

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062321\
 Data File : VD069541.D
 Acq On : 23 Jun 2021 13:25
 Operator : VA/SY
 Sample : M2815-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SH-1A

Quant Time: Jun 24 06:08:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	64791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	118853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	139216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	57175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	70112	86.81	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.62%#	
35) Dibromofluoromethane	7.914	113	49956	62.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.36%	
50) Toluene-d8	10.338	98	153810	51.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.08%	
62) 4-Bromofluorobenzene	12.626	95	57483	58.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.04%	

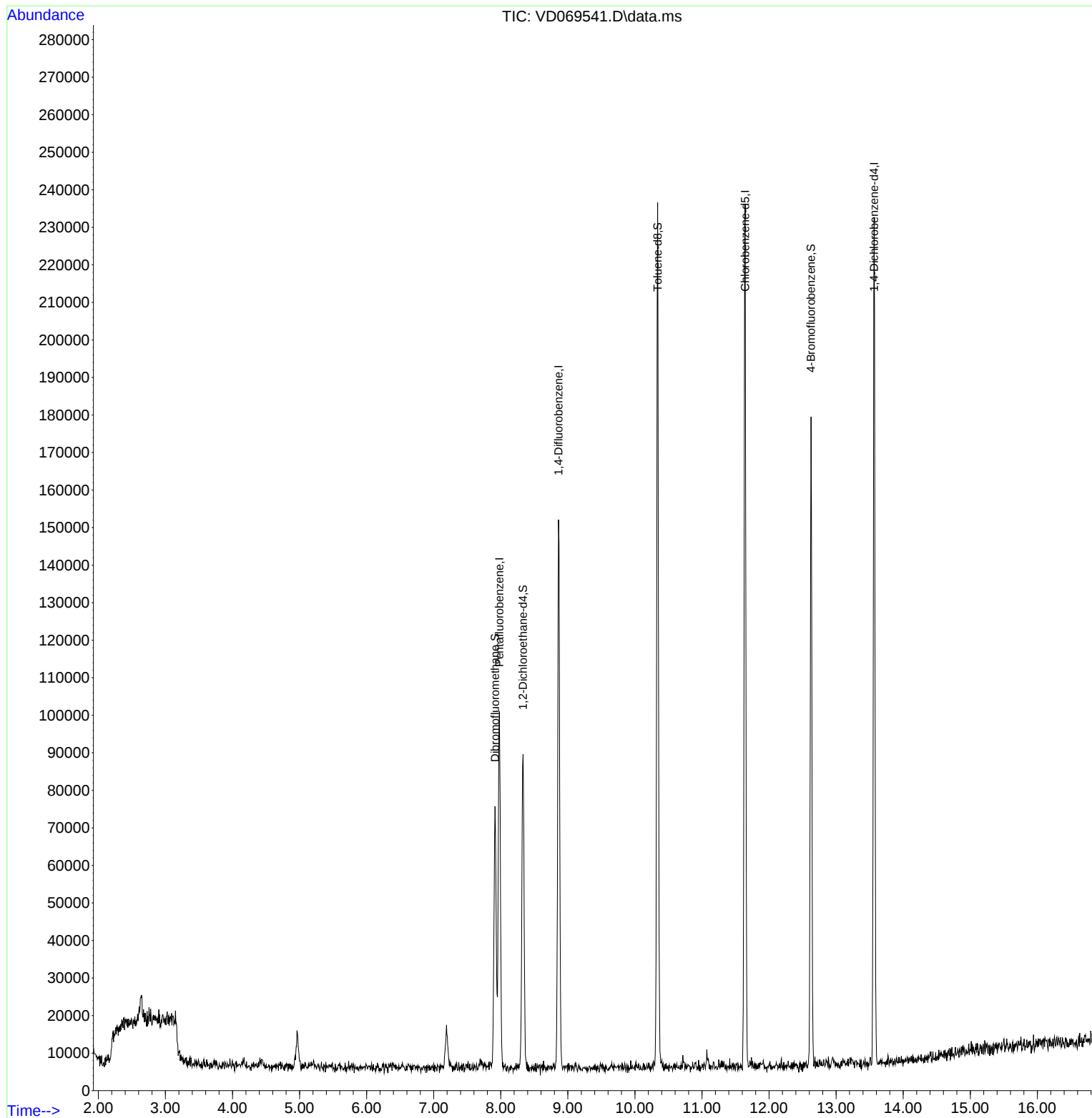
Target Compounds	Qvalue

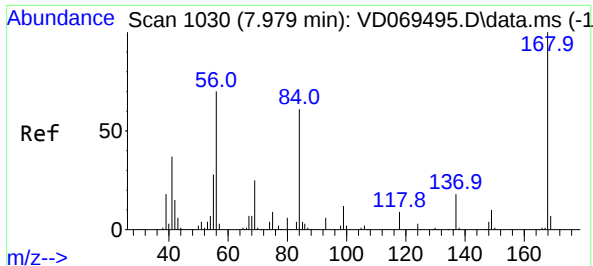
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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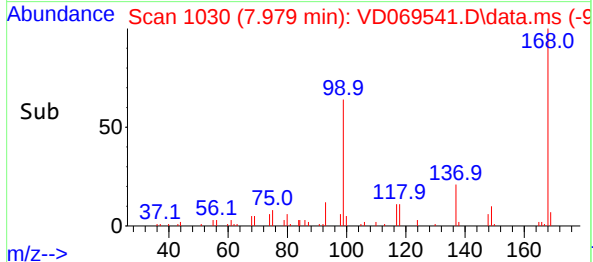
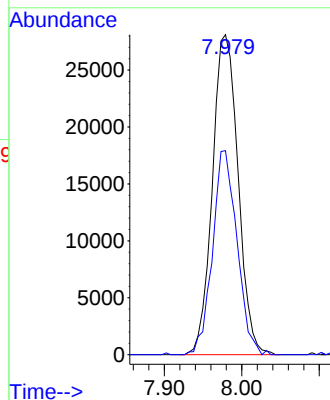
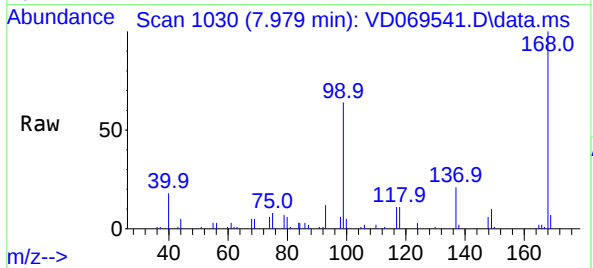




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069541.D
Acq: 23 Jun 2021 13:25

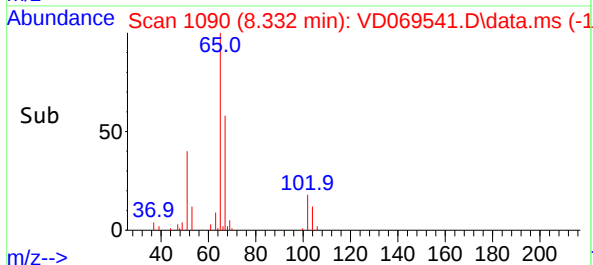
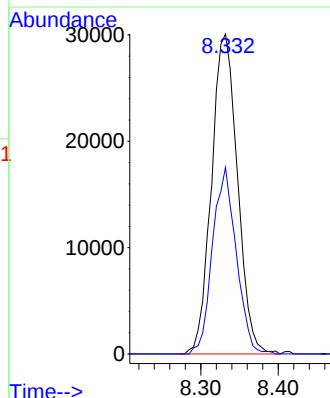
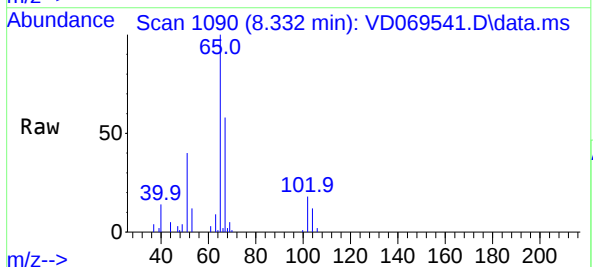
Instrument :
MSVOA_D
ClientSampleId :
SH-1A

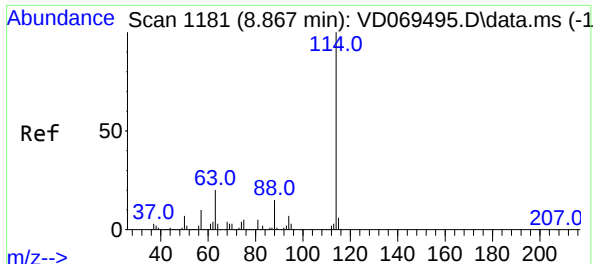
Tgt Ion:168 Resp: 64791
Ion Ratio Lower Upper
168 100
99 63.8 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 86.81 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069541.D
Acq: 23 Jun 2021 13:25

Tgt Ion: 65 Resp: 70112
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6





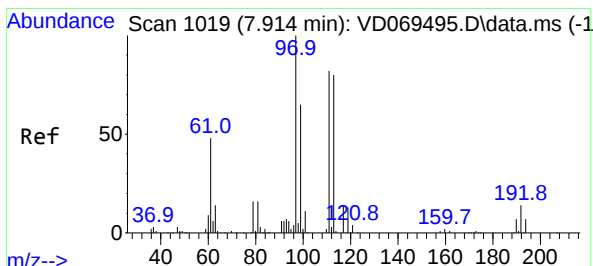
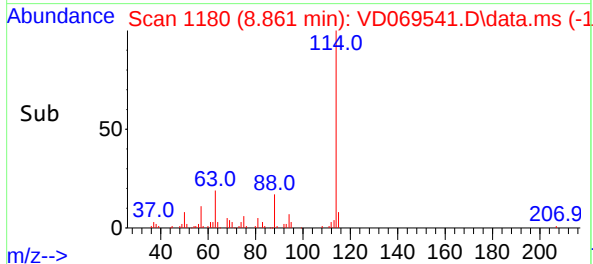
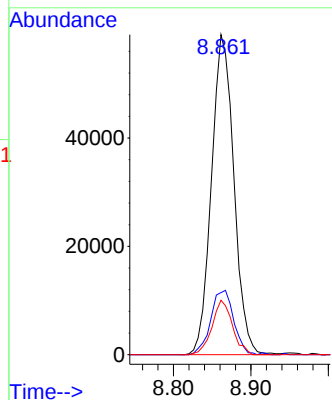
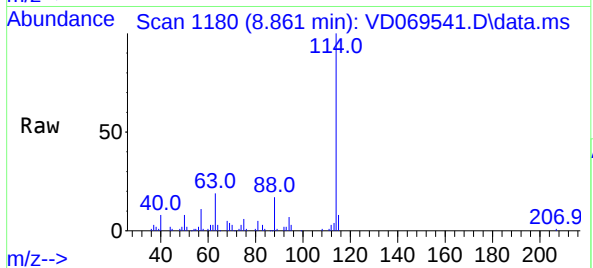
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069541.D
Acq: 23 Jun 2021 13:25

Instrument :
MSVOA_D
ClientSampleId :
SH-1A

Tgt Ion:114 Resp: 118853

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.6
88	17.0	0.0	29.8

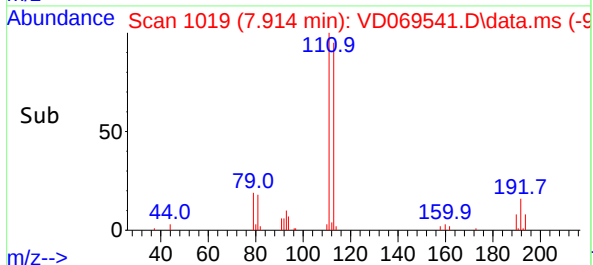
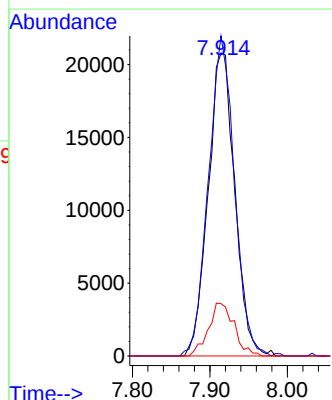
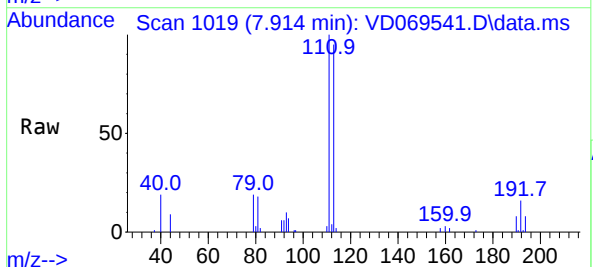


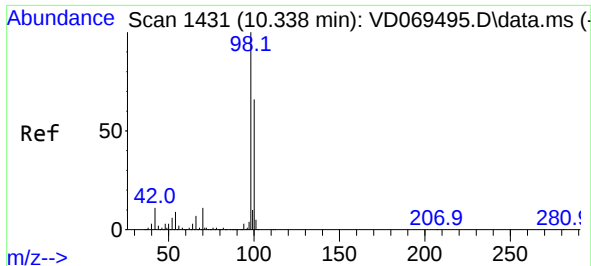
#35

Dibromofluoromethane
Concen: 62.18 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069541.D
Acq: 23 Jun 2021 13:25

Tgt Ion:113 Resp: 49956

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	16.7	13.8	20.6

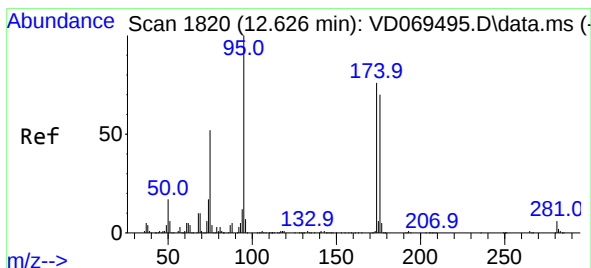
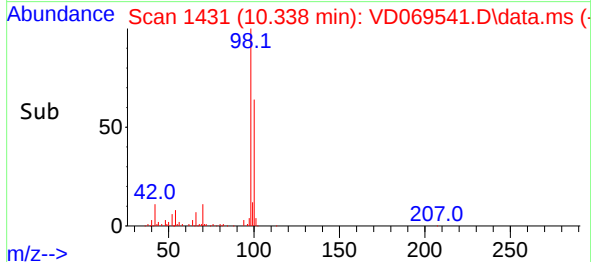
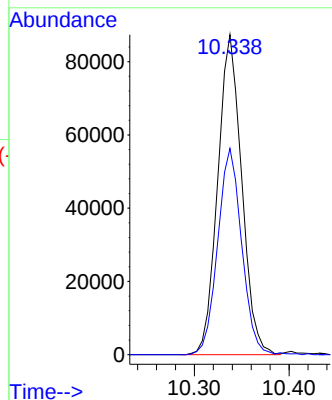
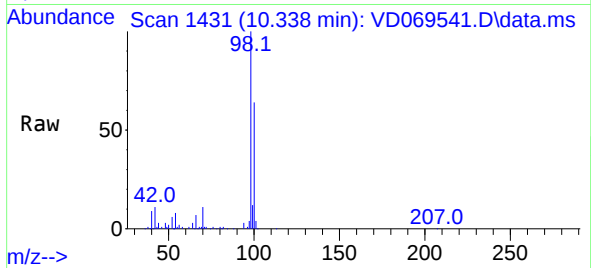




#50
Toluene-d8
Concen: 51.04 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069541.D
Acq: 23 Jun 2021 13:25

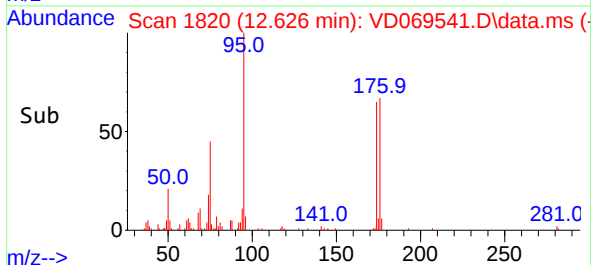
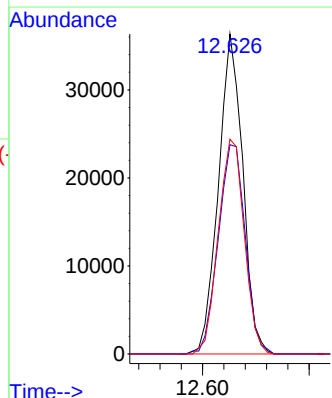
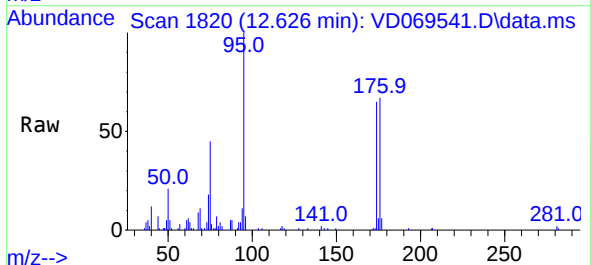
Instrument :
MSVOA_D
ClientSampleId :
SH-1A

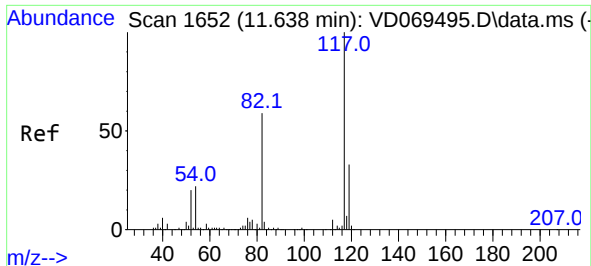
Tgt Ion: 98 Resp: 153810
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 58.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069541.D
Acq: 23 Jun 2021 13:25

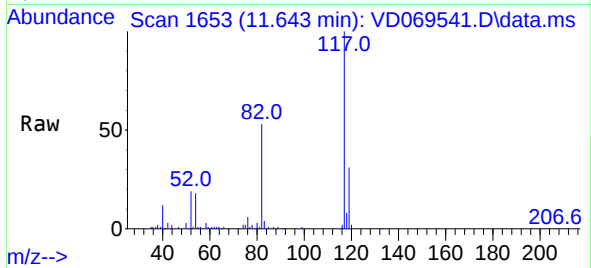
Tgt Ion: 95 Resp: 57483
Ion Ratio Lower Upper
95 100
174 72.5 0.0 148.0
176 71.6 0.0 139.8



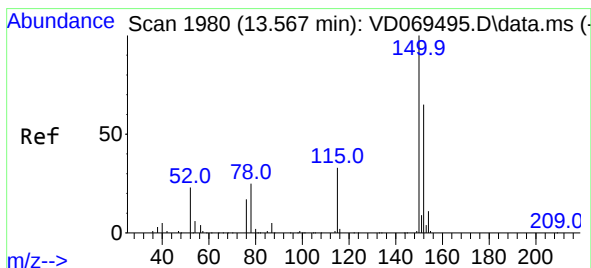
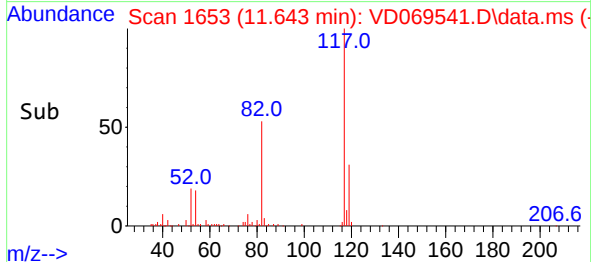
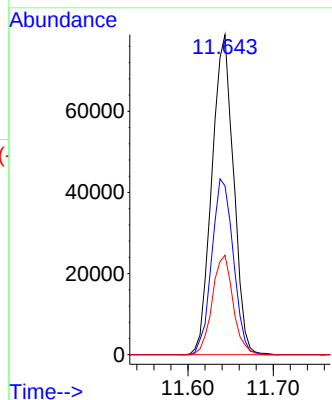


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069541.D
Acq: 23 Jun 2021 13:25

Instrument :
MSVOA_D
ClientSampleId :
SH-1A



Tgt Ion:117 Resp: 139216
Ion Ratio Lower Upper
117 100
82 52.8 46.8 70.2
119 31.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069541.D
Acq: 23 Jun 2021 13:25

Tgt Ion:152 Resp: 57175
Ion Ratio Lower Upper
152 100
115 62.4 31.7 95.1
150 164.1 0.0 350.8

