

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071960.D
 Acq On : 14 Feb 2022 16:41
 Operator : VA/SY
 Sample : N1521-13
 Misc : 6.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-A

Quant Time: Feb 15 00:37:08 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	7008	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	10771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	11079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	5764	65.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.140%
35) Dibromofluoromethane	7.902	113	4125	58.262	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.520%
50) Toluene-d8	10.338	98	12886	48.733	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.626	95	4305	46.622	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.240%

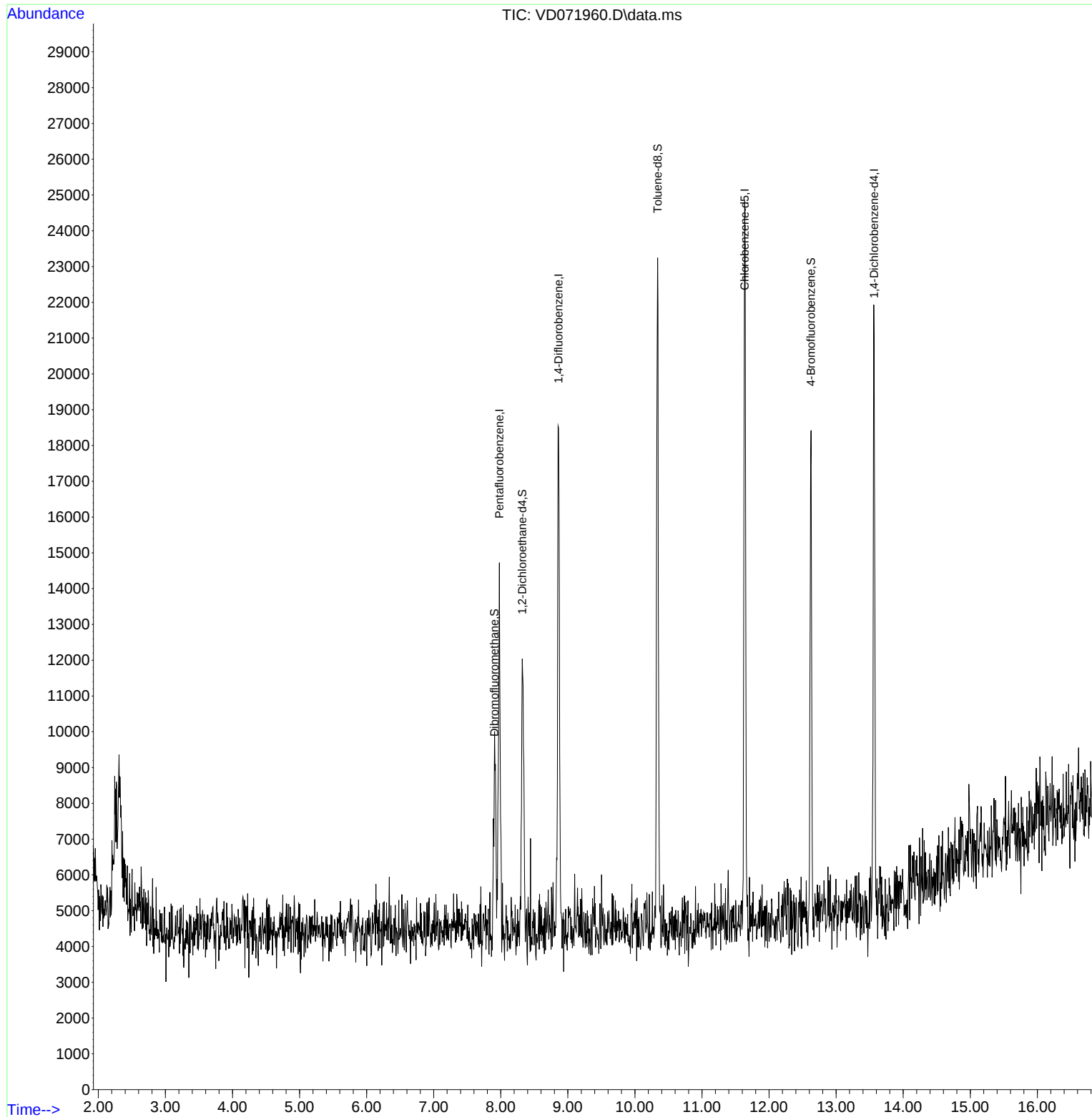
Target Compounds	Qvalue

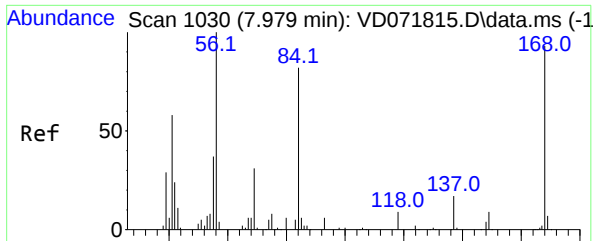
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD071960.D

Acq: 14 Feb 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

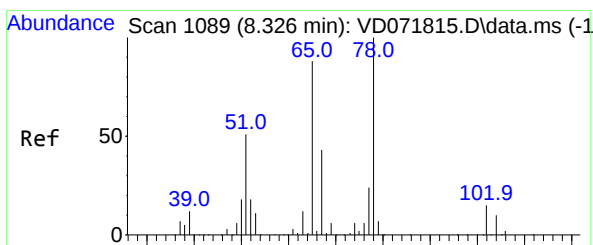
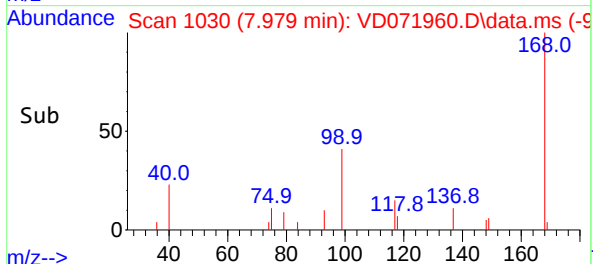
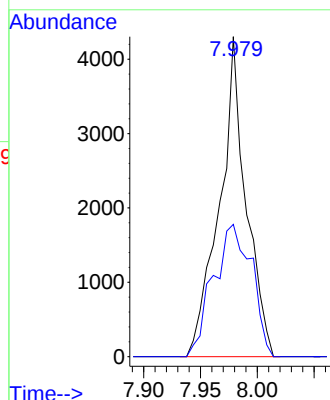
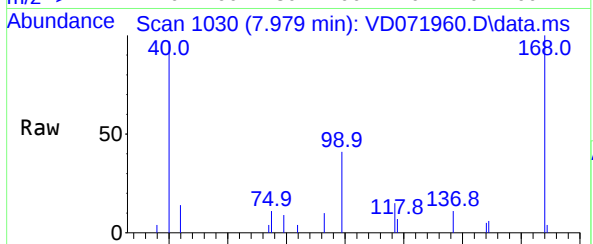
TP3-A

Tgt Ion:168 Resp: 7008

Ion Ratio Lower Upper

168 100

99 41.4 49.8 74.6#



1,2-Dichloroethane-d4

Concen: 65.073 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD071960.D

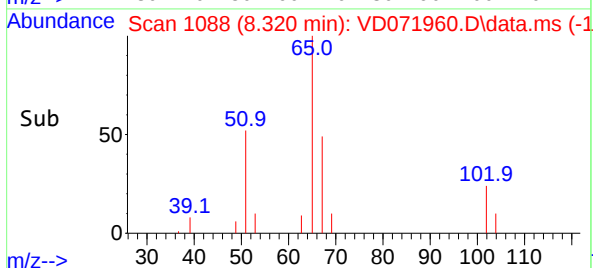
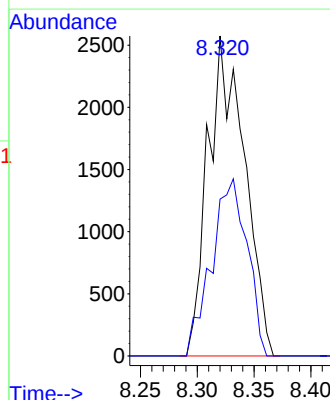
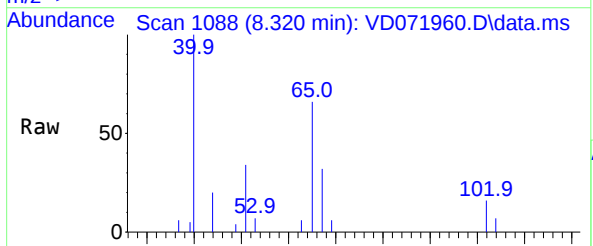
Acq: 14 Feb 2022 16:41

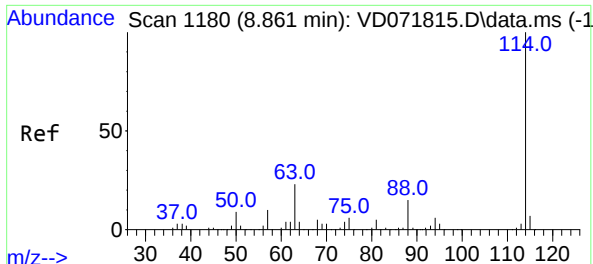
Tgt Ion: 65 Resp: 5764

Ion Ratio Lower Upper

65 100

67 54.0 0.0 101.4



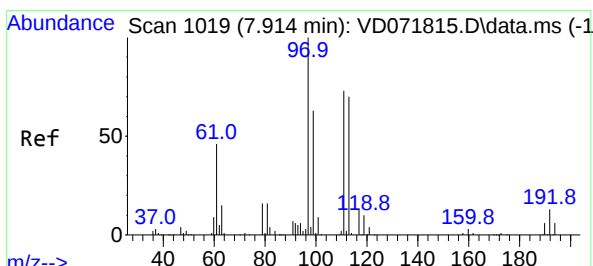
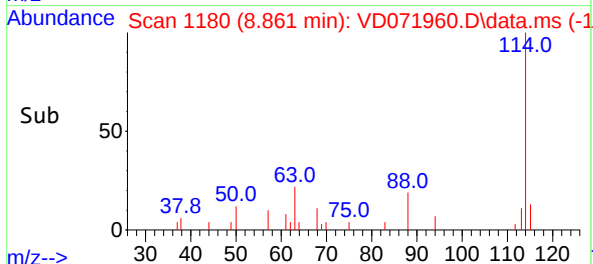
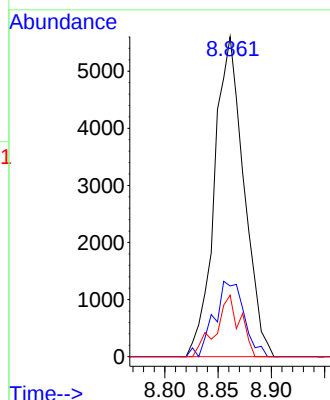
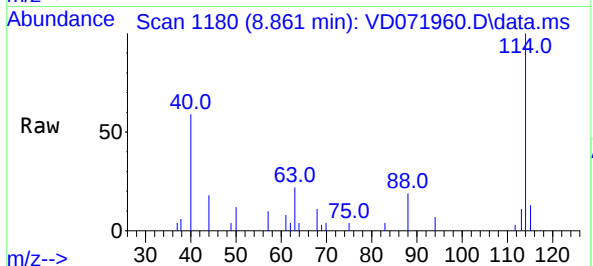


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071960.D
Acq: 14 Feb 2022 16:41

Instrument :
MSVOA_D
ClientSampleId :
TP3-A

Tgt Ion:114 Resp: 10771

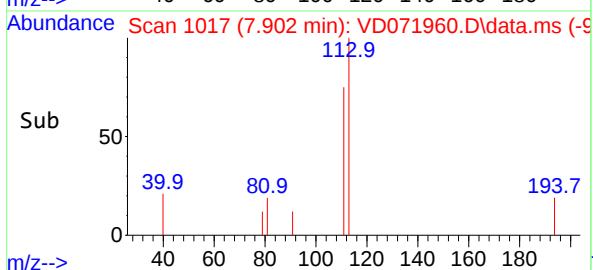
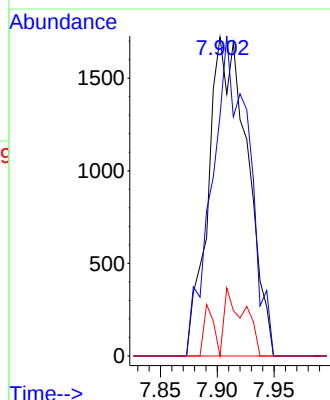
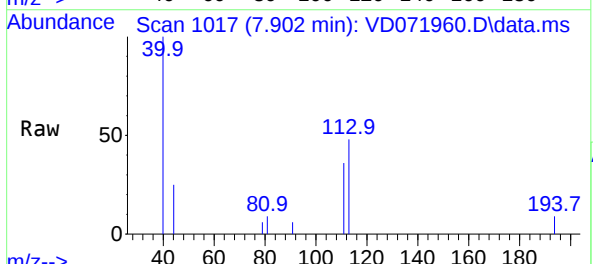
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	46.6
88	19.2	0.0	33.2

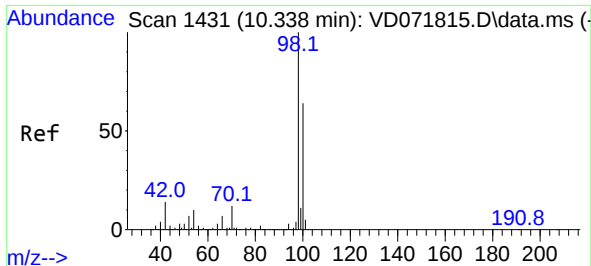


#35
Dibromofluoromethane
Concen: 58.262 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD071960.D
Acq: 14 Feb 2022 16:41

Tgt Ion:113 Resp: 4125

Ion	Ratio	Lower	Upper
113	100		
111	94.8	83.8	125.6
192	10.9	14.6	21.8

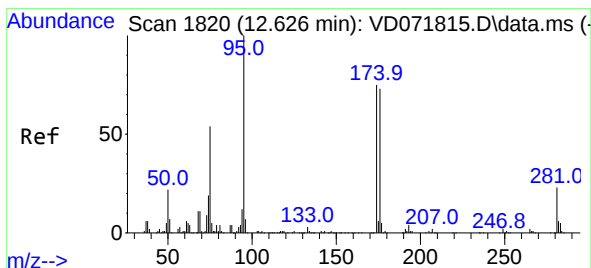
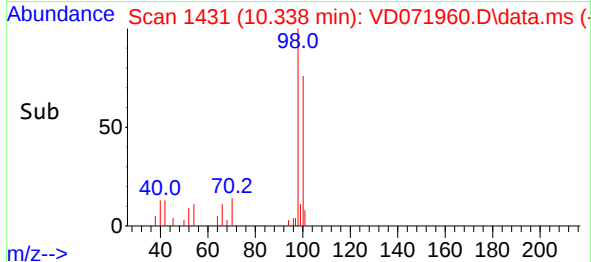
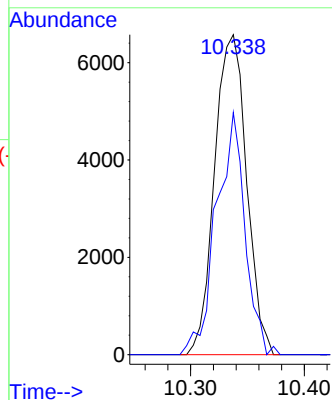
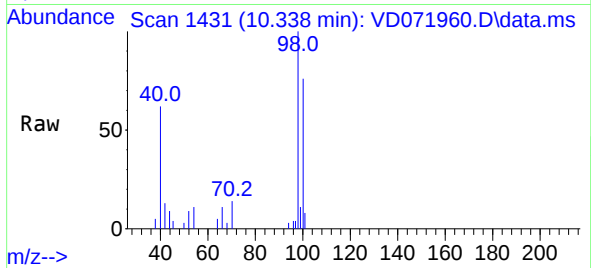




#50
Toluene-d8
Concen: 48.733 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071960.D
Acq: 14 Feb 2022 16:41

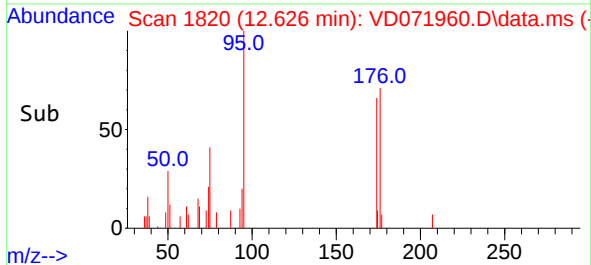
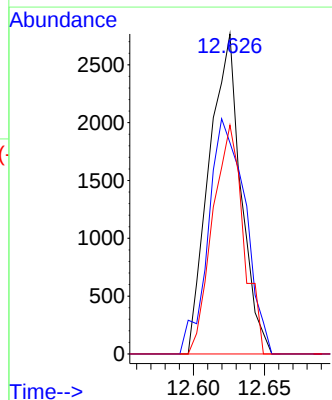
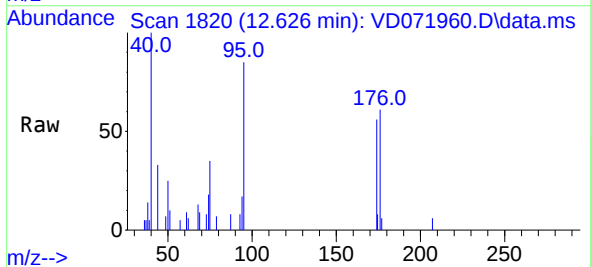
Instrument :
MSVOA_D
ClientSampleId :
TP3-A

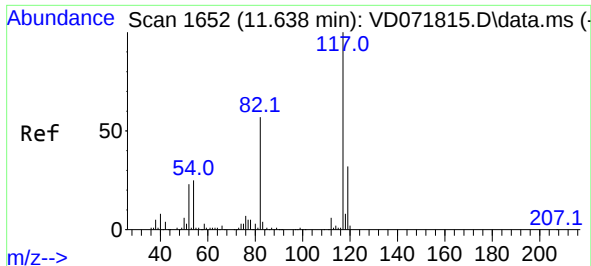
Tgt Ion: 98 Resp: 12886
Ion Ratio Lower Upper
98 100
100 67.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.622 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071960.D
Acq: 14 Feb 2022 16:41

Tgt Ion: 95 Resp: 4305
Ion Ratio Lower Upper
95 100
174 85.3 0.0 152.8
176 69.2 0.0 145.4

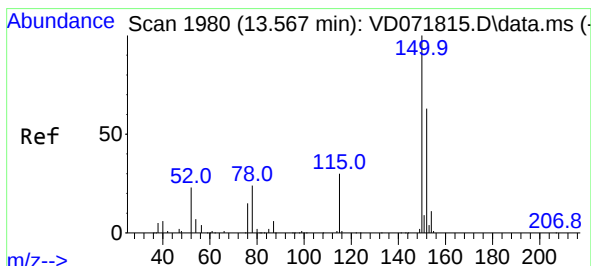
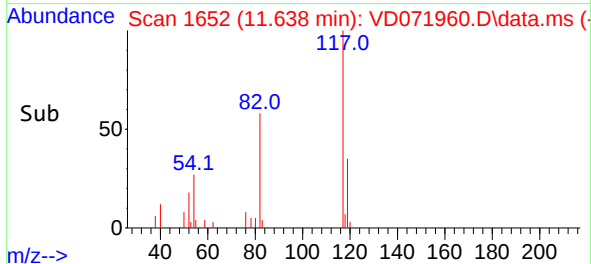
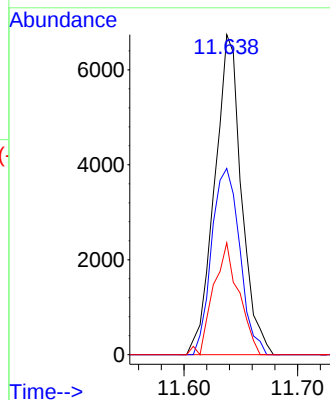
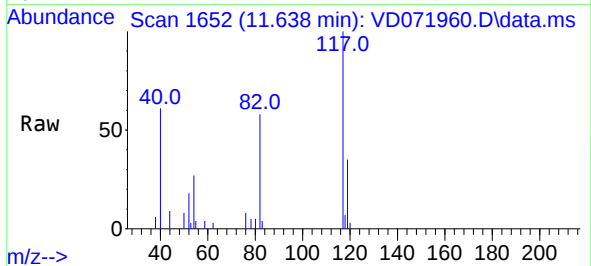




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11079
Delta R.T. -0.000 min
Lab File: VD071960.D
Acq: 14 Feb 2022 16:41

Instrument :
MSVOA_D
ClientSampleId :
TP3-A

Tgt Ion:117	Resp:	11079
Ion	Ratio	Lower Upper
117	100	
82	58.2	45.3 67.9
119	34.9	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: VD071960.D
Acq: 14 Feb 2022 16:41

Tgt Ion:152	Resp:	3935
Ion	Ratio	Lower Upper
152	100	
115	66.9	31.3 93.8
150	166.9	0.0 348.6

