

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072618.D
 Acq On : 19 Apr 2022 12:03
 Operator : VA/SY
 Sample : N2463-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-041822

Quant Time: Apr 19 16:20:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	35618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	70249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	77355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	33571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	40025	92.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	185.780%#
35) Dibromofluoromethane	7.914	113	32082	58.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.540%
50) Toluene-d8	10.332	98	83208	43.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.700%
62) 4-Bromofluorobenzene	12.620	95	33347	44.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.980%

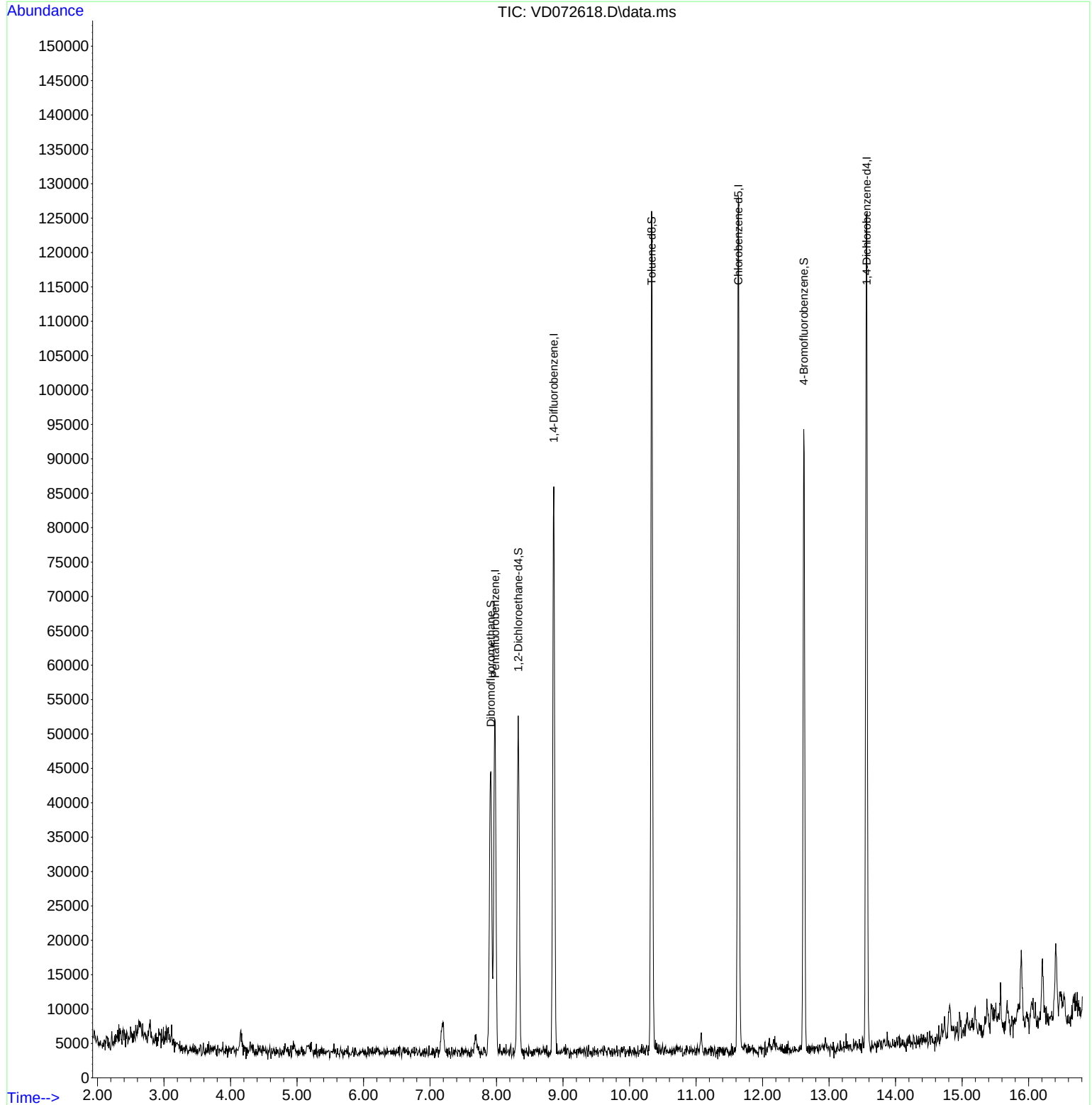
Target Compounds	Qvalue

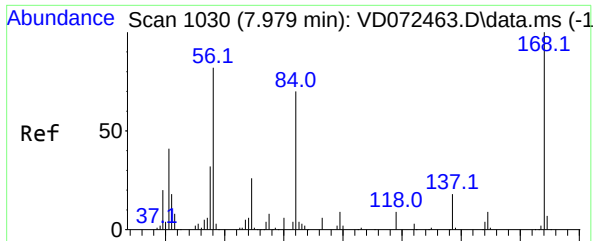
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072618.D

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MSVOA_D

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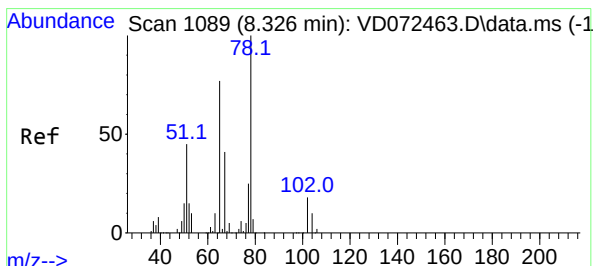
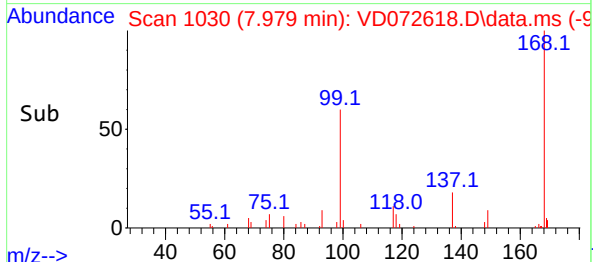
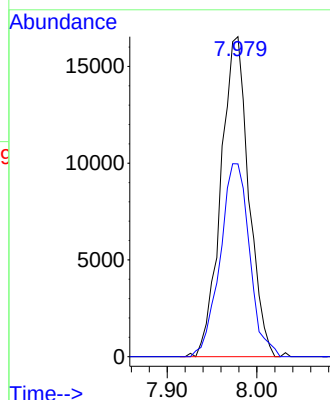
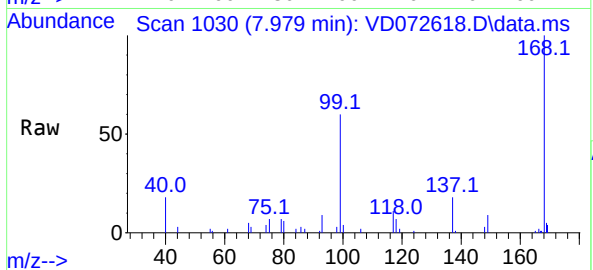
HD-01-041822

Tgt Ion:168 Resp: 35618

Ion Ratio Lower Upper

168 100

99 60.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 92.894 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072618.D

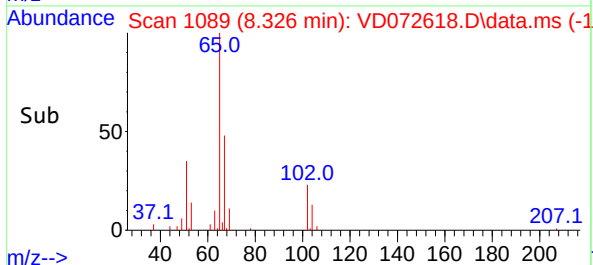
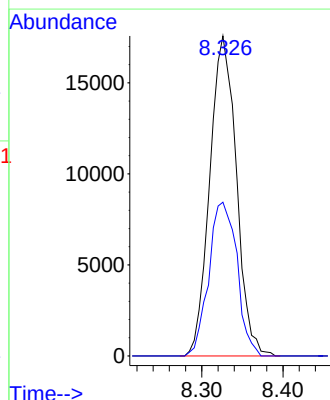
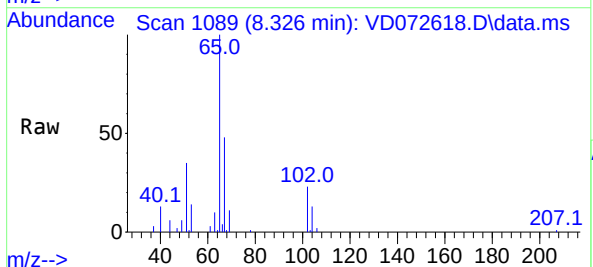
Acq: 19 Apr 2022 12:03

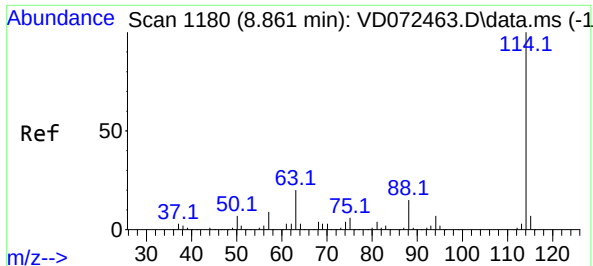
Tgt Ion: 65 Resp: 40025

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.4

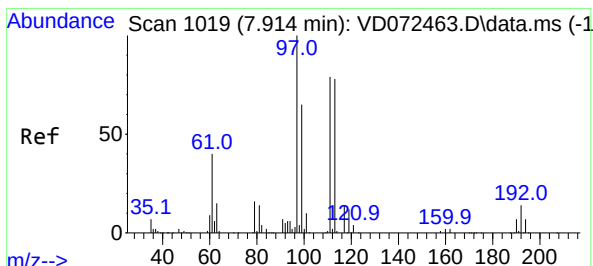
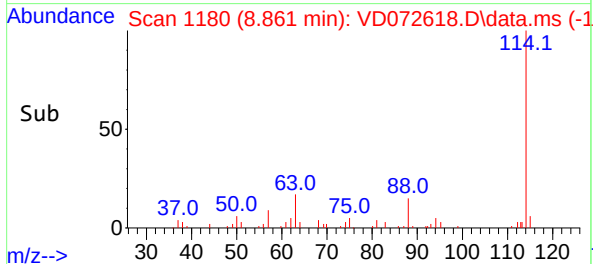
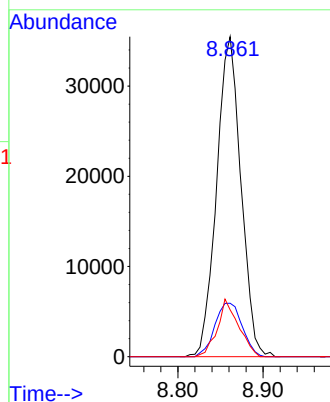
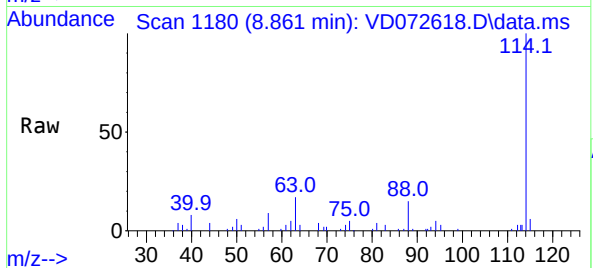




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072618.D
Acq: 19 Apr 2022 12:03

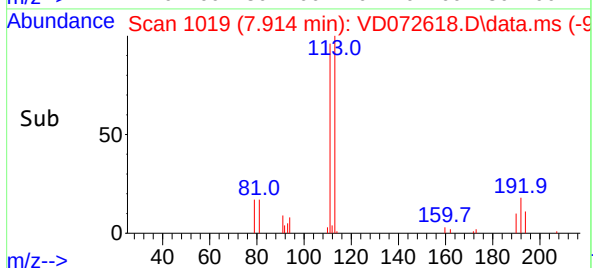
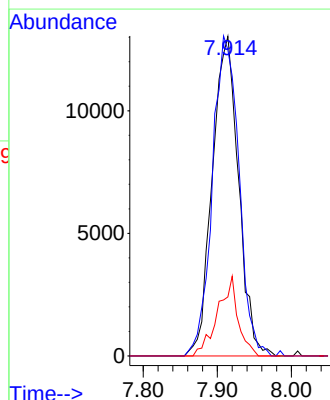
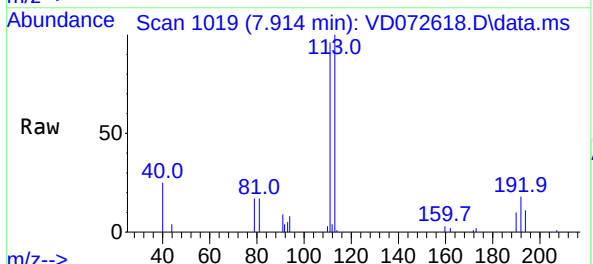
Instrument :
MSVOA_D
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HD-01-041822

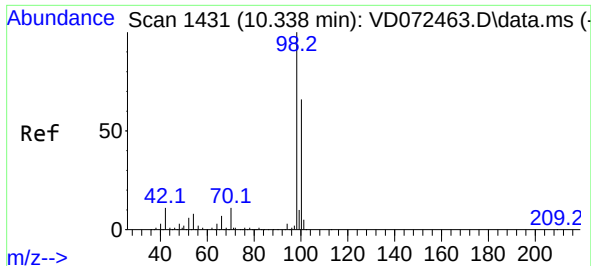
Tgt Ion:114	Resp:	70249
Ion Ratio	Lower	Upper
114	100	
63	16.7	0.0 46.6
88	14.7	0.0 33.2



#35
Dibromofluoromethane
Concen: 58.765 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072618.D
Acq: 19 Apr 2022 12:03

Tgt Ion:113	Resp:	32082
Ion Ratio	Lower	Upper
113	100	
111	101.1	83.8 125.6
192	19.4	14.6 21.8

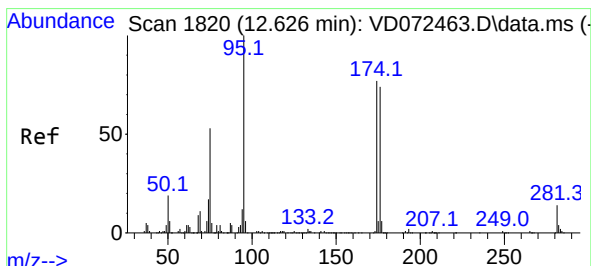
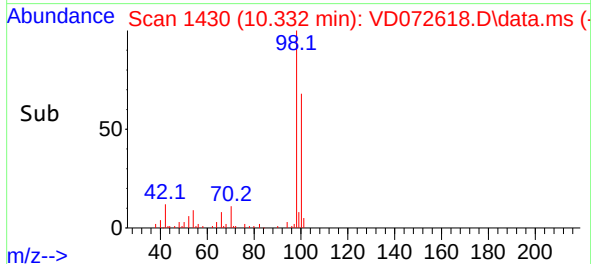
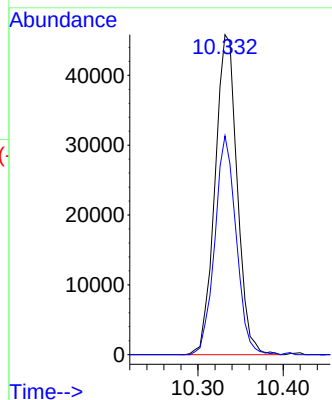
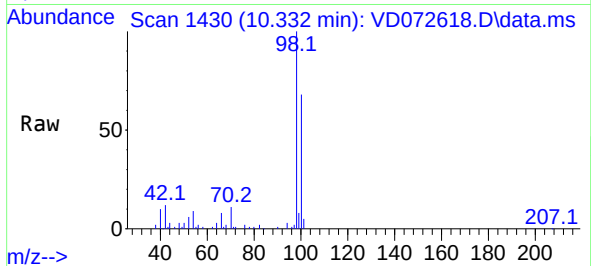




#50
Toluene-d8
Concen: 43.847 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072618.D
Acq: 19 Apr 2022 12:03

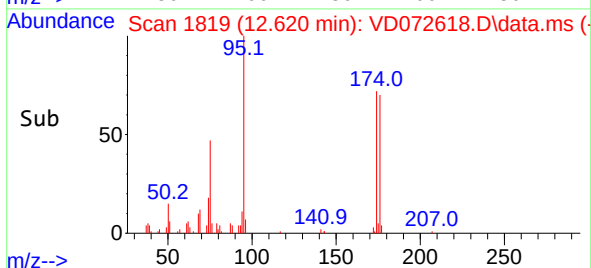
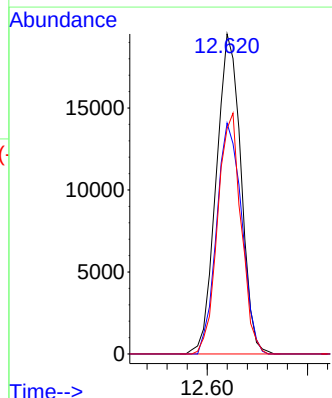
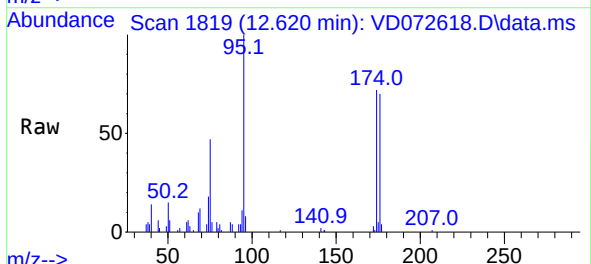
Instrument :
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ClientSampleId :
HD-01-041822

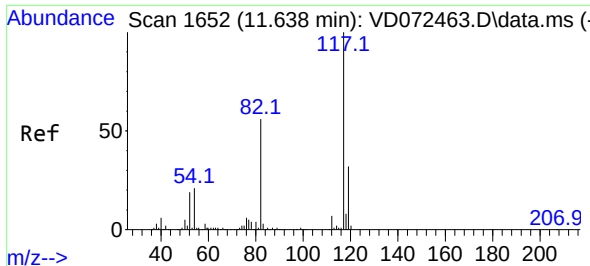
Tgt Ion: 98 Resp: 83208
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.995 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072618.D
Acq: 19 Apr 2022 12:03

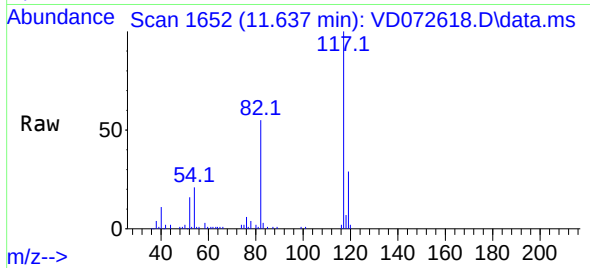
Tgt Ion: 95 Resp: 33347
Ion Ratio Lower Upper
95 100
174 73.7 0.0 152.8
176 71.4 0.0 145.4



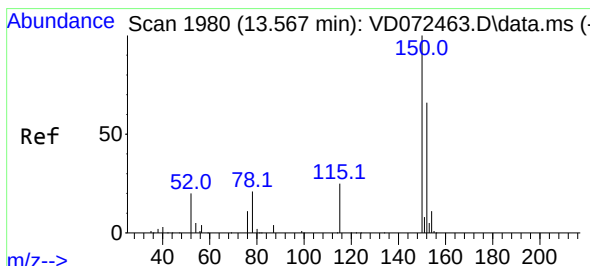
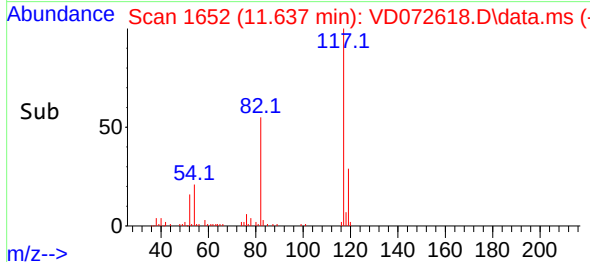
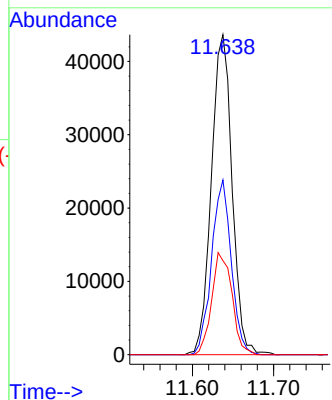


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072618.D
Acq: 19 Apr 2022 12:03

Instrument :
MSVOA_D
ClientSampleId :
HD-01-041822



Tgt Ion:	117	Resp:	77355
Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.3	67.9
119	29.4	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072618.D
Acq: 19 Apr 2022 12:03

Tgt Ion:	152	Resp:	33571
Ion	Ratio	Lower	Upper
152	100		
115	59.6	31.3	93.8
150	163.6	0.0	348.6

