

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069587.D
 Acq On : 06 Jul 2021 17:40
 Operator : VA/SY
 Sample : M2931-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-070221

Quant Time: Jul 07 04:54:25 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	22015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	41376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	48048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	21957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	24511	89.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.640%#	
35) Dibromofluoromethane	7.914	113	13404	47.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.840%	
50) Toluene-d8	10.337	98	51437	49.029	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.060%	
62) 4-Bromofluorobenzene	12.626	95	19600	56.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.660%	

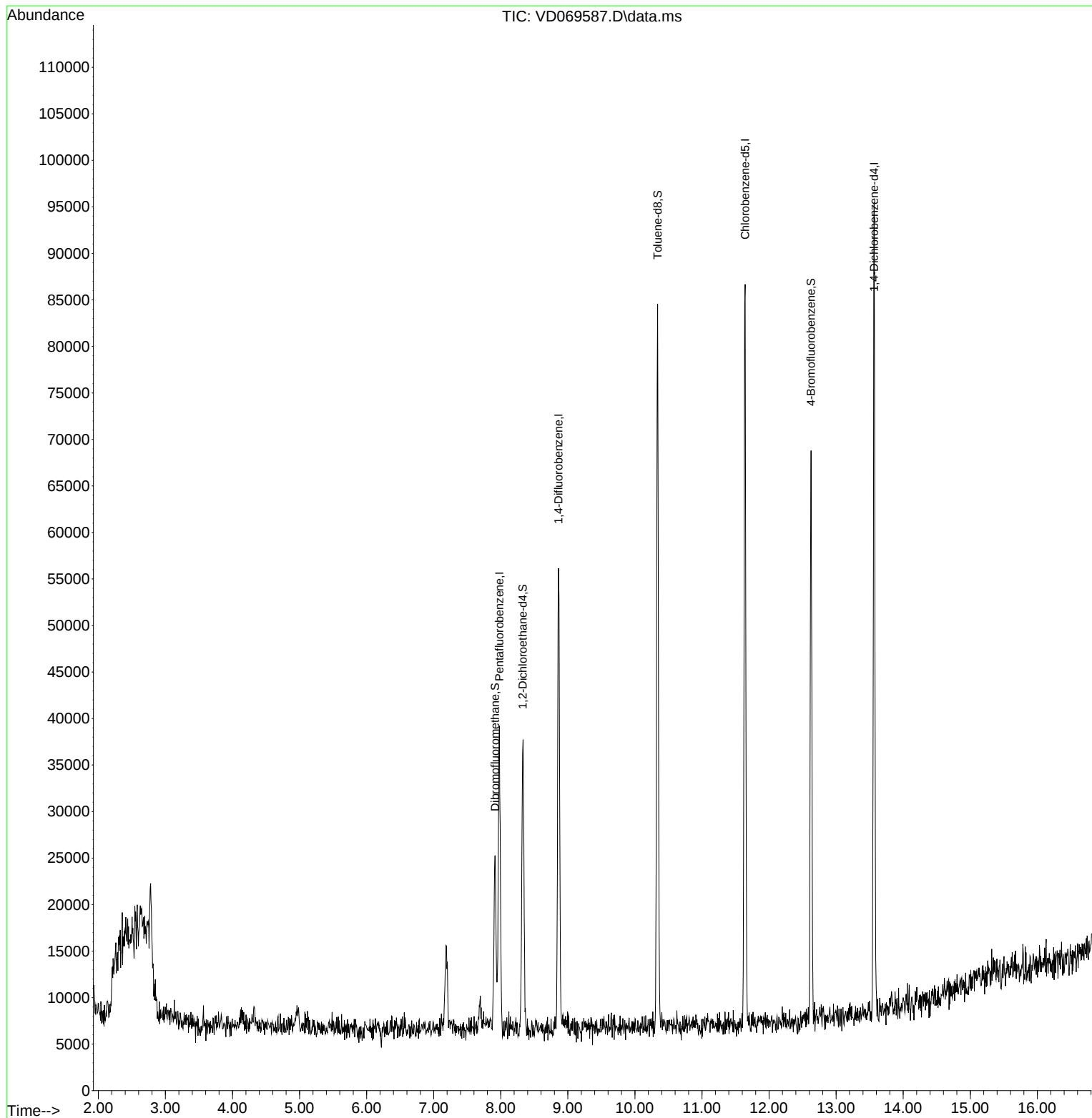
Target Compounds	Qvalue

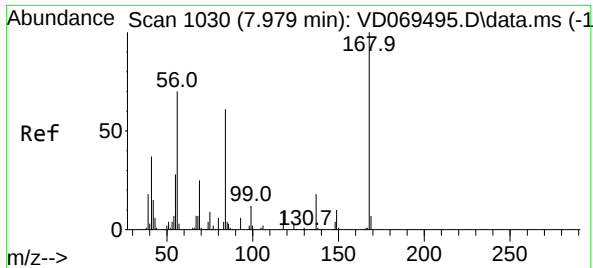
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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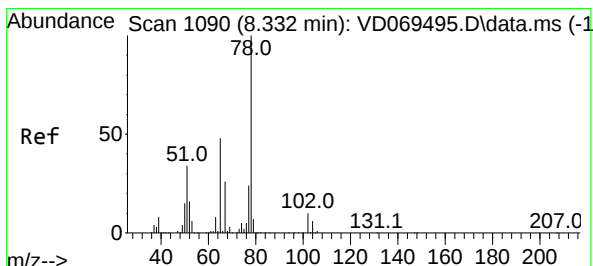
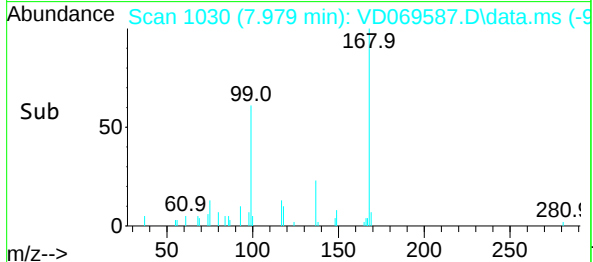
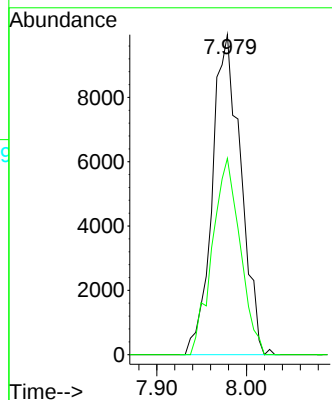
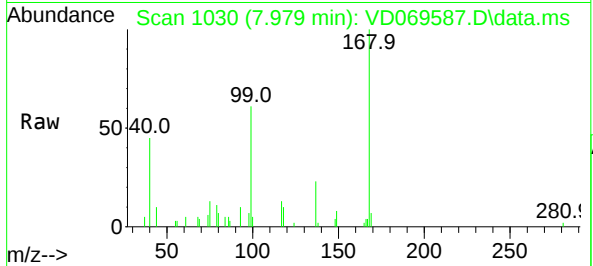




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069587.D
Acq: 06 Jul 2021 17:40

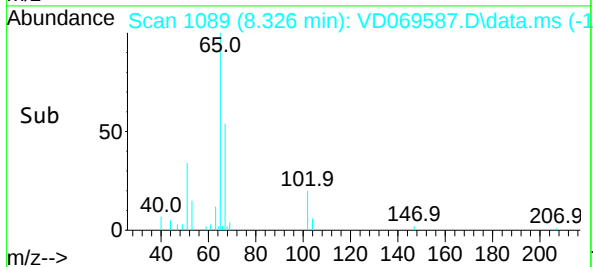
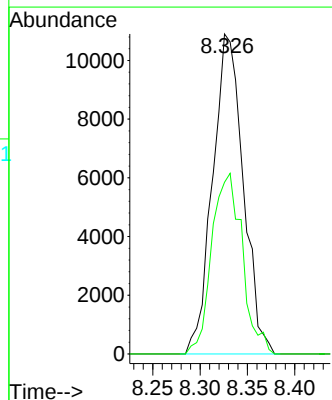
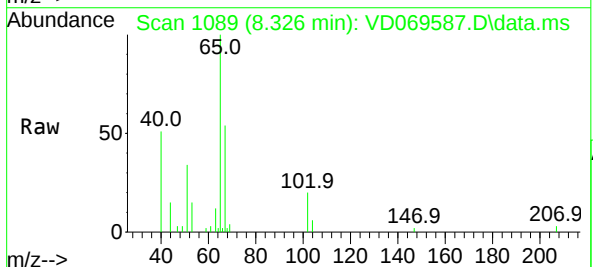
Instrument :
MSVOA_D
ClientSampleId :
HD-01-070221

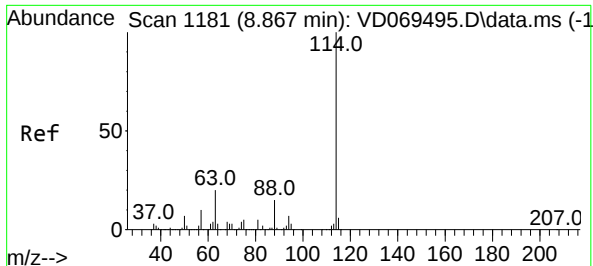
Tgt Ion:168 Resp: 22015
Ion Ratio Lower Upper
168 100
99 61.4 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 89.321 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069587.D
Acq: 06 Jul 2021 17:40

Tgt Ion: 65 Resp: 24511
Ion Ratio Lower Upper
65 100
67 56.2 0.0 105.6



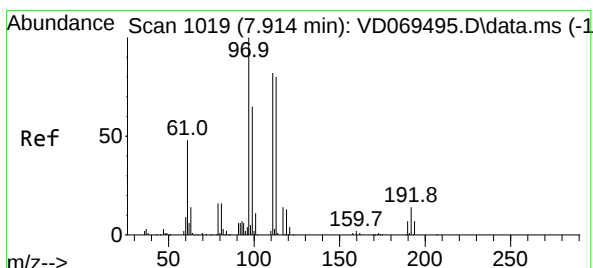
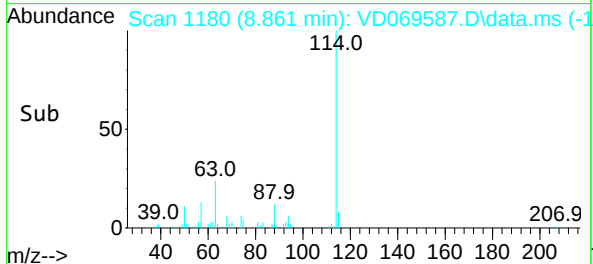
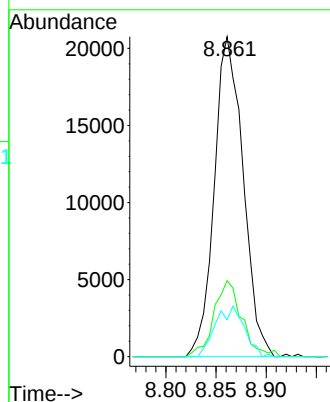
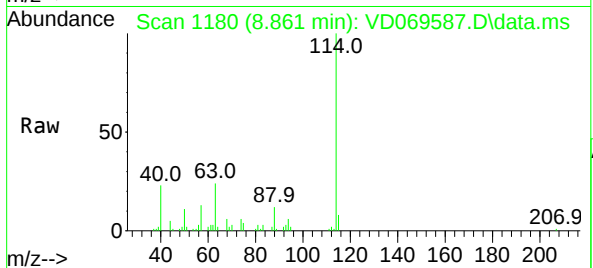


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069587.D
Acq: 06 Jul 2021 17:40

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HD-01-070221

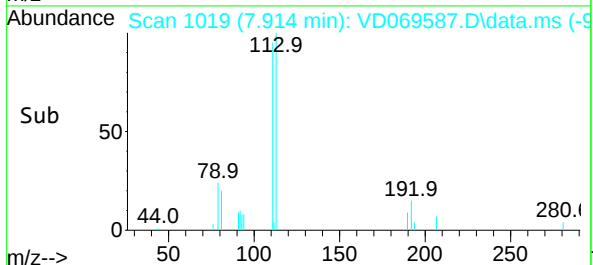
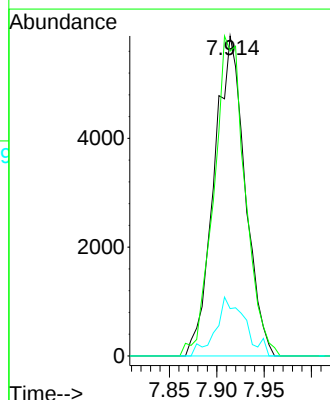
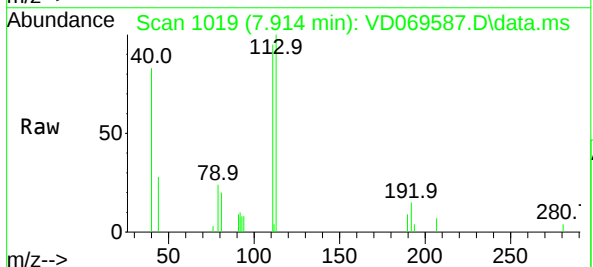
Tgt Ion:	114	Resp:	41376
Ion Ratio	Lower	Upper	
114	100		
63	23.8	0.0	39.6
88	11.5	0.0	29.8

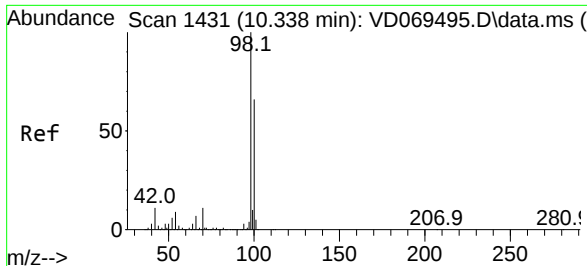


#35

Dibromofluoromethane
Concen: 47.924 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069587.D
Acq: 06 Jul 2021 17:40

Tgt Ion:	113	Resp:	13404
Ion Ratio	Lower	Upper	
113	100		
111	100.4	81.8	122.8
192	17.3	13.8	20.6

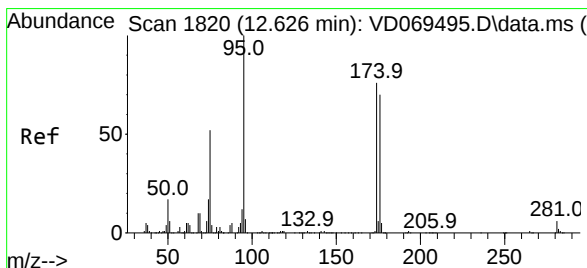
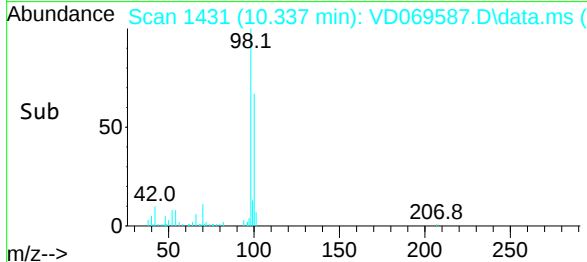
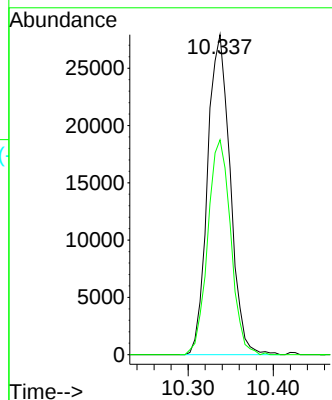
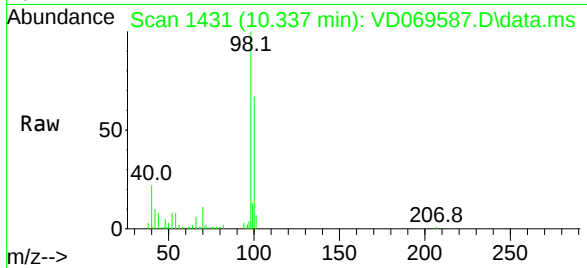




#50
Toluene-d8
Concen: 49.029 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069587.D
Acq: 06 Jul 2021 17:40

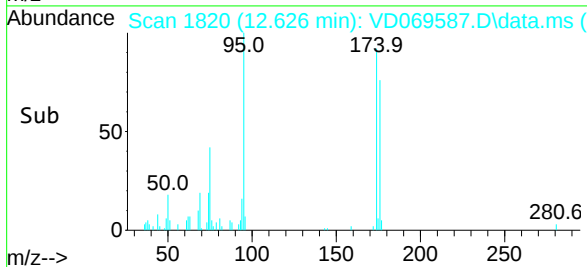
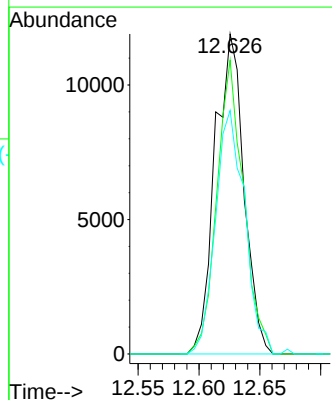
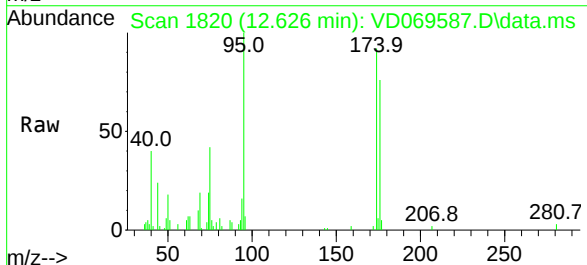
Instrument :
MSVOA_D
ClientSampleId :
HD-01-070221

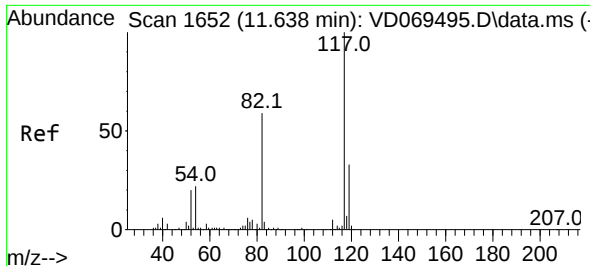
Tgt Ion: 98 Resp: 51437
Ion Ratio Lower Upper
98 100
100 68.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 56.828 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069587.D
Acq: 06 Jul 2021 17:40

Tgt Ion: 95 Resp: 19600
Ion Ratio Lower Upper
95 100
174 84.9 0.0 148.0
176 77.3 0.0 139.8

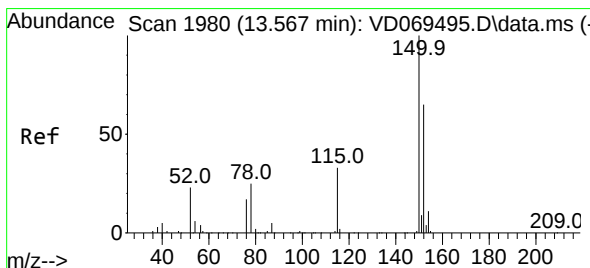
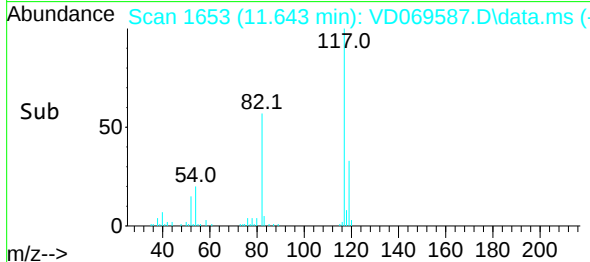
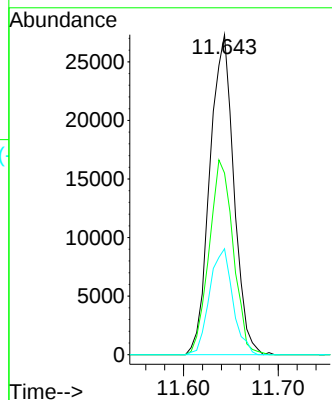
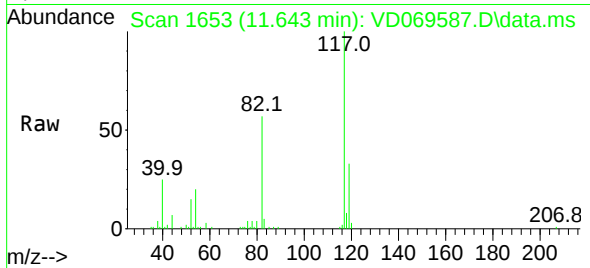




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.005 min
Lab File: VD069587.D
Acq: 06 Jul 2021 17:40

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Tgt Ion:	117	Resp:	48048
Ion Ratio	Lower	Upper	
117	100		
82	56.7	46.8	70.2
119	33.1	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069587.D
Acq: 06 Jul 2021 17:40

Tgt Ion:	152	Resp:	21957
Ion Ratio	Lower	Upper	
152	100		
115	60.0	31.7	95.1
150	161.2	0.0	350.8

