

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071962.D
 Acq On : 14 Feb 2022 17:37
 Operator : VA/SY
 Sample : N1521-17
 Misc : 5.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-C

Quant Time: Feb 15 00:37:43 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	7.979	168	15049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	26030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	27210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	10798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	15779	82.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.900%#
35) Dibromofluoromethane	7.914	113	9213	53.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.680%
50) Toluene-d8	10.332	98	32342	50.613	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.620	95	10523	47.156	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.320%

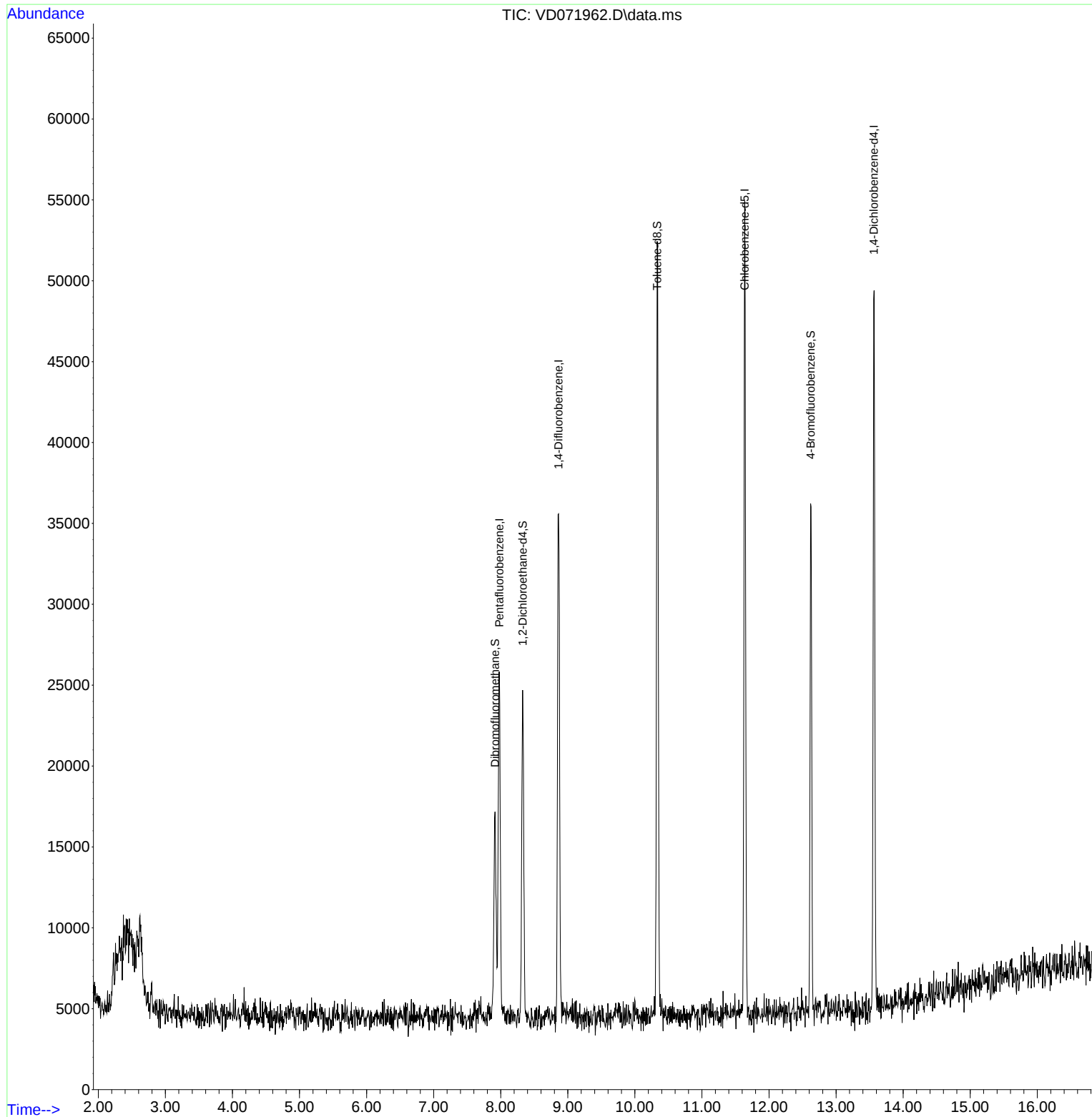
Target Compounds	Qvalue

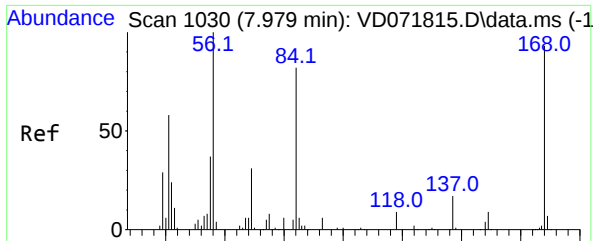
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD071962.D

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MSVOA_D

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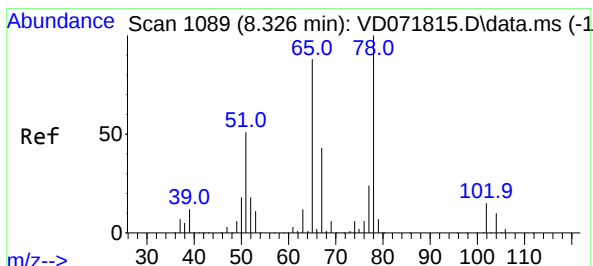
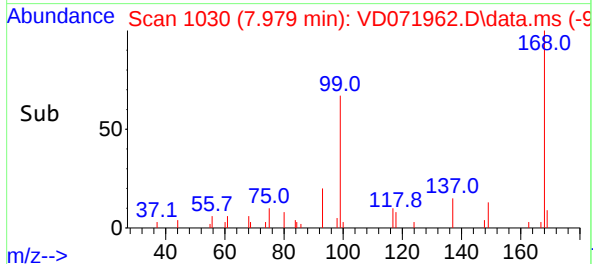
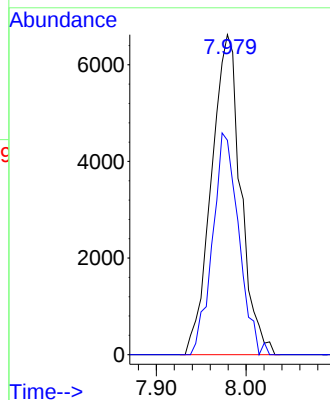
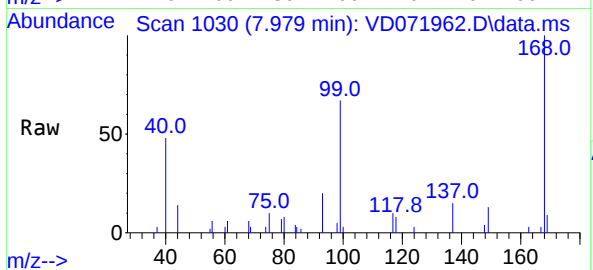
TP3-C

Tgt Ion:168 Resp: 15049

Ion Ratio Lower Upper

168 100

99 67.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 82.955 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071962.D

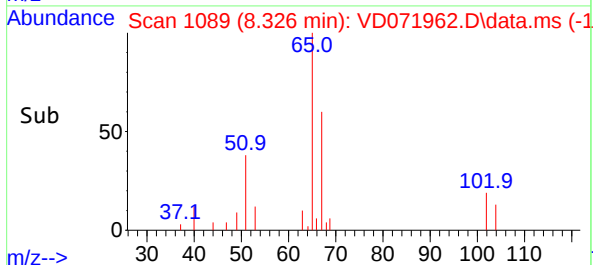
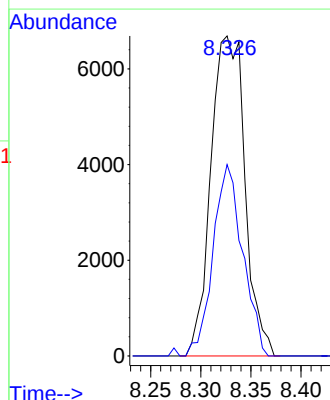
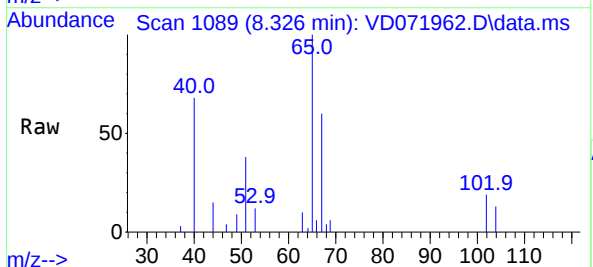
Acq: 14 Feb 2022 17:37

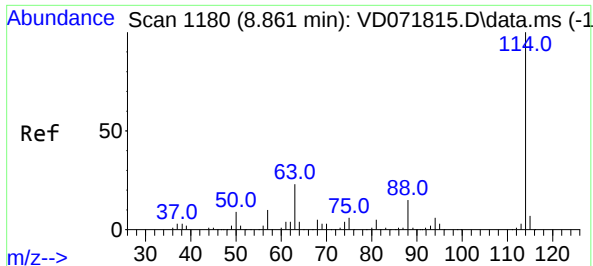
Tgt Ion: 65 Resp: 15779

Ion Ratio Lower Upper

65 100

67 52.0 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: VD071962.D

Acq: 14 Feb 2022 17:37

Instrument :

MSVOA_D

ClientSampleId :

TP3-C

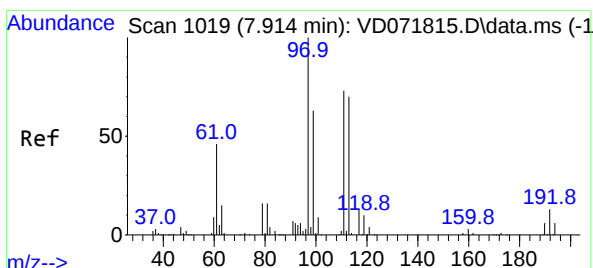
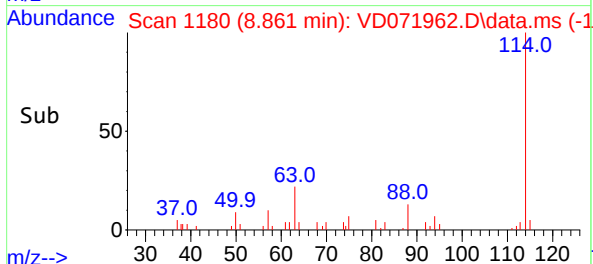
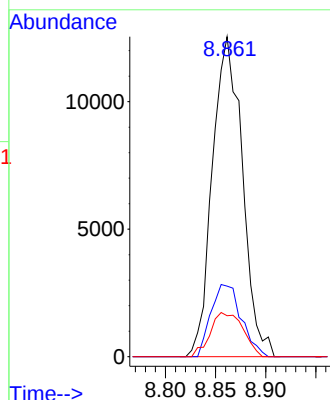
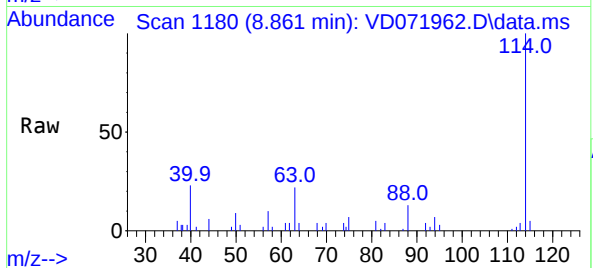
Tgt Ion:114 Resp: 26030

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 12.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 53.845 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071962.D

Acq: 14 Feb 2022 17:37

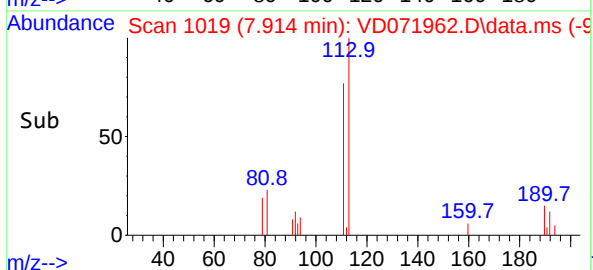
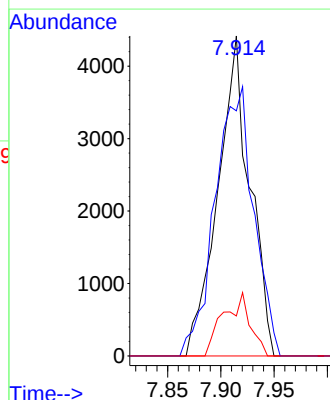
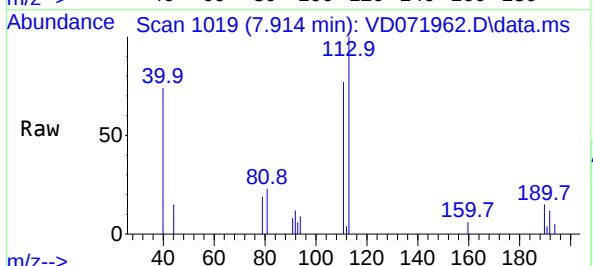
Tgt Ion:113 Resp: 9213

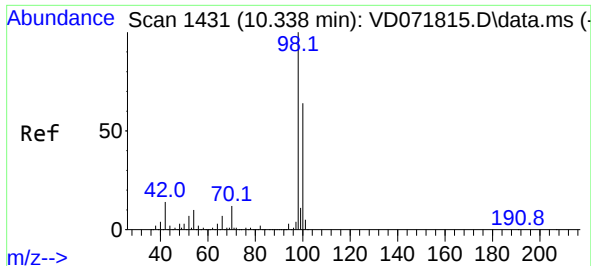
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 16.5 14.6 21.8

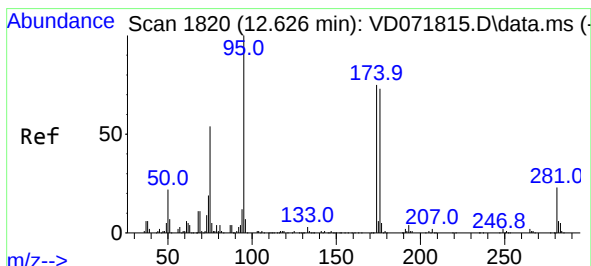
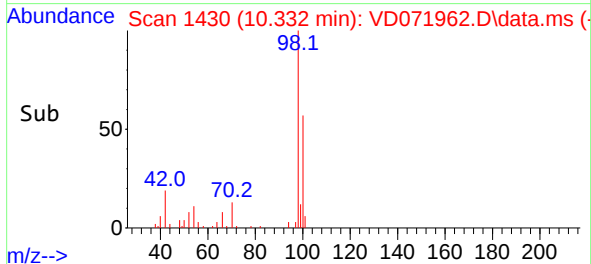
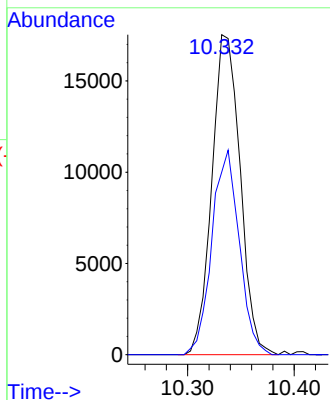
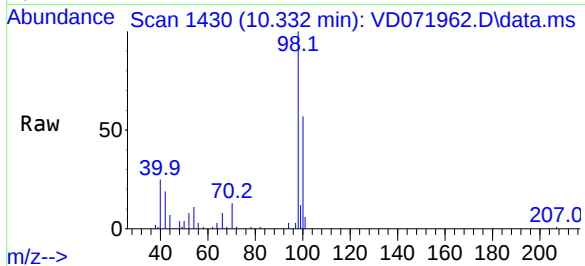




#50
Toluene-d8
Concen: 50.613 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071962.D
Acq: 14 Feb 2022 17:37

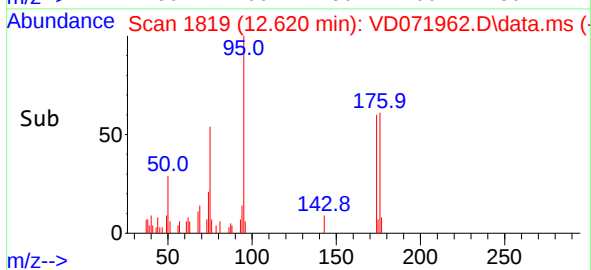
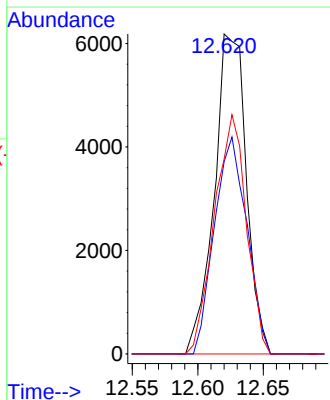
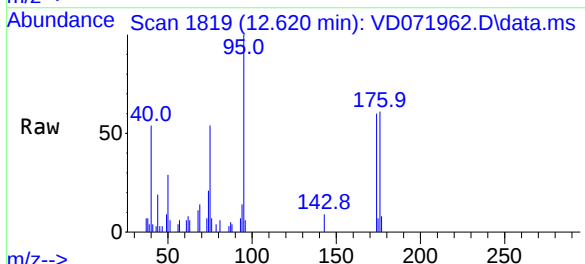
Instrument :
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TP3-C

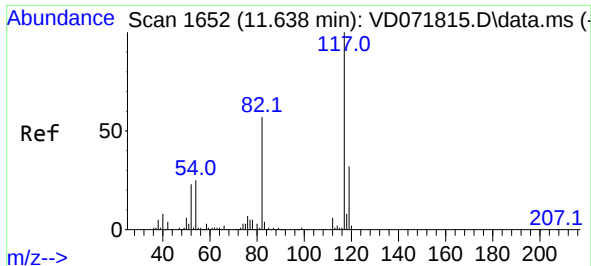
Tgt Ion: 98 Resp: 32342
Ion Ratio Lower Upper
98 100
100 61.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.156 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071962.D
Acq: 14 Feb 2022 17:37

Tgt Ion: 95 Resp: 10523
Ion Ratio Lower Upper
95 100
174 68.7 0.0 152.8
176 74.4 0.0 145.4

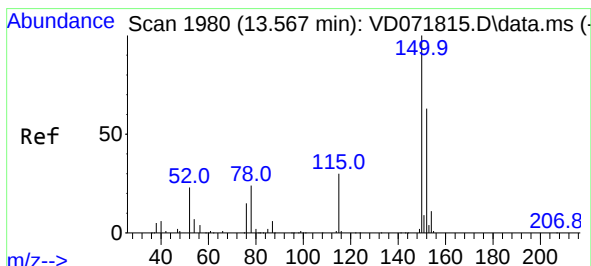
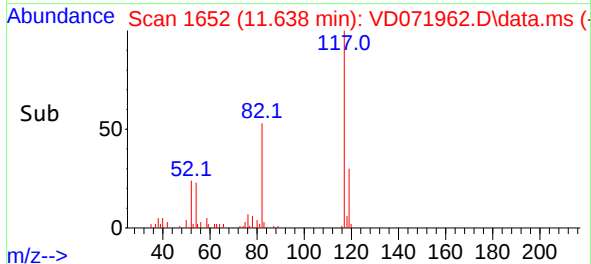
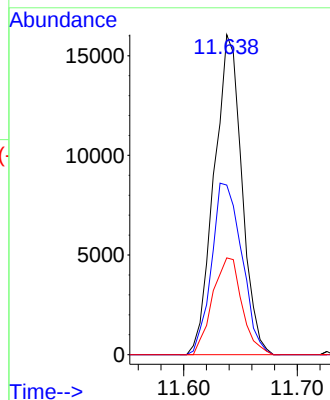
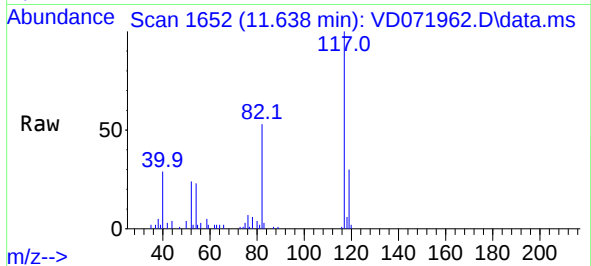




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071962.D
Acq: 14 Feb 2022 17:37

Instrument :
MSVOA_D
ClientSampleId :
TP3-C

Tgt Ion:	117	Resp:	27210
Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.3	67.9
119	30.2	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: VD071962.D
Acq: 14 Feb 2022 17:37

Tgt Ion:	152	Resp:	10798
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.3	93.8
150	161.0	0.0	348.6

