

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071967.D
 Acq On : 14 Feb 2022 19:57
 Operator : VA/SY
 Sample : N1526-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HE-2-021122

Quant Time: Feb 15 00:39:09 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	30293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	56882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	62588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27042	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	38468	100.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	200.940%#
35) Dibromofluoromethane	7.920	113	22242	59.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.980%
50) Toluene-d8	10.332	98	71881	51.476	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.960%
62) 4-Bromofluorobenzene	12.620	95	24839	50.937	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.880%

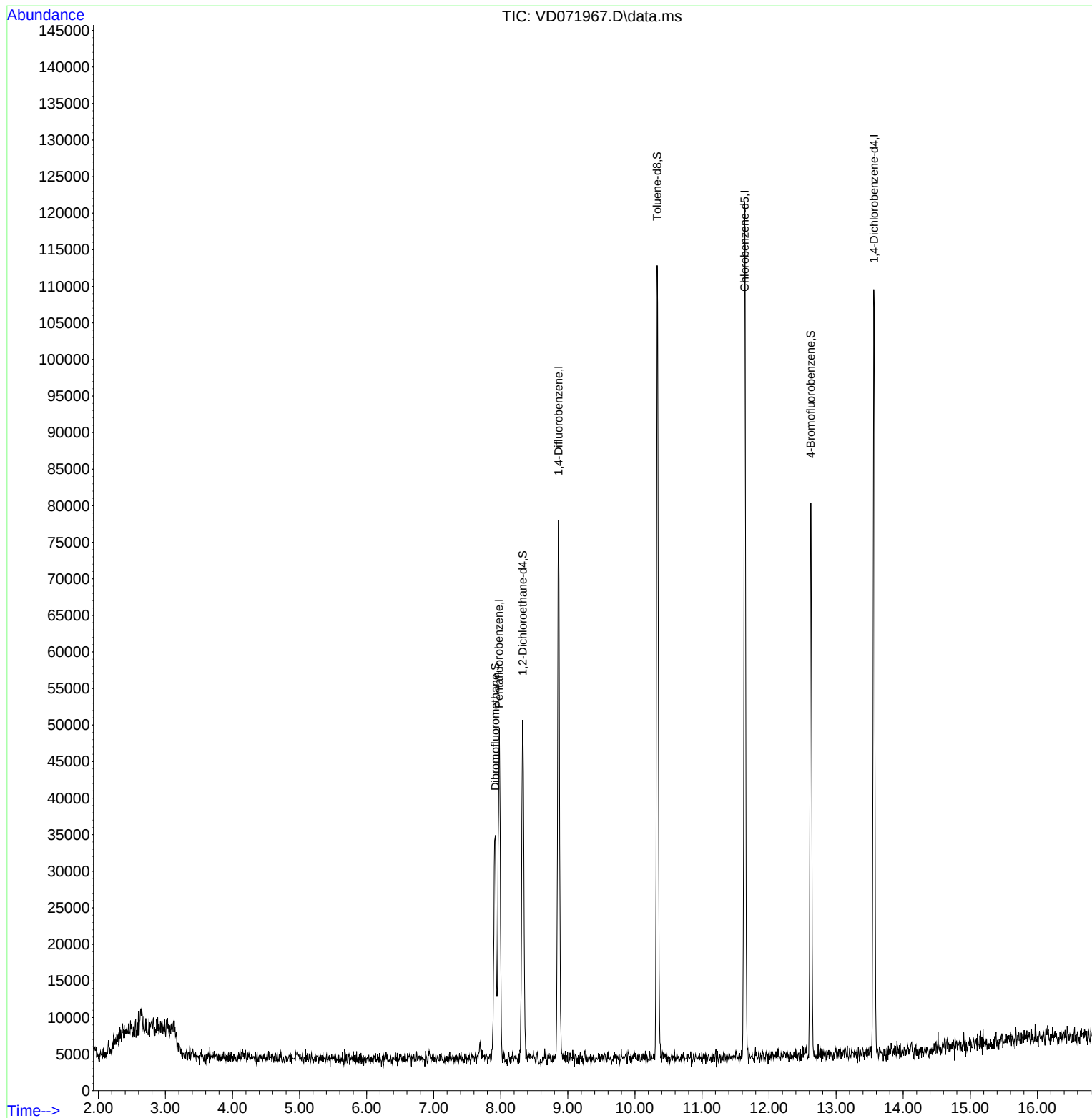
Target Compounds	Qvalue

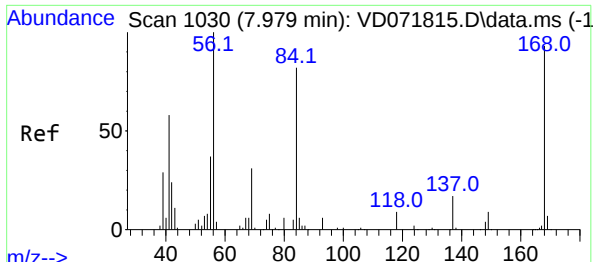
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD071967.D

Acq: 14 Feb 2022 19:57

Instrument :

MSVOA_D

ClientSampleId :

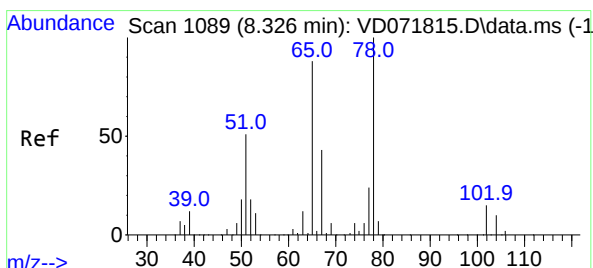
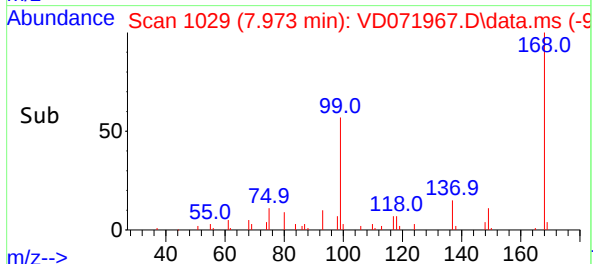
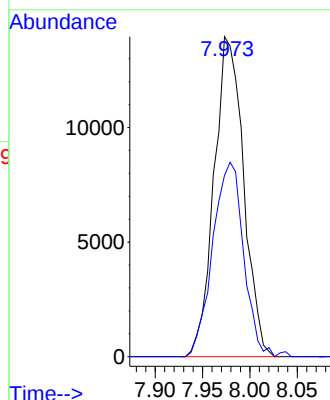
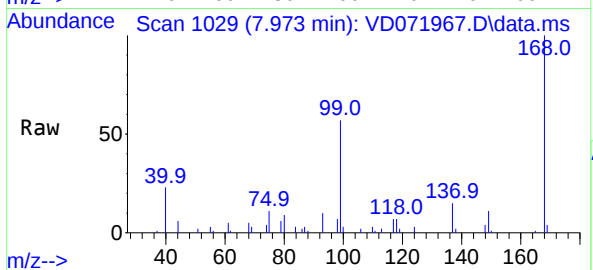
HE-2-021122

Tgt Ion:168 Resp: 30293

Ion Ratio Lower Upper

168 100

99 56.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 100.468 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071967.D

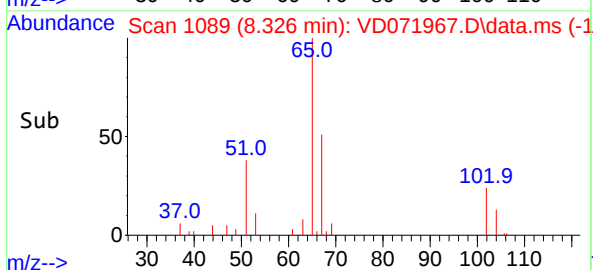
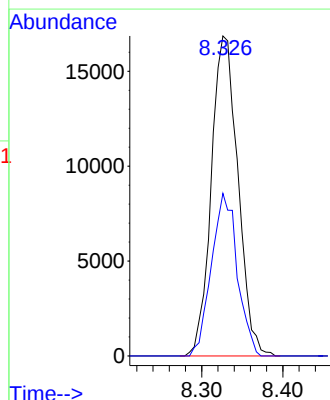
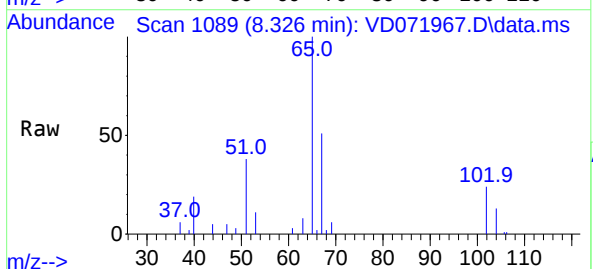
Acq: 14 Feb 2022 19:57

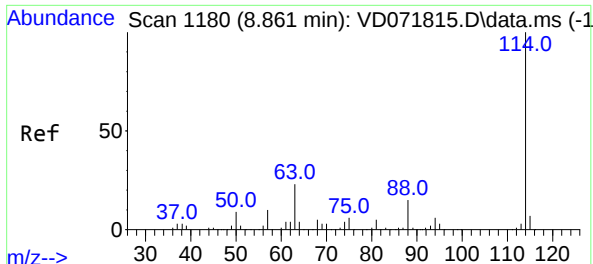
Tgt Ion: 65 Resp: 38468

Ion Ratio Lower Upper

65 100

67 49.3 0.0 101.4



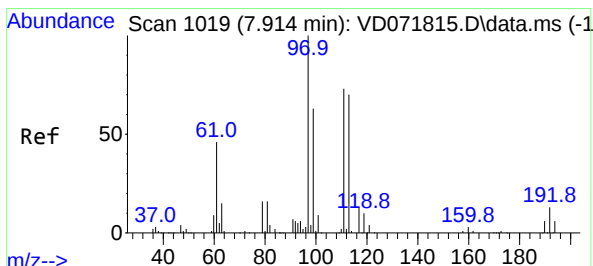
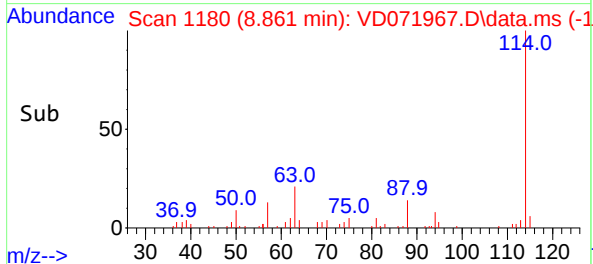
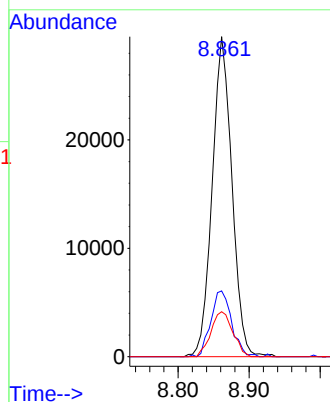
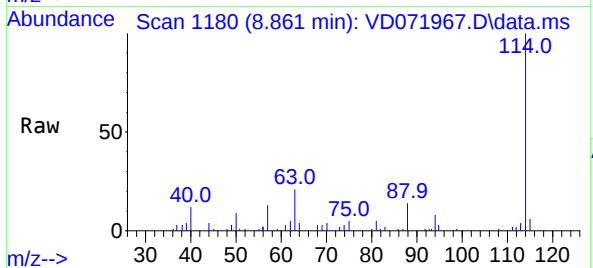


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Instrument :
MSVOA_D
ClientSampleId :
HE-2-021122

Tgt Ion:114 Resp: 56882

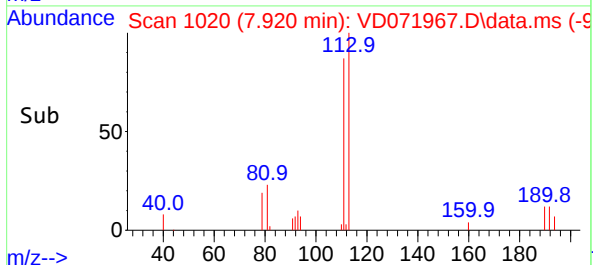
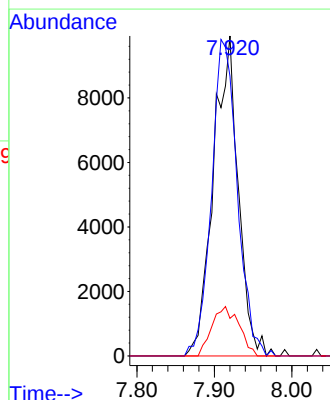
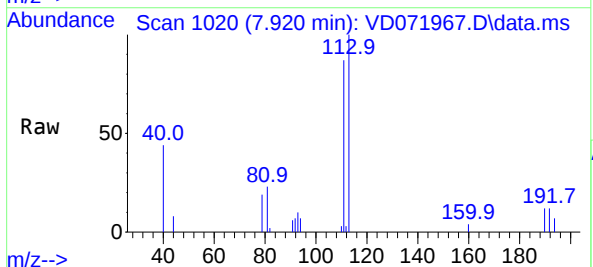
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	46.6
88	14.1	0.0	33.2

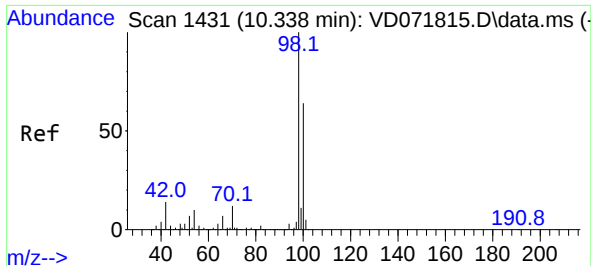


#35
Dibromofluoromethane
Concen: 59.486 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Tgt Ion:113 Resp: 22242

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	16.8	14.6	21.8

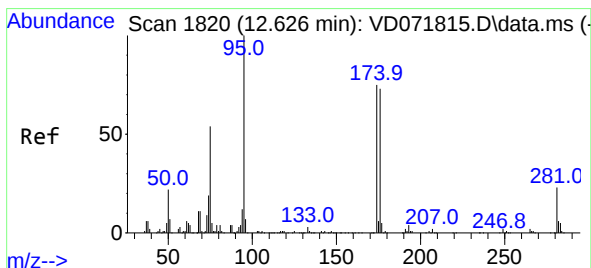
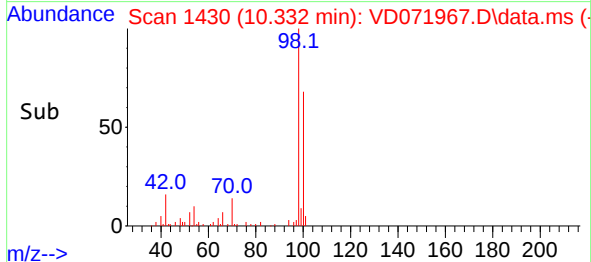
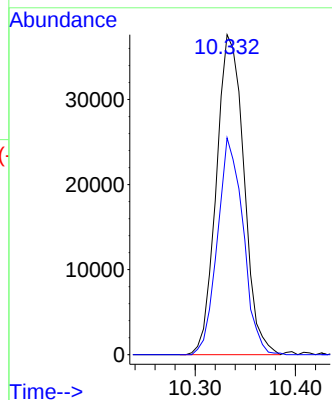
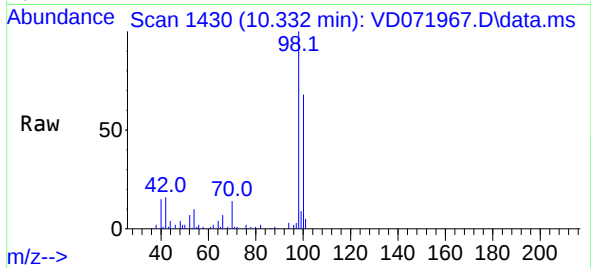




#50
Toluene-d8
Concen: 51.476 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

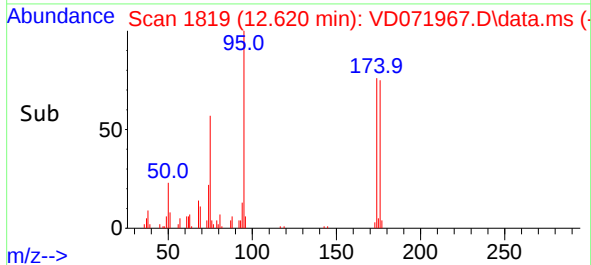
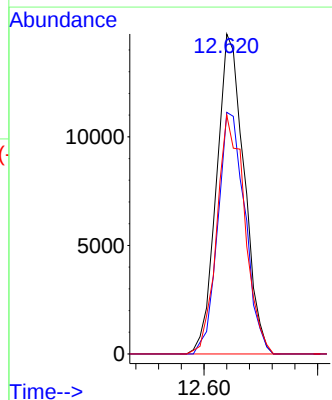
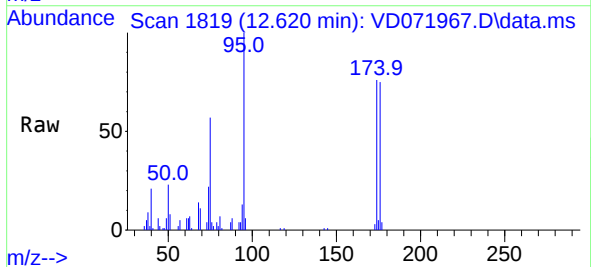
Instrument :
MSVOA_D
ClientSampleId :
HE-2-021122

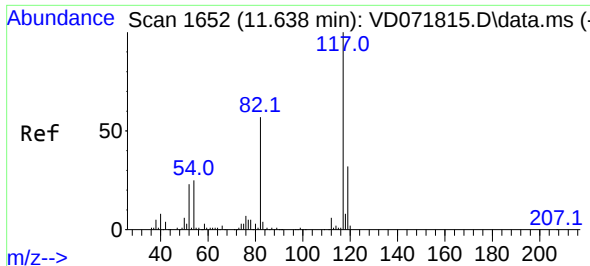
Tgt Ion: 98 Resp: 71881
Ion Ratio Lower Upper
98 100
100 63.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.937 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Tgt Ion: 95 Resp: 24839
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 75.2 0.0 145.4

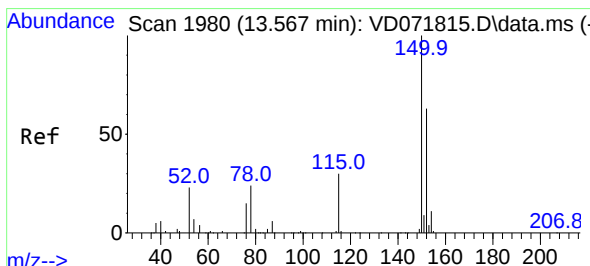
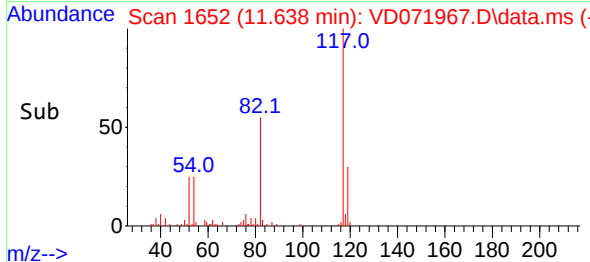
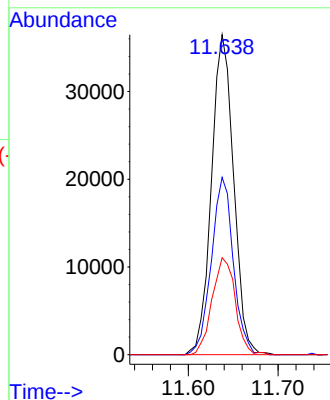
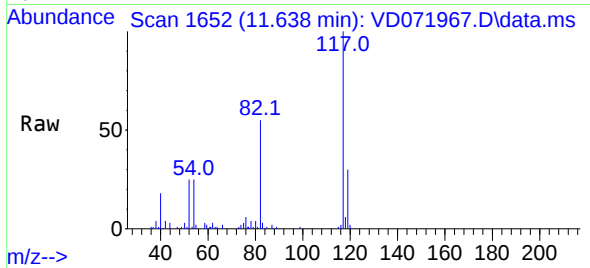




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071967.D
Acq: 14 Feb 2022 19:57

Instrument :
MSVOA_D
ClientSampleId :
HE-2-021122

Tgt Ion:117	Resp:	62588
Ion Ratio	Lower	Upper
117	100	
82	55.4	45.3 67.9
119	30.3	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: VD071967.D
Acq: 14 Feb 2022 19:57

Tgt Ion:152	Resp:	27042
Ion Ratio	Lower	Upper
152	100	
115	58.7	31.3 93.8
150	156.6	0.0 348.6

