

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073444.D
 Acq On : 01 Jun 2022 13:23
 Operator : VA/SY
 Sample : N3107-01
 Misc : 4.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-5

Quant Time: Jun 02 04:08:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	40156	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	68943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	82967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	37360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	33338	75.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.240%
35) Dibromofluoromethane	7.903	113	29449	64.733	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.460%
50) Toluene-d8	10.332	98	87623	52.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.500%
62) 4-Bromofluorobenzene	12.620	95	34056	57.867	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.740%

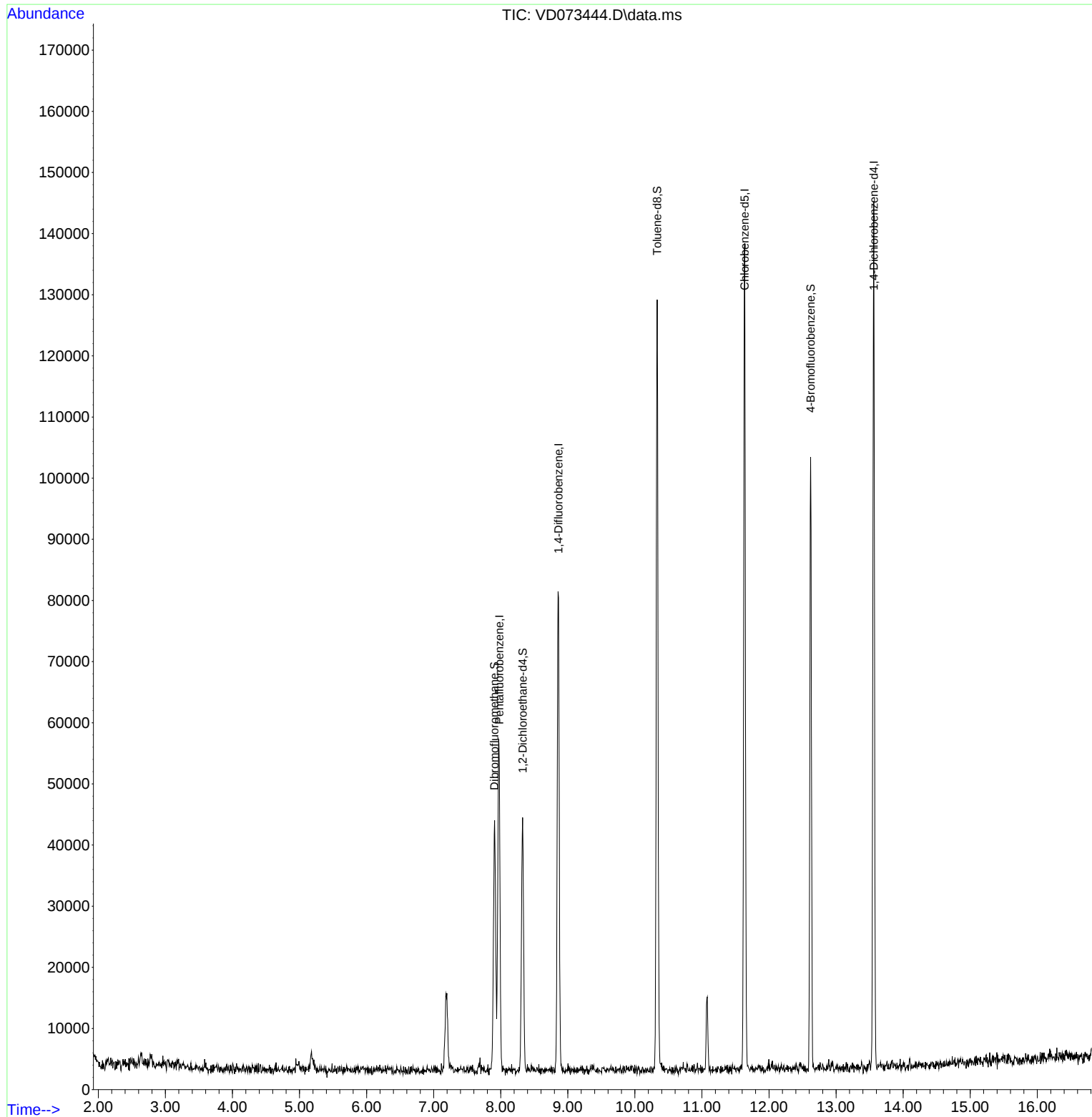
Target Compounds	Qvalue

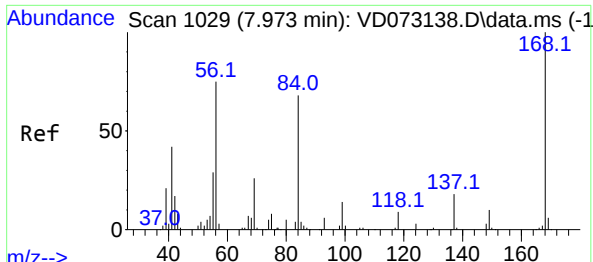
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073444.D

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Instrument :

MSVOA_D

ClientSampleId :

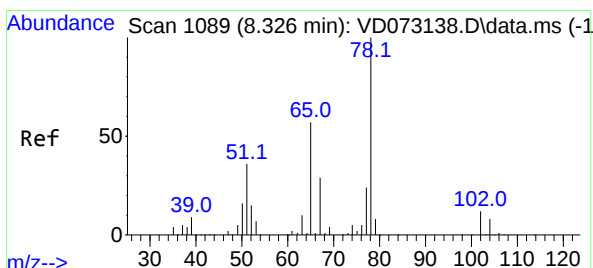
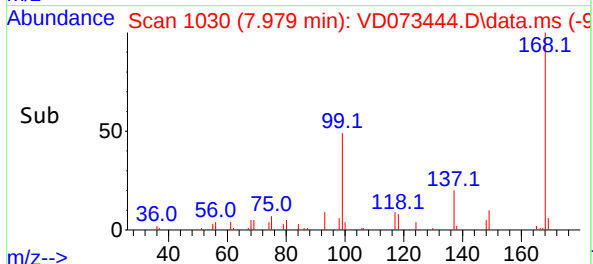
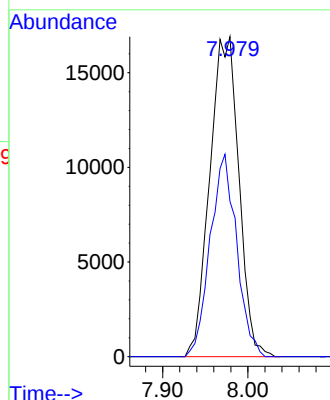
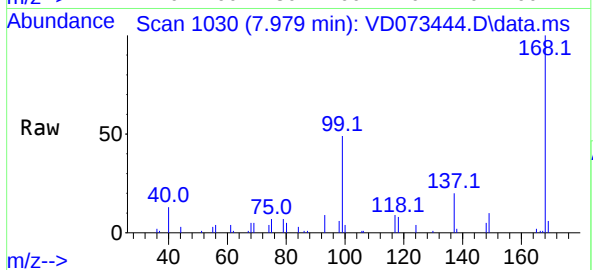
MS-5

Tgt Ion:168 Resp: 40156

Ion Ratio Lower Upper

168 100

99 48.5 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 75.123 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073444.D

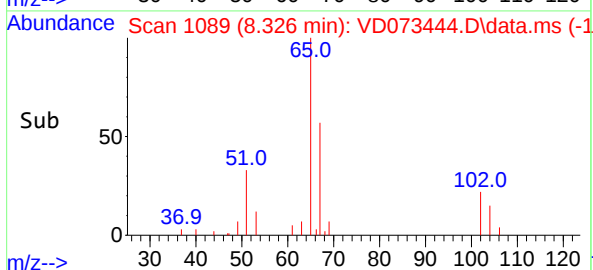
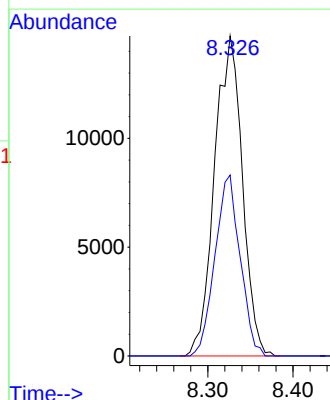
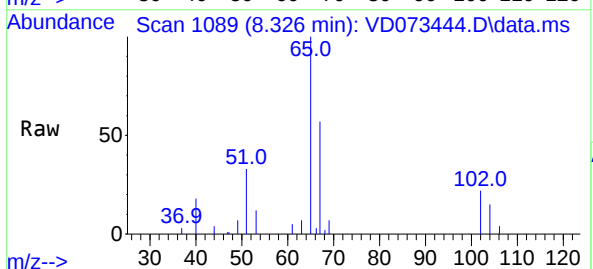
Acq: 01 Jun 2022 13:23

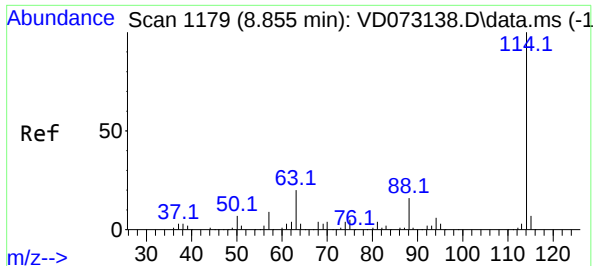
Tgt Ion: 65 Resp: 33338

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073444.D

Acq: 01 Jun 2022 13:23

Instrument :

MSVOA_D

ClientSampleId :

MS-5

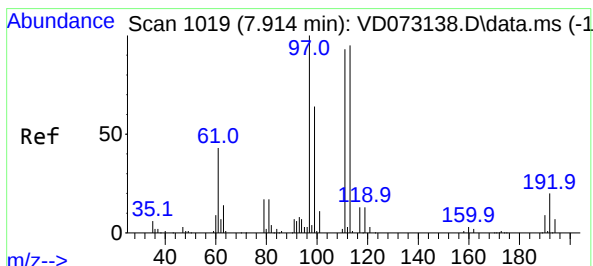
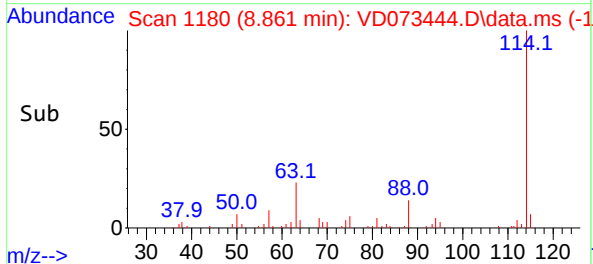
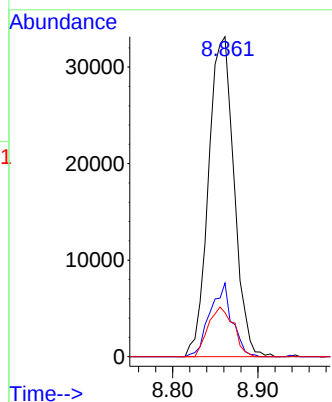
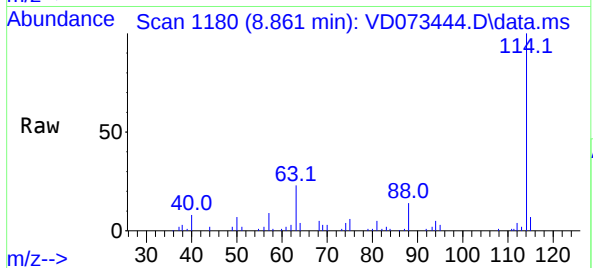
Tgt Ion:114 Resp: 68943

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.6

88 13.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 64.733 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073444.D

Acq: 01 Jun 2022 13:23

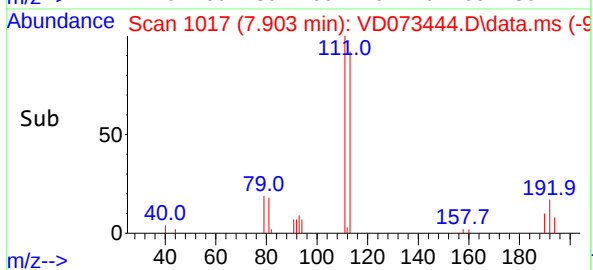
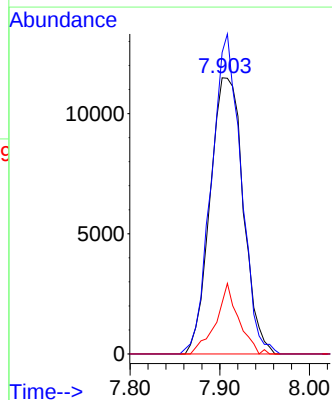
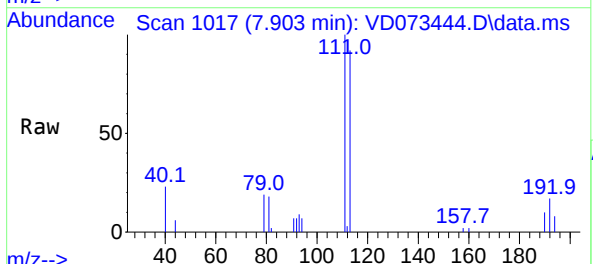
Tgt Ion:113 Resp: 29449

Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 17.5 14.6 21.8

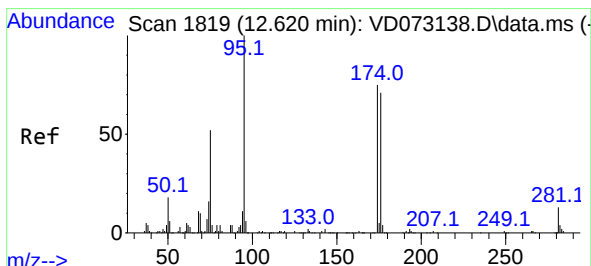
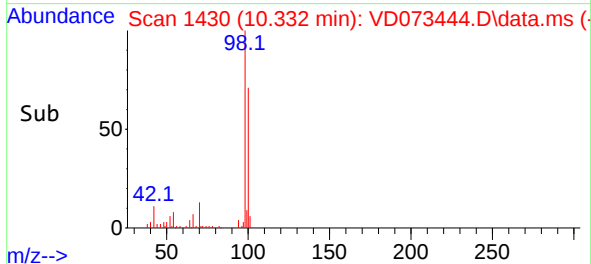
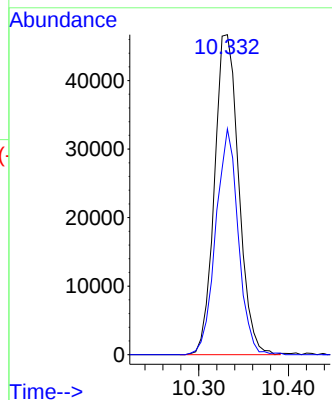
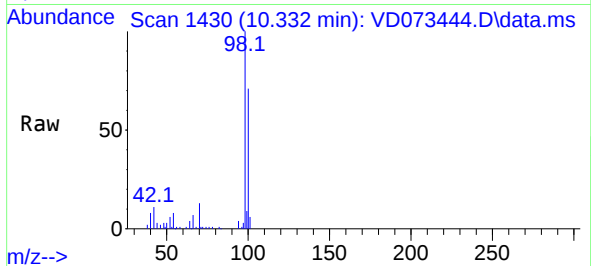




#50
Toluene-d8
Concen: 52.250 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073444.D
Acq: 01 Jun 2022 13:23

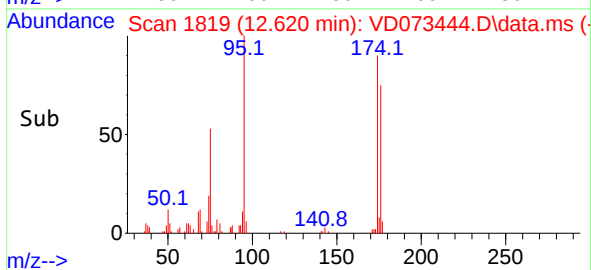
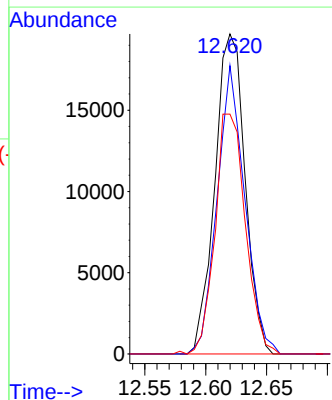
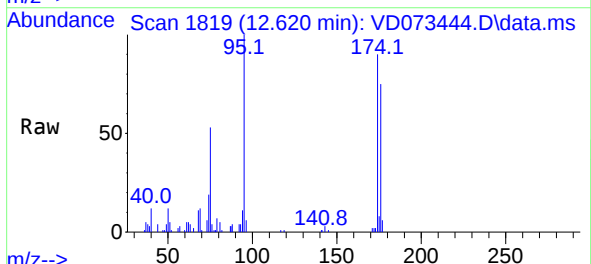
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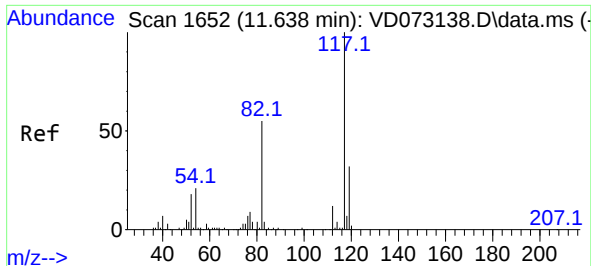
Tgt Ion: 98 Resp: 87623
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.867 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073444.D
Acq: 01 Jun 2022 13:23

Tgt Ion: 95 Resp: 34056
Ion Ratio Lower Upper
95 100
174 82.7 0.0 152.8
176 75.3 0.0 145.4

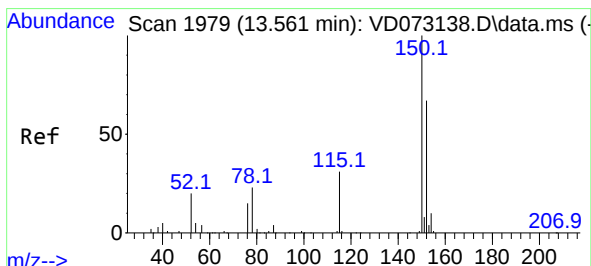
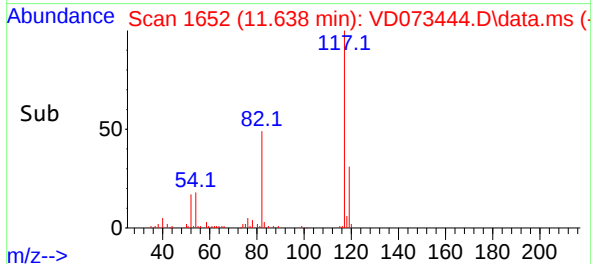
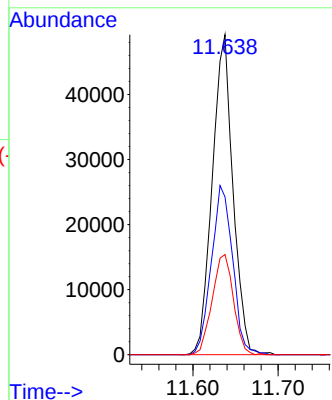
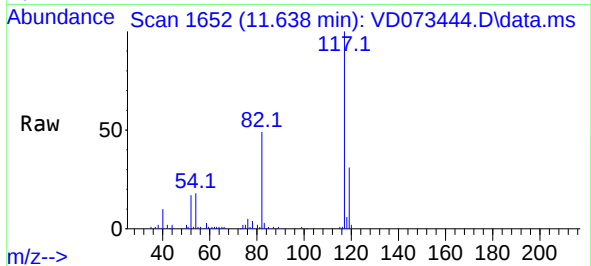




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073444.D
Acq: 01 Jun 2022 13:23

Instrument :
MSVOA_D
ClientSampleId :
MS-5

Tgt Ion:	117	Resp:	82967
Ion	Ratio	Lower	Upper
117	100		
82	49.3	45.3	67.9
119	31.3	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073444.D
Acq: 01 Jun 2022 13:23

Tgt Ion:	152	Resp:	37360
Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.3	93.8
150	158.9	0.0	348.6

