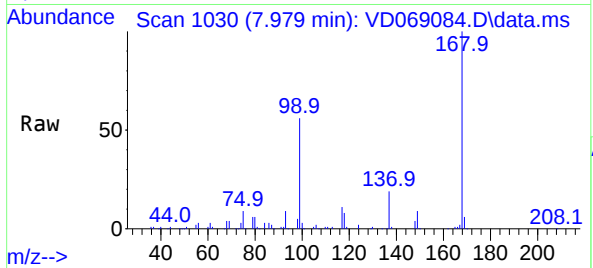




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069084.D
Acq: 06 May 2021 19:24

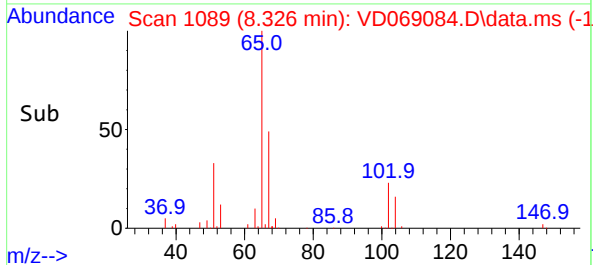
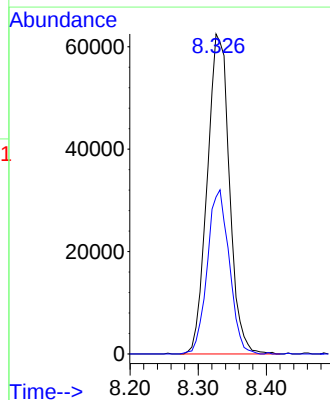
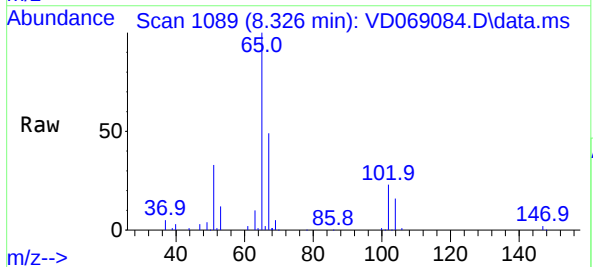
Instrument :
MSVOA_D
ClientSampled :
C-1A

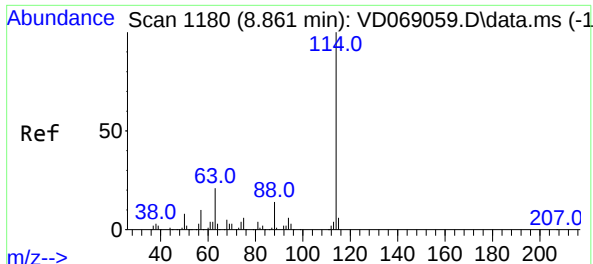
Tgt Ion:168 Resp: 230370
Ion Ratio Lower Upper
168 100
99 55.6 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 47.63 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069084.D
Acq: 06 May 2021 19:24

Tgt Ion: 65 Resp: 141417
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4



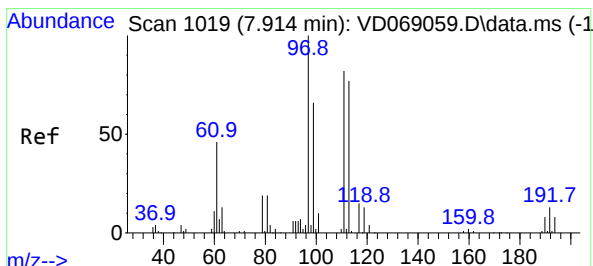
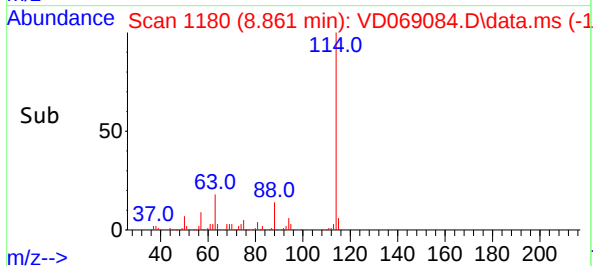
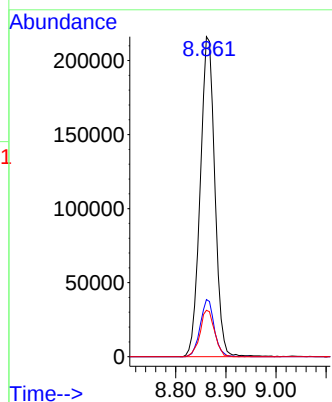
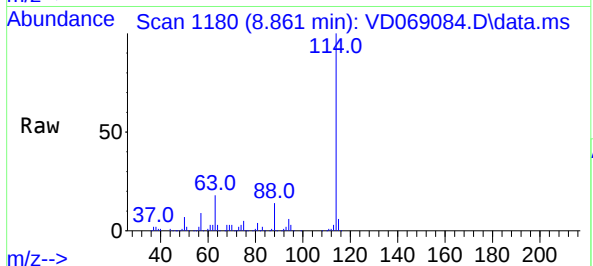


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069084.D
Acq: 06 May 2021 19:24

Instrument :
MSVOA_D
ClientSampled :
C-1A

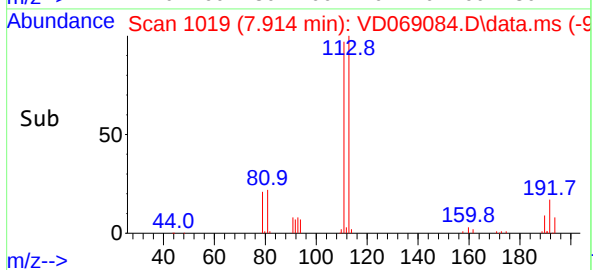
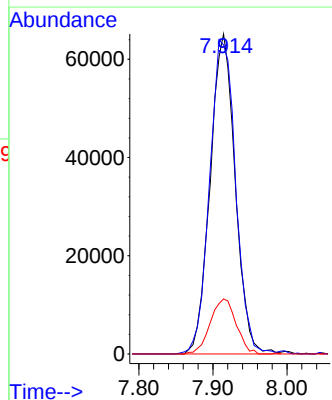
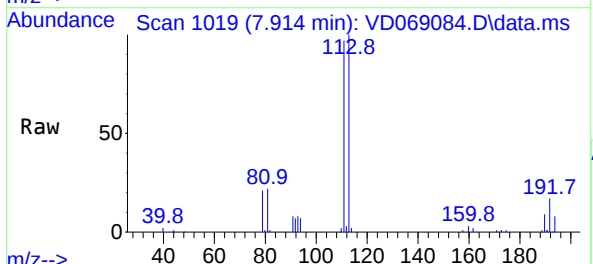
Tgt Ion:	114	Resp:	436697
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	41.4
88	14.5	0.0	27.8

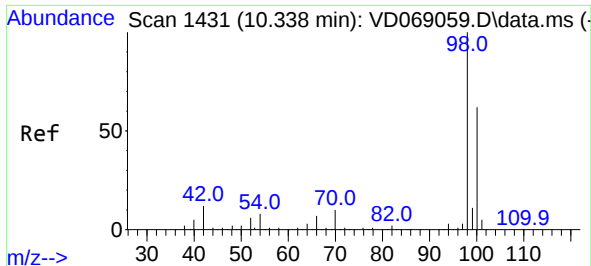


#35

Dibromofluoromethane
Concen: 50.94 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069084.D
Acq: 06 May 2021 19:24

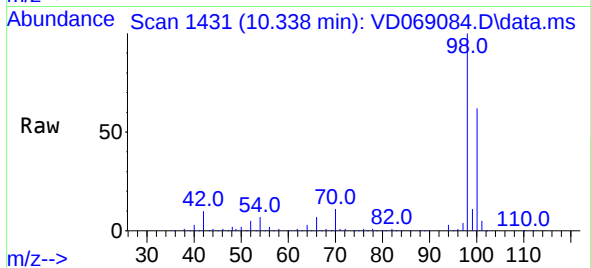
Tgt Ion:	113	Resp:	152547
Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.6	126.8
192	17.8	13.5	20.3



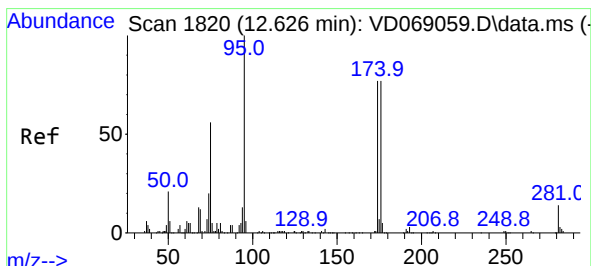
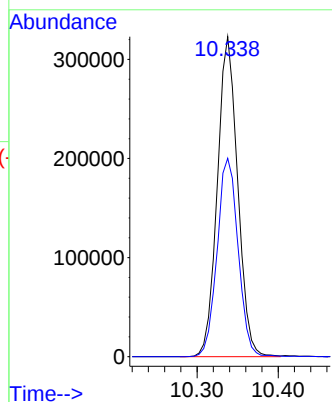
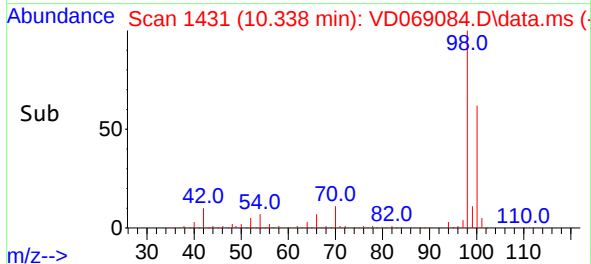


#50
Toluene-d8
Concen: 50.89 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069084.D
Acq: 06 May 2021 19:24

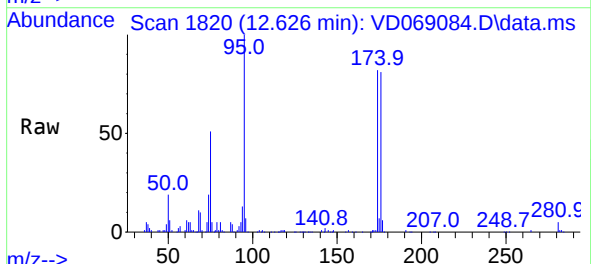
Instrument :
MSVOA_D
ClientSampled :
C-1A



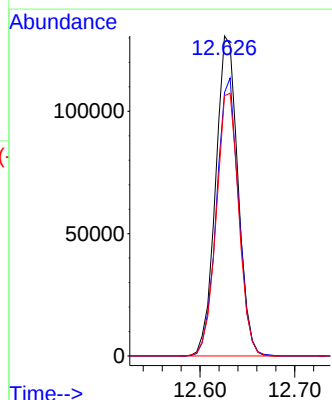
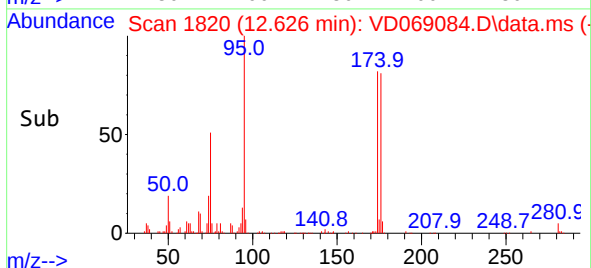
Tgt Ion: 98 Resp: 562652
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4

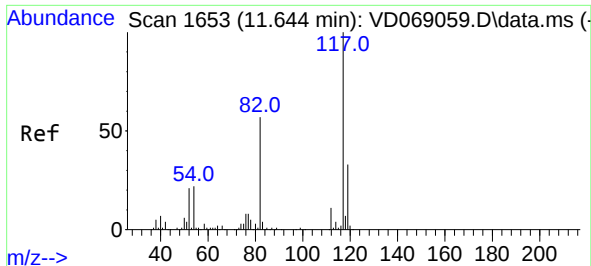


#62
4-Bromofluorobenzene
Concen: 58.79 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069084.D
Acq: 06 May 2021 19:24



Tgt Ion: 95 Resp: 213786
Ion Ratio Lower Upper
95 100
174 85.9 0.0 156.0
176 82.7 0.0 149.4

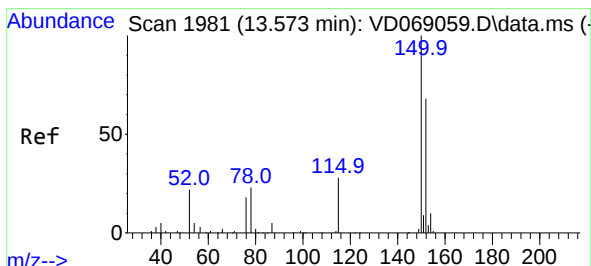
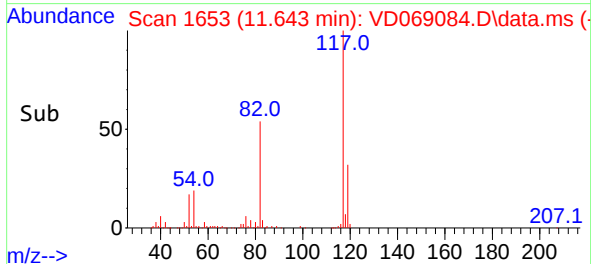
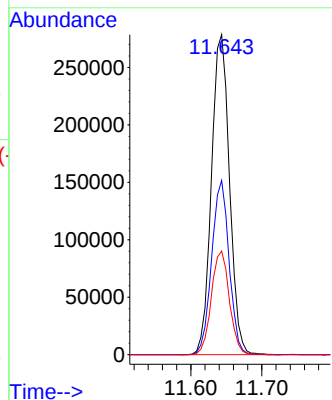
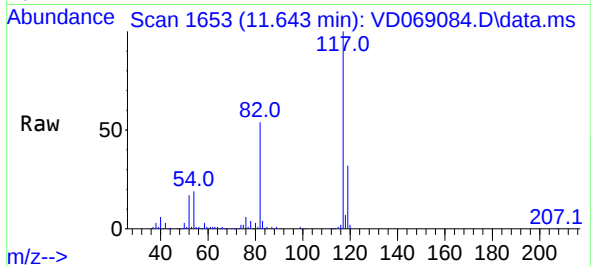




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069084.D
Acq: 06 May 2021 19:24

Instrument :
MSVOA_D
ClientSampleId :
C-1A

Tgt Ion:	117	Resp:	492074
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.4	68.2
119	32.4	26.8	40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069084.D
Acq: 06 May 2021 19:24

Tgt Ion:	152	Resp:	242626
Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.5	91.5
150	159.2	0.0	340.8

