

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069164.D
 Acq On : 13 May 2021 18:28
 Operator : VA/SY
 Sample : M2392-19
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-4.5-5.0

Quant Time: May 14 01:23:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	7240	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.867	114	16850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	19348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	13019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	7659	105.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	211.04%#
35) Dibromofluoromethane	7.920	113	4562	41.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.20%
50) Toluene-d8	10.338	98	22862	56.74	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.48%
62) 4-Bromofluorobenzene	12.626	95	12435	95.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	191.82%#

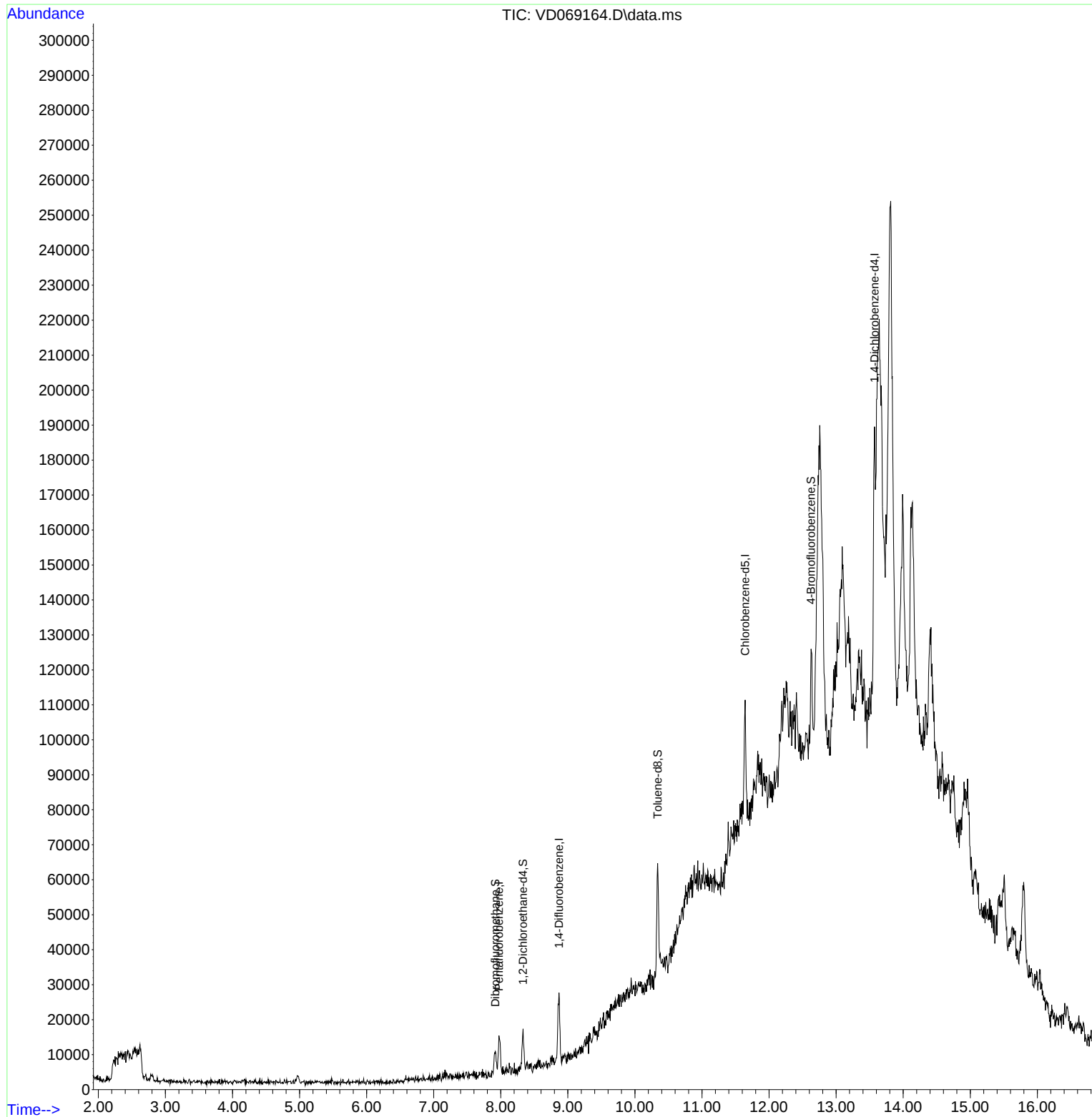
Target Compounds	Qvalue

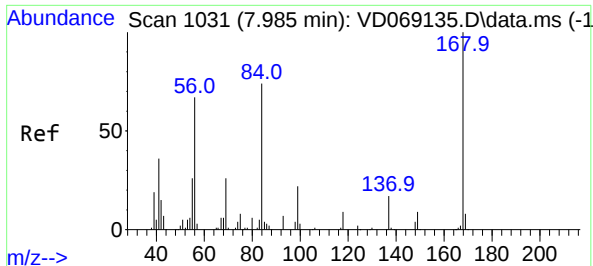
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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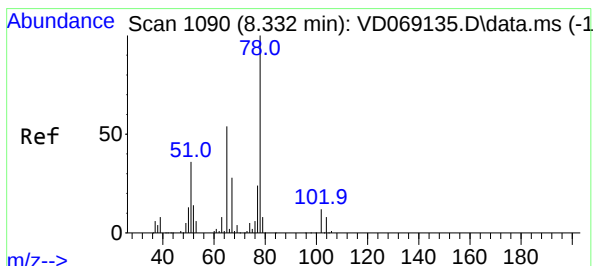
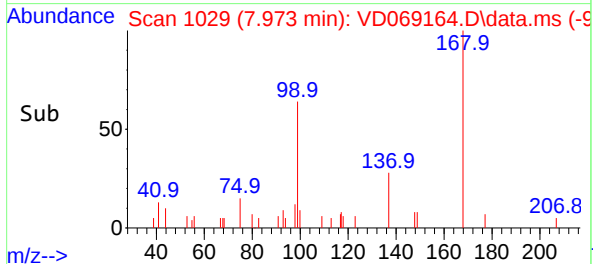
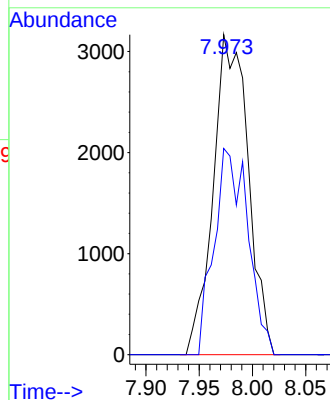
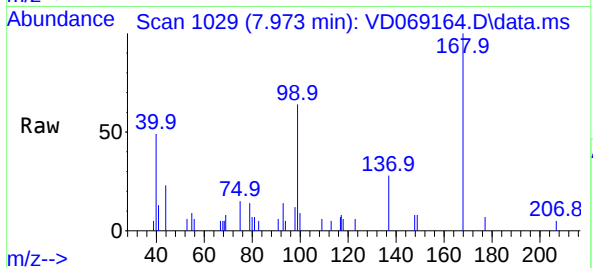




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD069164.D
 Acq: 13 May 2021 18:28

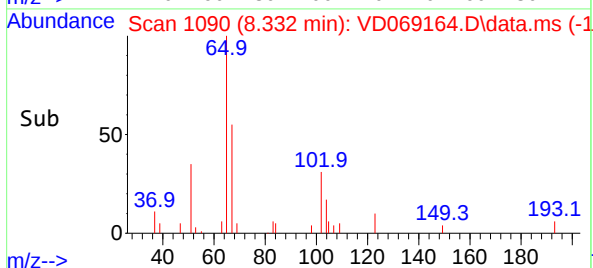
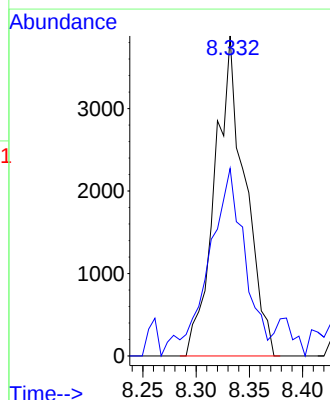
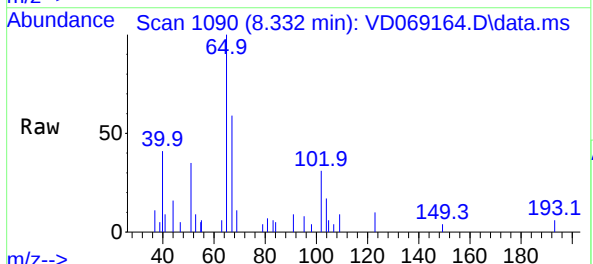
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-4.5-5.0

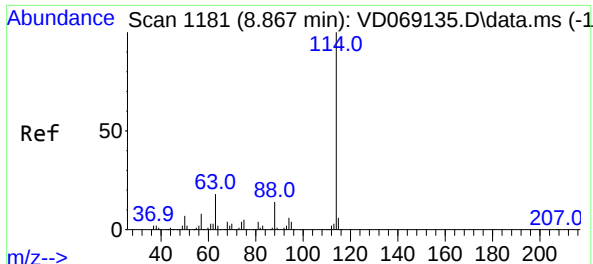
Tgt Ion:168 Resp: 7240
 Ion Ratio Lower Upper
 168 100
 99 64.4 47.2 70.8



1,2-Dichloroethane-d4
 Concen: 105.52 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069164.D
 Acq: 13 May 2021 18:28

Tgt Ion: 65 Resp: 7659
 Ion Ratio Lower Upper
 65 100
 67 62.0 0.0 108.0



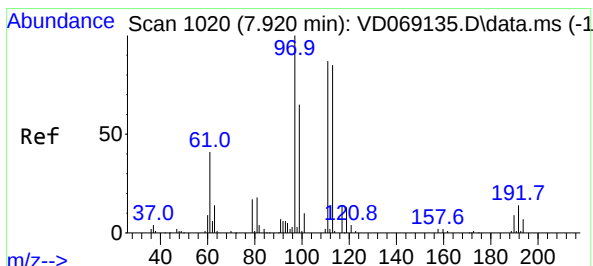
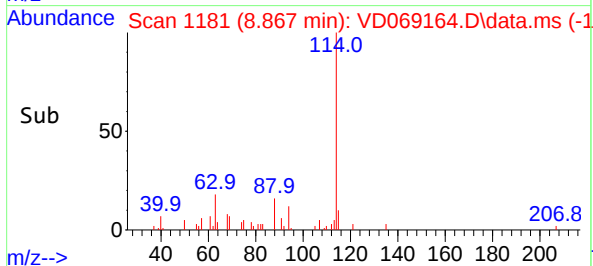
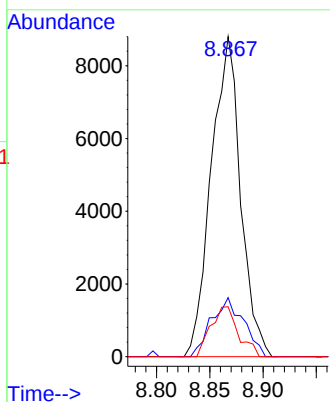
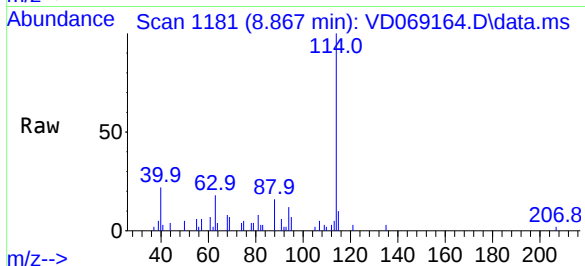


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069164.D
Acq: 13 May 2021 18:28

Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.5-5.0

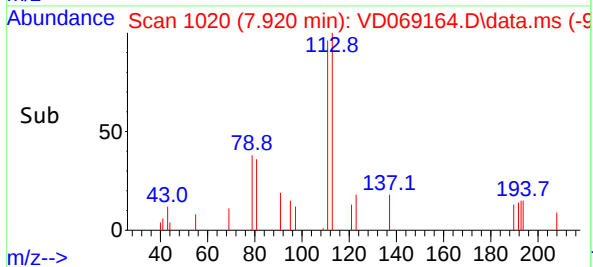
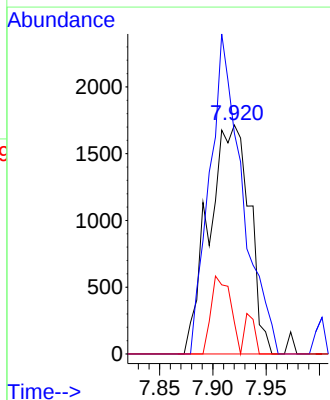
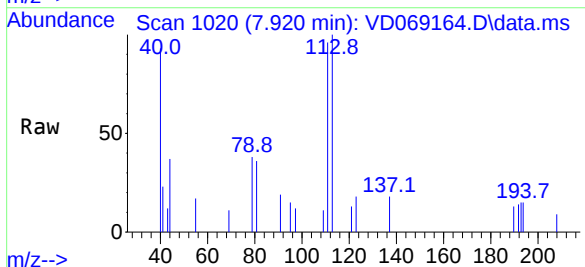
Tgt Ion:	114	Resp:	16850
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.4
88	15.6	0.0	28.2

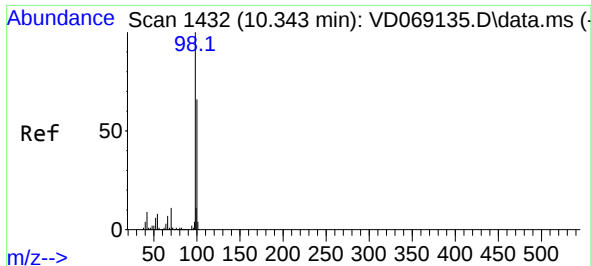


#35

Dibromofluoromethane
Concen: 41.60 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069164.D
Acq: 13 May 2021 18:28

Tgt Ion:	113	Resp:	4562
Ion	Ratio	Lower	Upper
113	100		
111	0.0	80.6	120.8#
192	4.3	14.8	22.2#

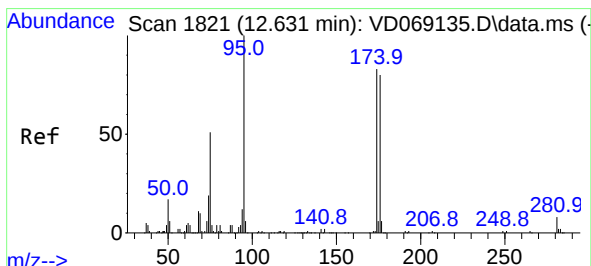
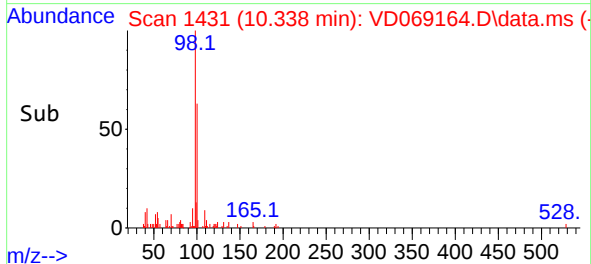
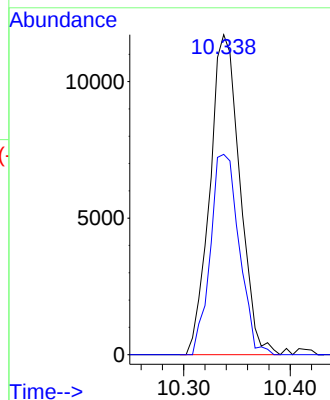
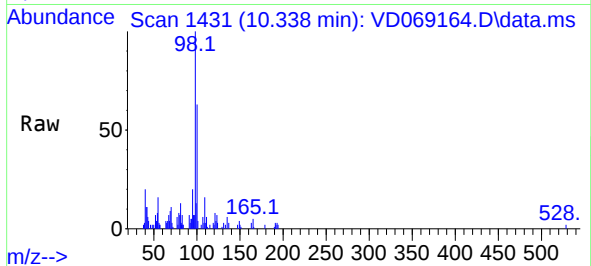




#50
Toluene-d8
Concen: 56.74 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069164.D
Acq: 13 May 2021 18:28

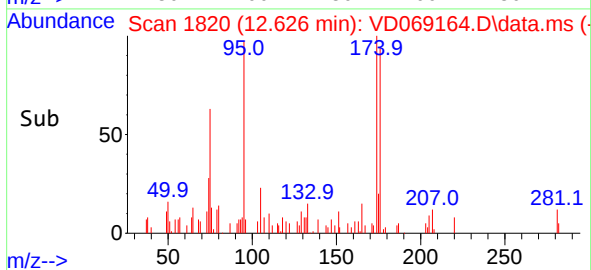
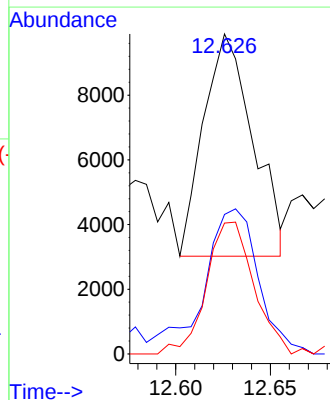
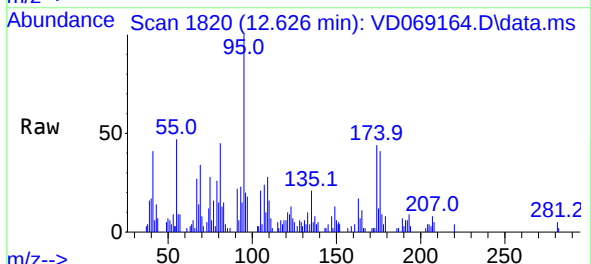
Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.5-5.0

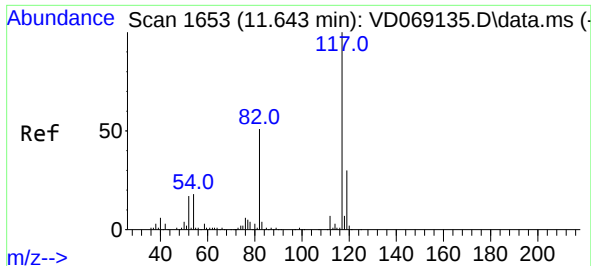
Tgt Ion: 98 Resp: 22862
Ion Ratio Lower Upper
98 100
100 60.2 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 95.91 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD069164.D
Acq: 13 May 2021 18:28

Tgt Ion: 95 Resp: 12435
Ion Ratio Lower Upper
95 100
174 72.4 0.0 171.8
176 57.4 0.0 165.4

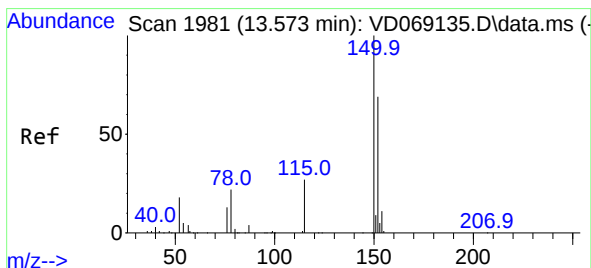
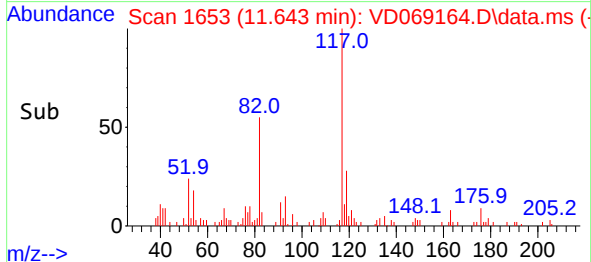
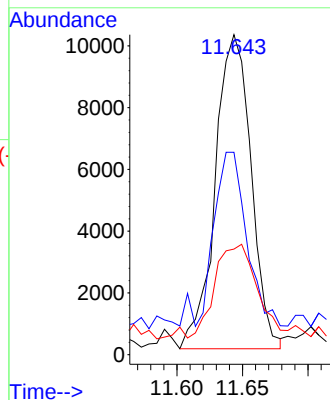
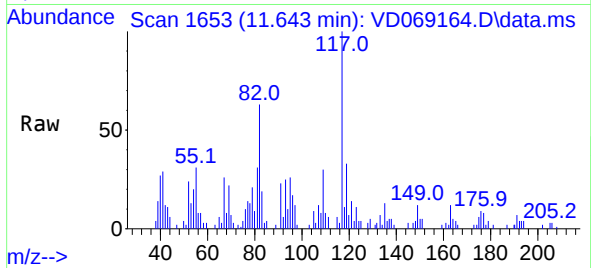




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069164.D
Acq: 13 May 2021 18:28

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SB-07-4.5-5.0

Tgt Ion:	117	Resp:	19348
Ion	Ratio	Lower	Upper
117	100		
82	55.3	40.5	60.7
119	25.8	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069164.D
Acq: 13 May 2021 18:28

Tgt Ion:	152	Resp:	13019
Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.9	89.8
150	142.4	0.0	350.2

