

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071934.D
 Acq On : 11 Feb 2022 13:19
 Operator : VA/SY
 Sample : N1505-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-021022

Quant Time: Feb 11 23:57:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	17654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	32619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	33241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	14702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	19501	87.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.780%#
35) Dibromofluoromethane	7.909	113	11536	53.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.600%
50) Toluene-d8	10.332	98	40367	50.411	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.620	95	14545	52.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.020%

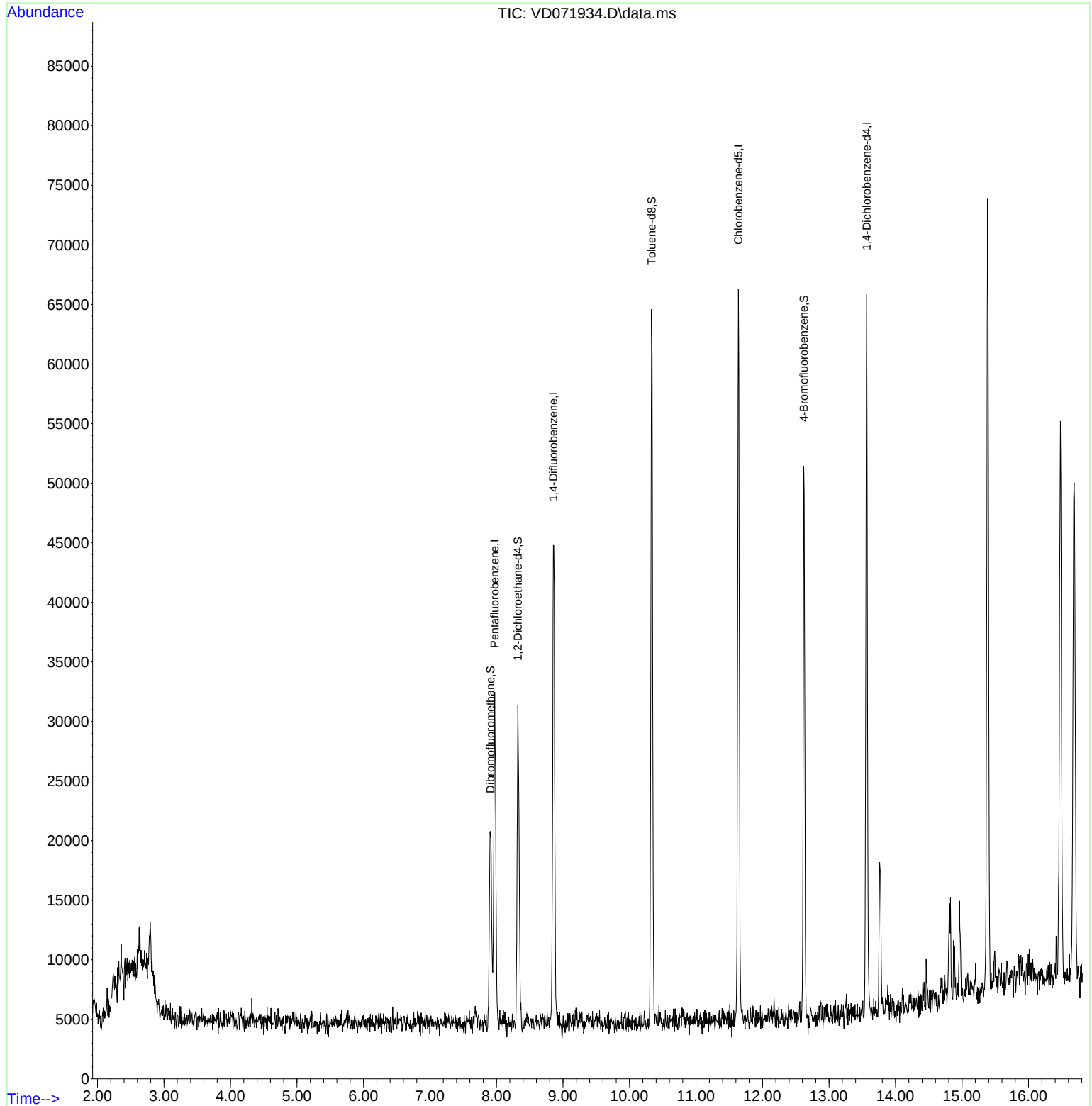
Target Compounds	Qvalue

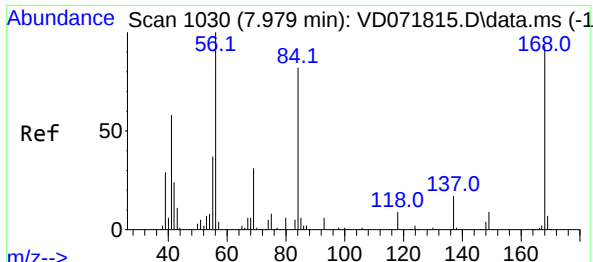
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD071934.D

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Instrument :

MSVOA_D

ClientSampleId :

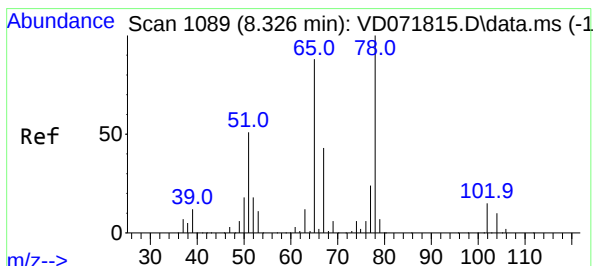
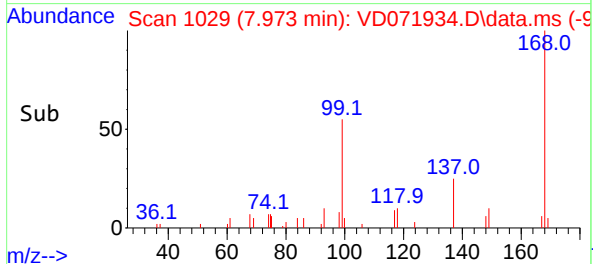
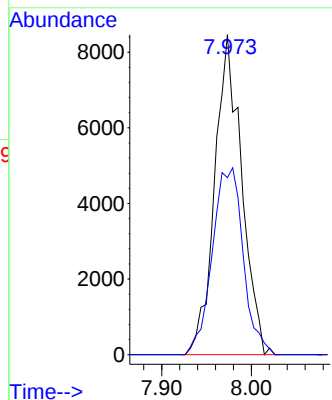
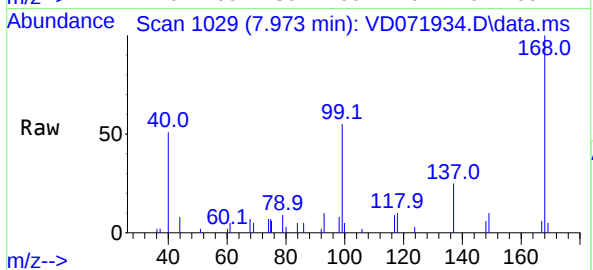
SU-02-021022

Tgt Ion:168 Resp: 17654

Ion Ratio Lower Upper

168 100

99 55.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 87.395 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD071934.D

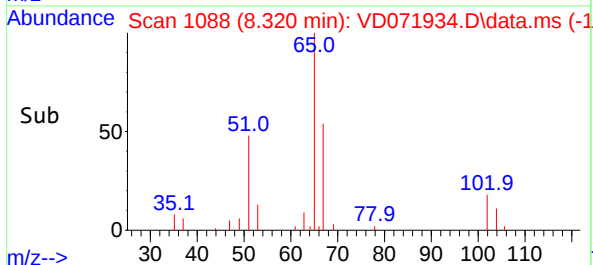
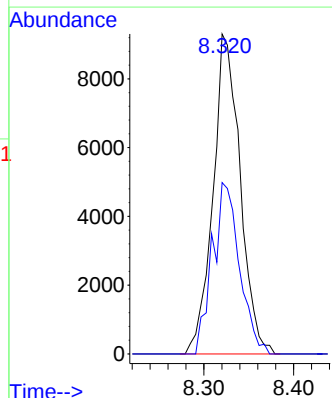
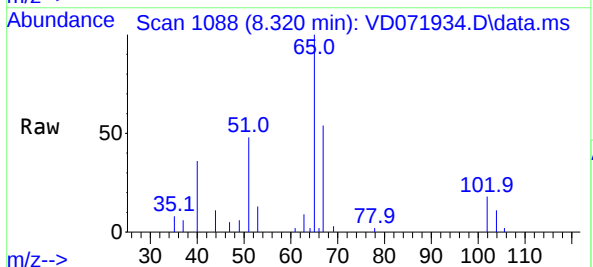
Acq: 11 Feb 2022 13:19

Tgt Ion: 65 Resp: 19501

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071934.D

Acq: 11 Feb 2022 13:19

Instrument :

MSVOA_D

ClientSampleId :

SU-02-021022

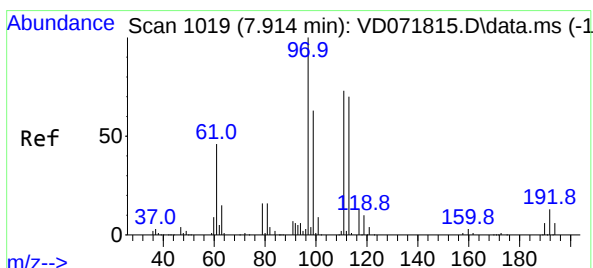
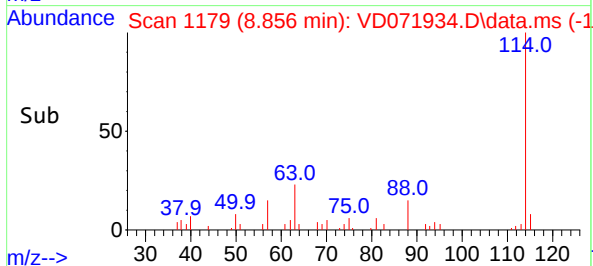
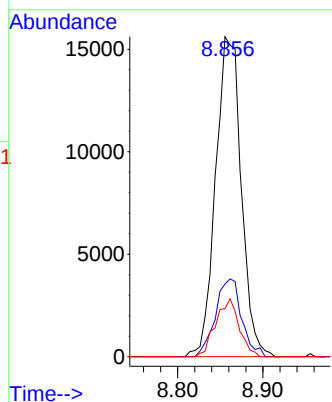
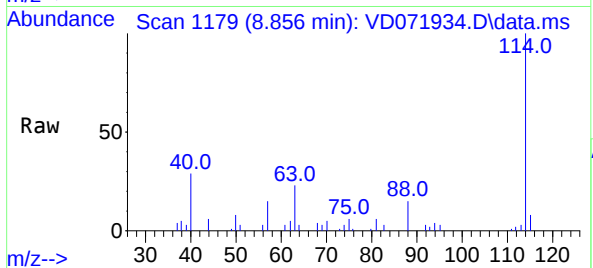
Tgt Ion:114 Resp: 32619

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.802 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071934.D

Acq: 11 Feb 2022 13:19

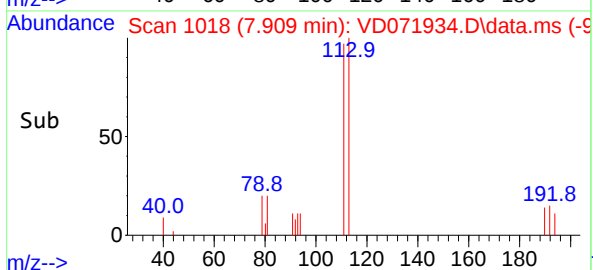
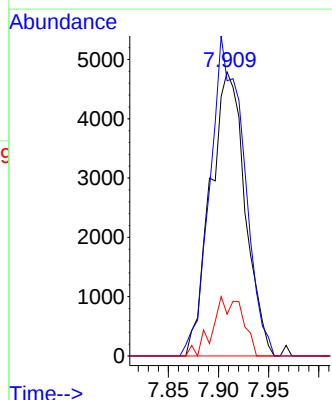
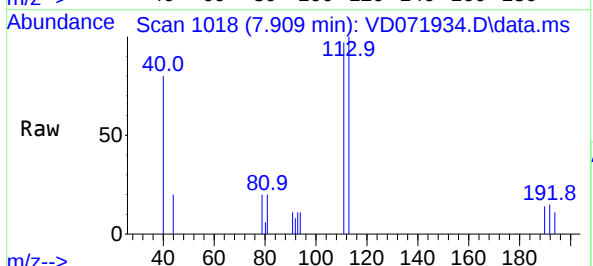
Tgt Ion:113 Resp: 11536

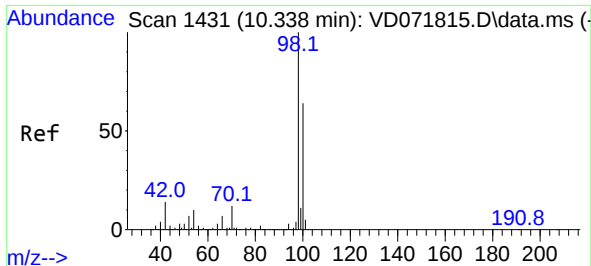
Ion Ratio Lower Upper

113 100

111 109.6 83.8 125.6

192 17.8 14.6 21.8

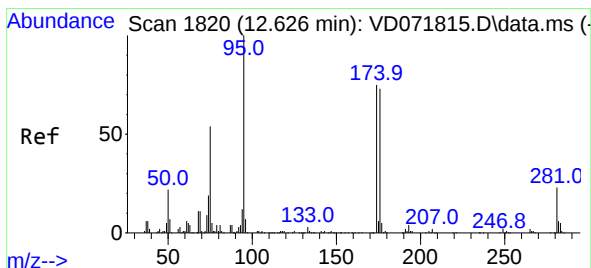
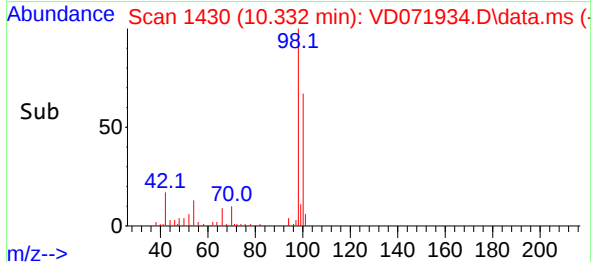
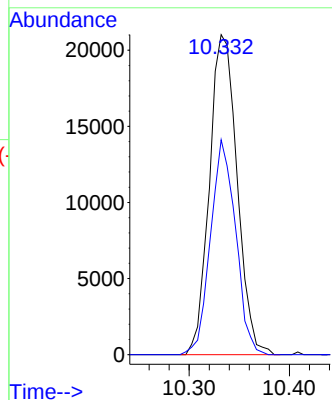
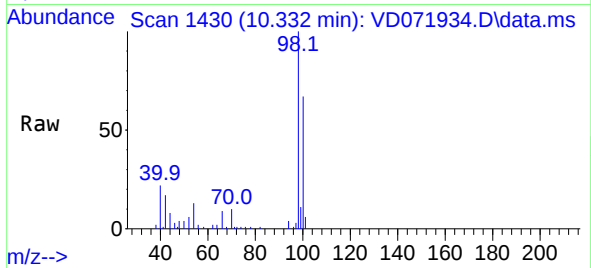




#50
Toluene-d8
Concen: 50.411 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

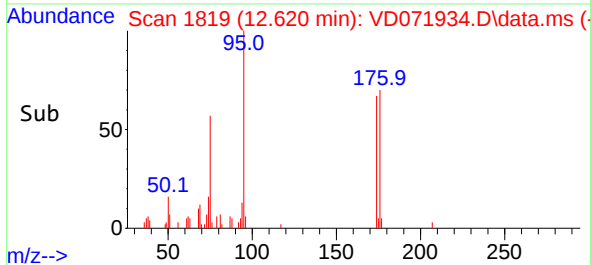
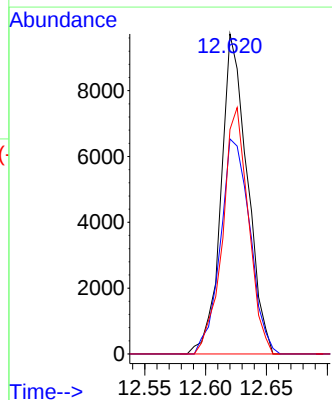
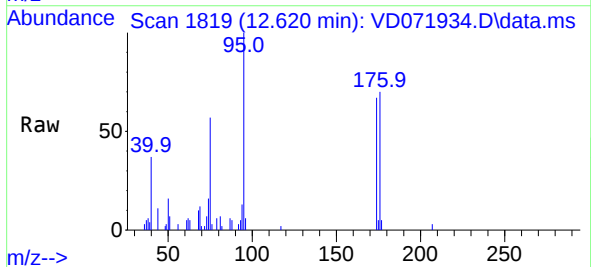
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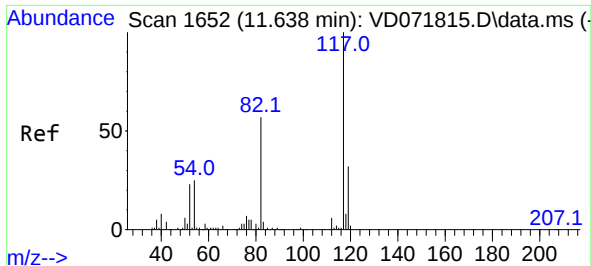
Tgt Ion: 98 Resp: 40367
Ion Ratio Lower Upper
98 100
100 60.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.014 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

Tgt Ion: 95 Resp: 14545
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 75.7 0.0 145.4

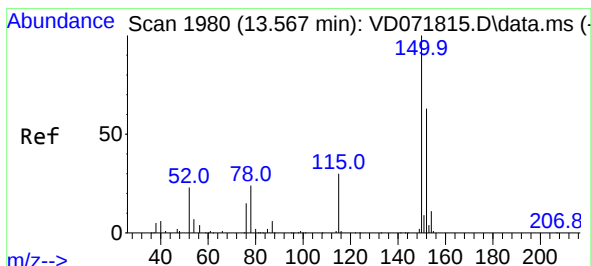
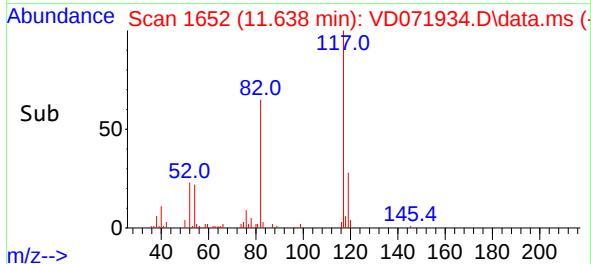
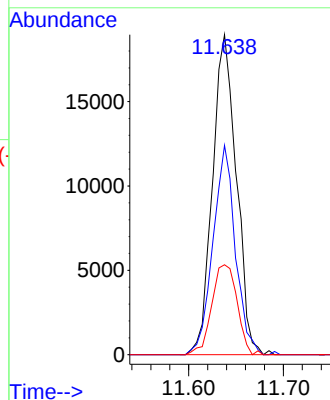
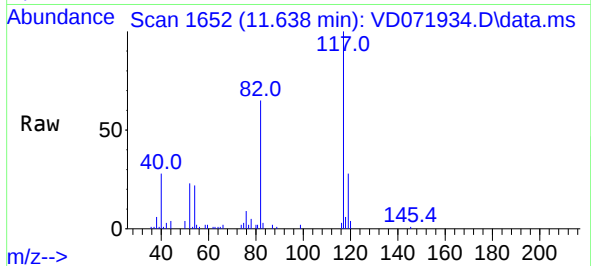




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071934.D
Acq: 11 Feb 2022 13:19

Instrument :
MSVOA_D
ClientSampleId :
SU-02-021022

Tgt Ion:	117	Resp:	33241
Ion	Ratio	Lower	Upper
117	100		
82	65.4	45.3	67.9
119	28.1	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: VD071934.D
Acq: 11 Feb 2022 13:19

Tgt Ion:	152	Resp:	14702
Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.3	93.8
150	151.9	0.0	348.6

