

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072278.D
 Acq On : 18 Mar 2022 08:36
 Operator : VA/SY
 Sample : N1994-13
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-4.5-5.0

Quant Time: Mar 18 09:42:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	6015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	9091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	10151	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	4087	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	4734	70.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.240%
35) Dibromofluoromethane	7.903	113	3914	61.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.360%
50) Toluene-d8	10.338	98	10359	44.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.560%
62) 4-Bromofluorobenzene	12.620	95	4300	47.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.620%

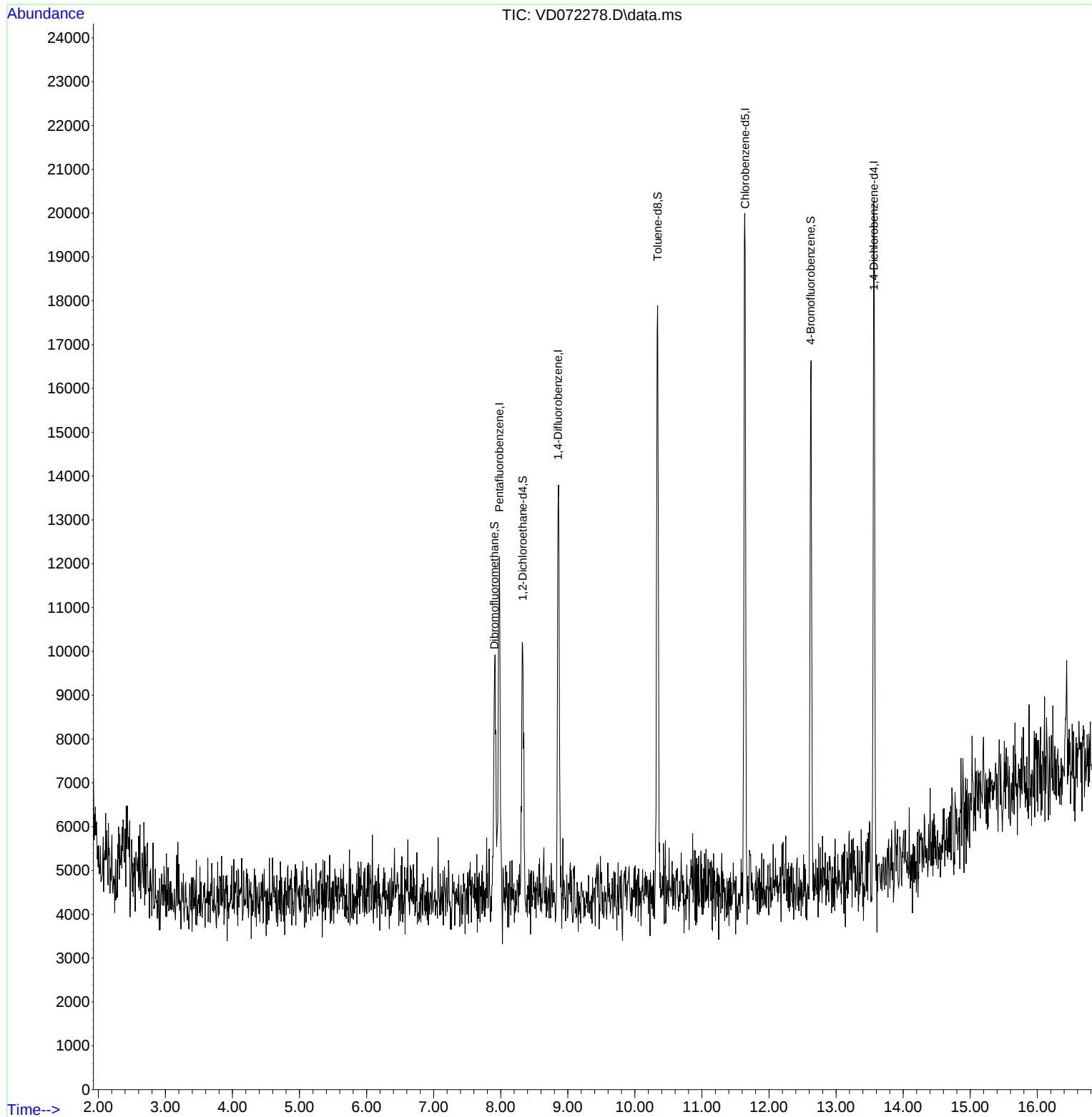
Target Compounds	Qvalue

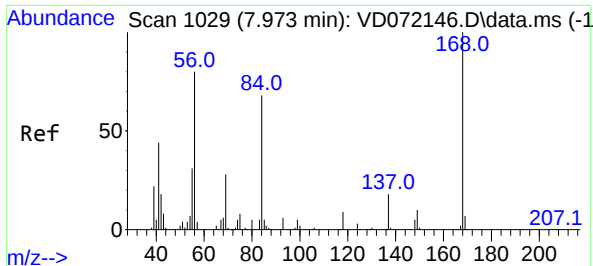
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072278.D

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Instrument :

MSVOA_D

ClientSampleId :

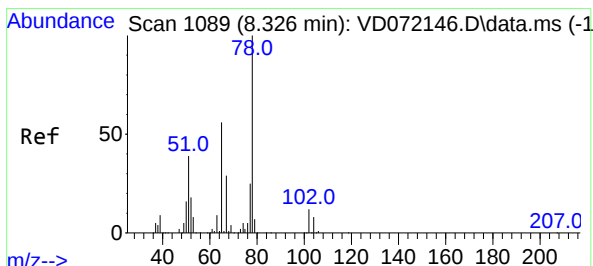
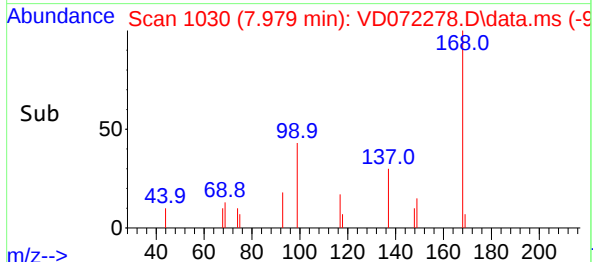
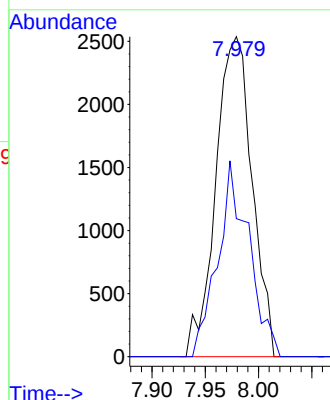
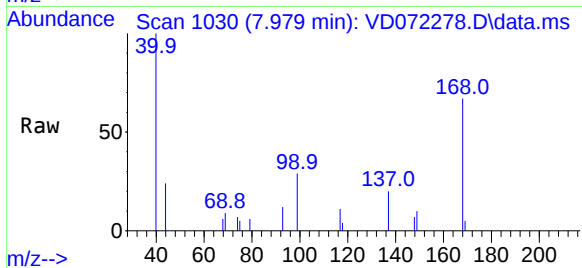
SB-05-4.5-5.0

Tgt Ion:168 Resp: 6015

Ion Ratio Lower Upper

168 100

99 43.2 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 70.621 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072278.D

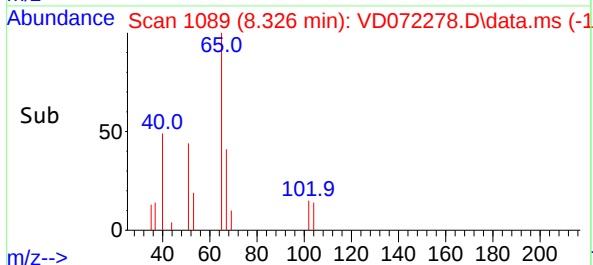
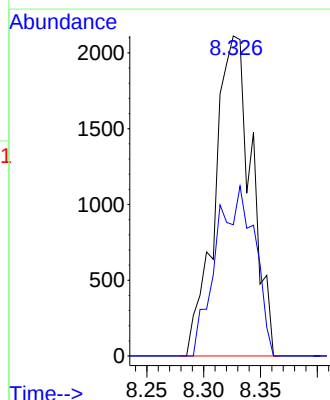
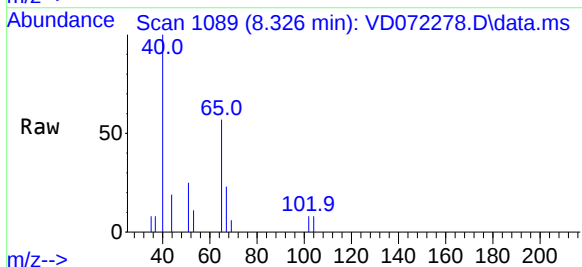
Acq: 18 Mar 2022 08:36

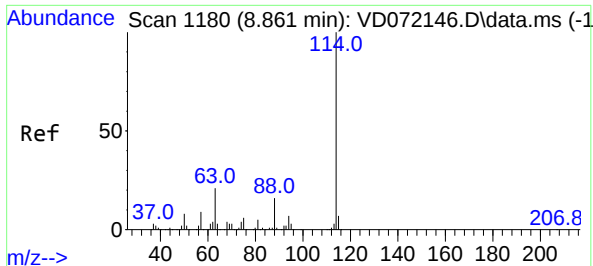
Tgt Ion: 65 Resp: 4734

Ion Ratio Lower Upper

65 100

67 56.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072278.D

Acq: 18 Mar 2022 08:36

Instrument :

MSVOA_D

ClientSampleId :

SB-05-4.5-5.0

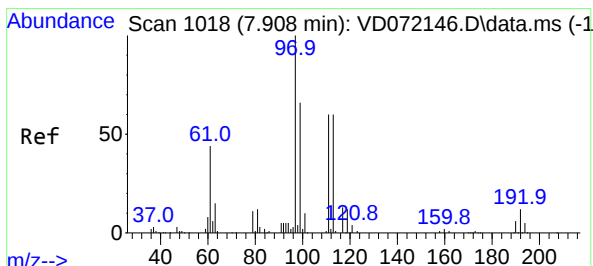
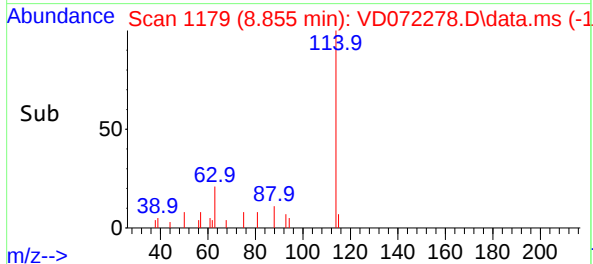
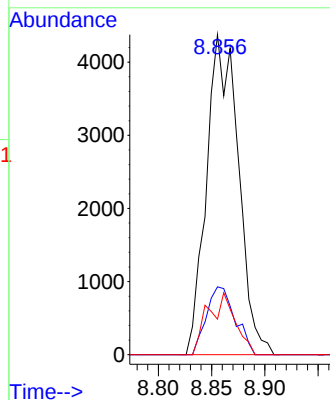
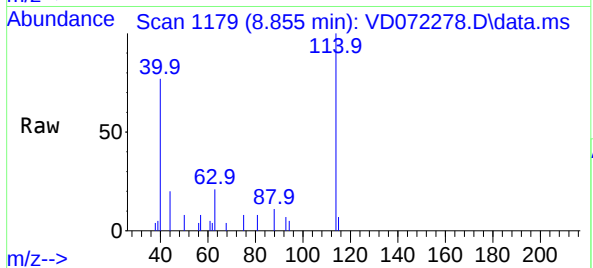
Tgt Ion:114 Resp: 9091

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 11.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 61.181 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD072278.D

Acq: 18 Mar 2022 08:36

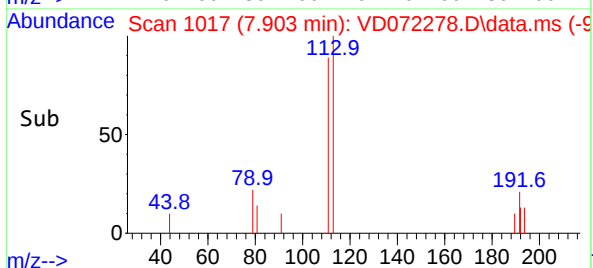
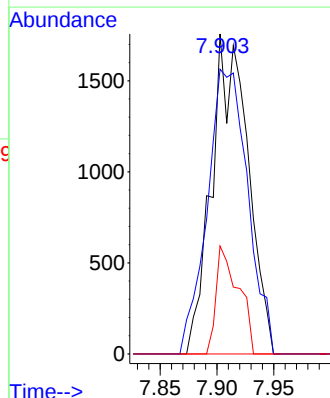
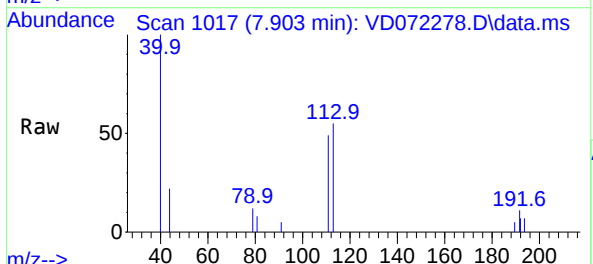
Tgt Ion:113 Resp: 3914

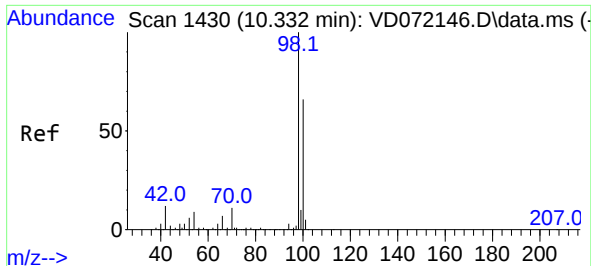
Ion Ratio Lower Upper

113 100

111 98.8 83.8 125.6

192 20.7 14.6 21.8

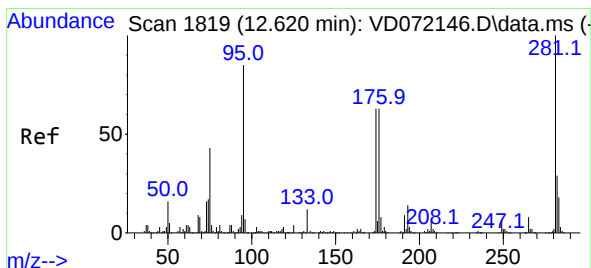
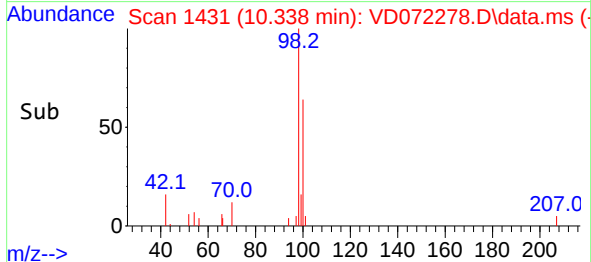
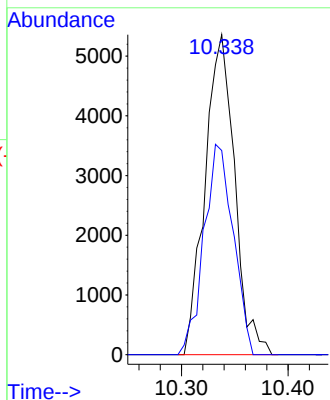
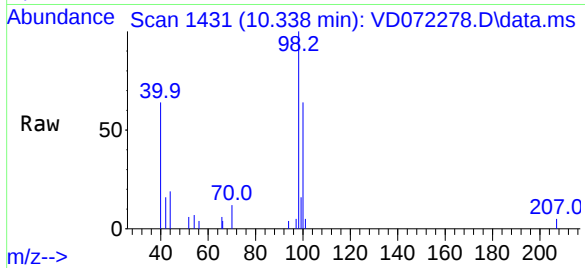




#50
Toluene-d8
Concen: 44.284 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072278.D
Acq: 18 Mar 2022 08:36

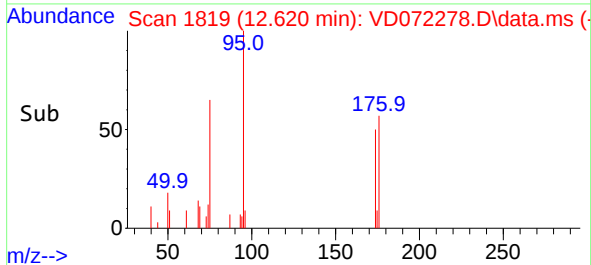
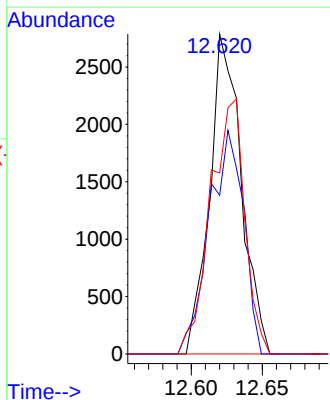
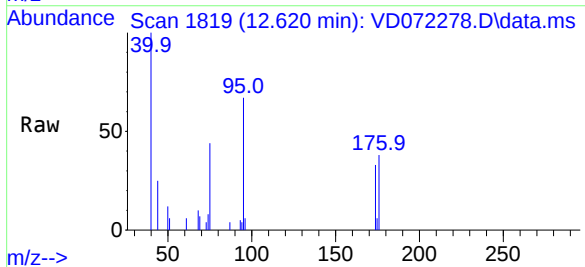
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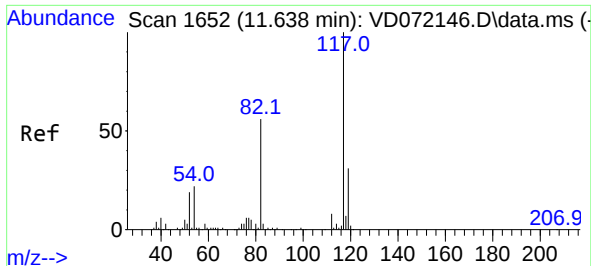
Tgt Ion: 98 Resp: 10359
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.309 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072278.D
Acq: 18 Mar 2022 08:36

Tgt Ion: 95 Resp: 4300
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 86.6 0.0 145.4

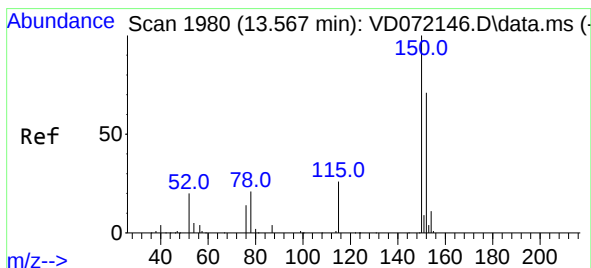
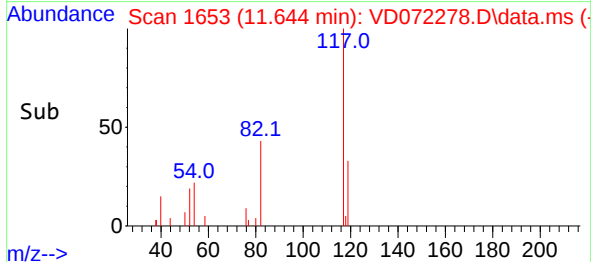
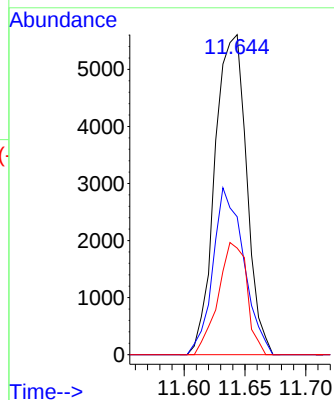
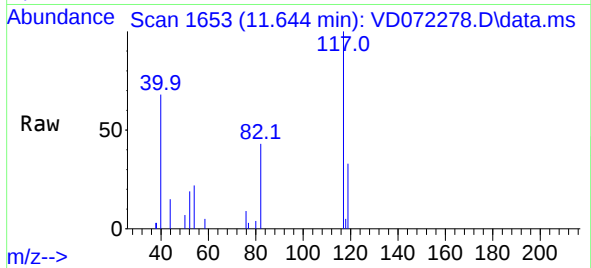




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VD072278.D
Acq: 18 Mar 2022 08:36

Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

Tgt Ion:	117	Resp:	10151
Ion	Ratio	Lower	Upper
117	100		
82	43.1	45.3	67.9#
119	33.3	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072278.D
Acq: 18 Mar 2022 08:36

Tgt Ion:	152	Resp:	4087
Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.3	93.8
150	165.4	0.0	348.6

