

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071683.D
 Acq On : 12 Jan 2022 13:45
 Operator : VA/SY
 Sample : N1097-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S

Quant Time: Jan 13 05:28:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	9390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	16867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	15857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	6935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10594	87.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	175.360%#
35) Dibromofluoromethane	7.914	113	5322	47.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.480%
50) Toluene-d8	10.331	98	21350	51.166	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.340%
62) 4-Bromofluorobenzene	12.625	95	7036	47.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.700%

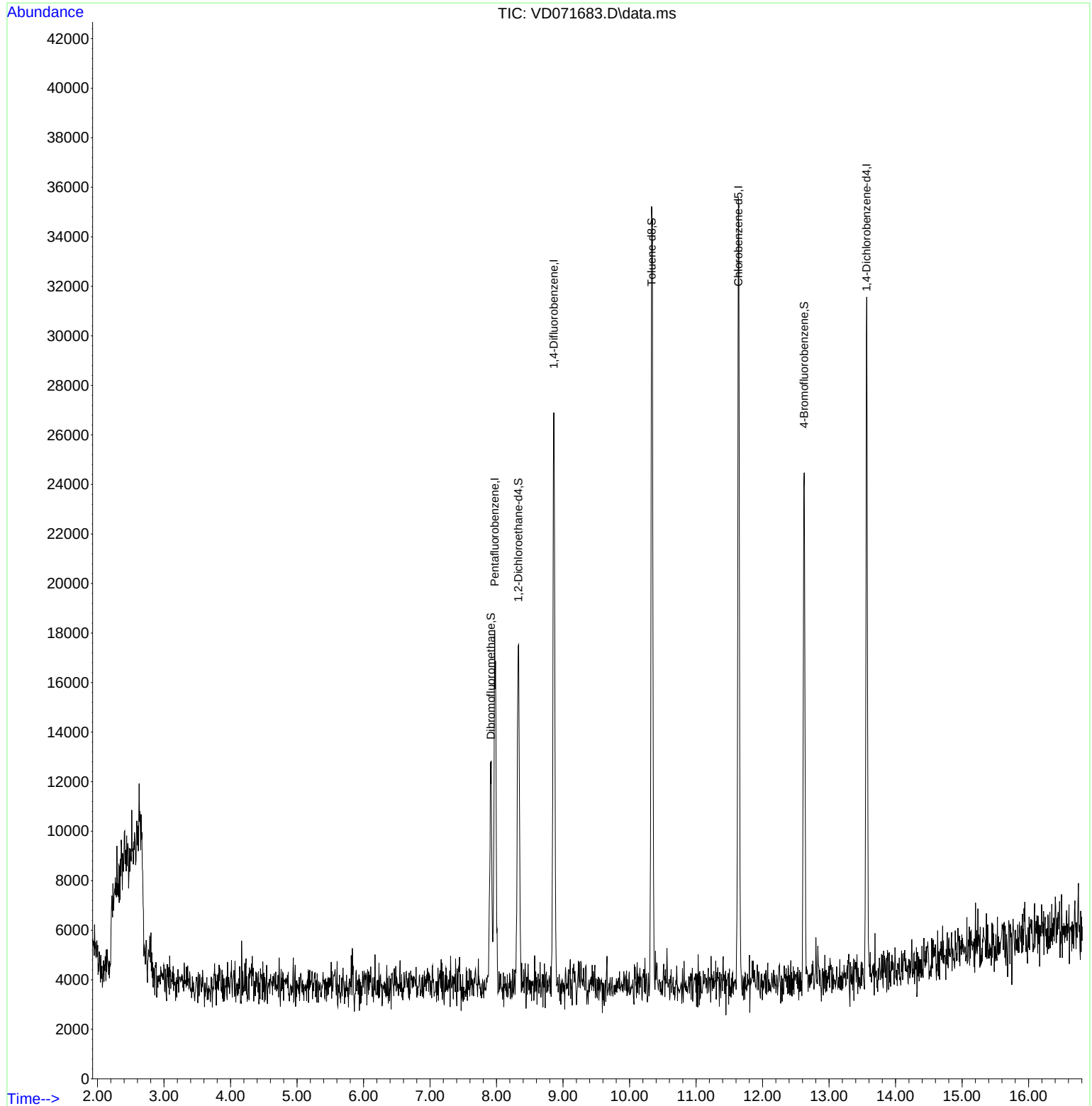
Target Compounds	Qvalue

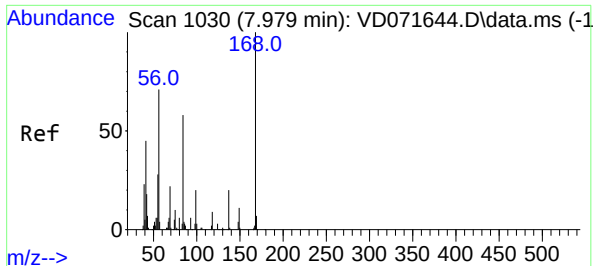
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD071683.D

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MSVOA_D

ClientSampleId :

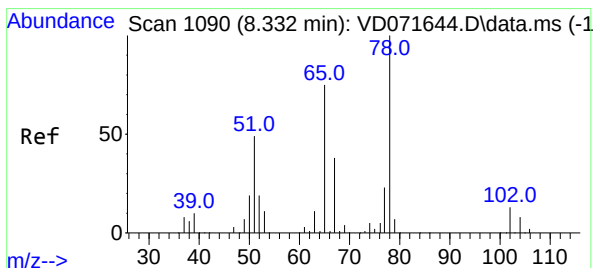
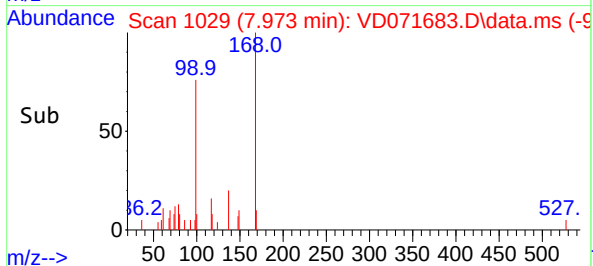
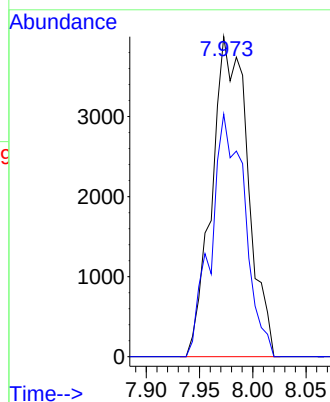
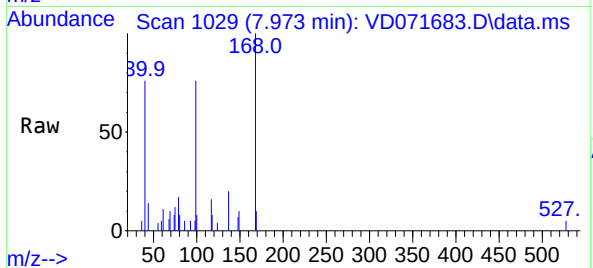
TP-1S

Tgt Ion:168 Resp: 9390

Ion Ratio Lower Upper

168 100

99 75.8 51.8 77.6



1,2-Dichloroethane-d4

Concen: 87.682 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071683.D

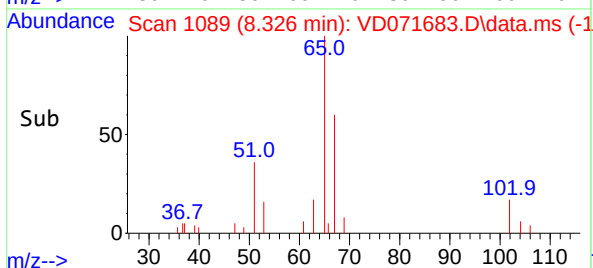
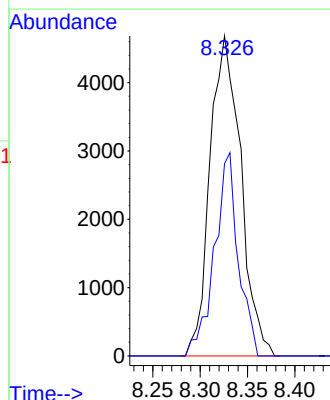
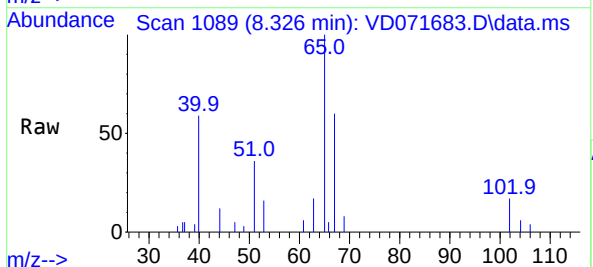
Acq: 12 Jan 2022 13:45

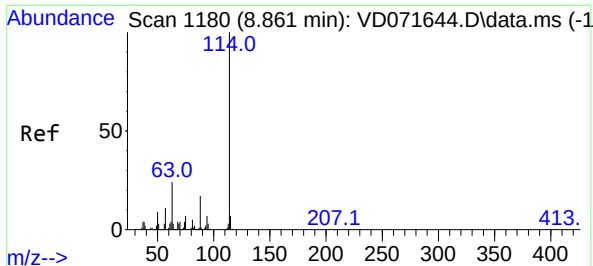
Tgt Ion: 65 Resp: 10594

Ion Ratio Lower Upper

65 100

67 49.1 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071683.D

Acq: 12 Jan 2022 13:45

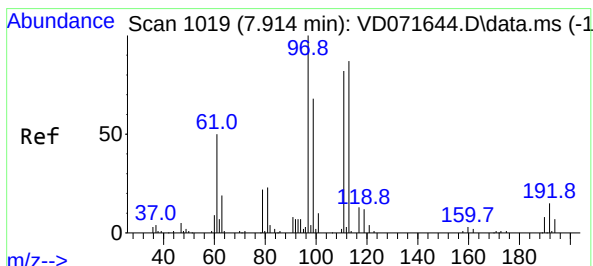
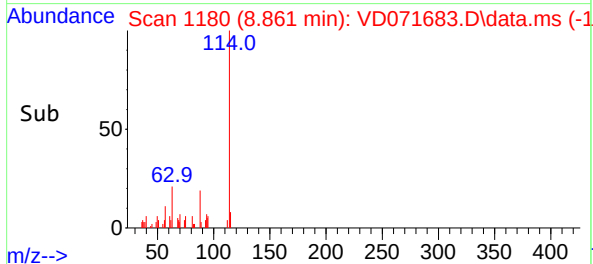
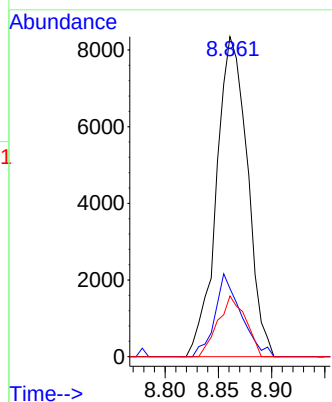
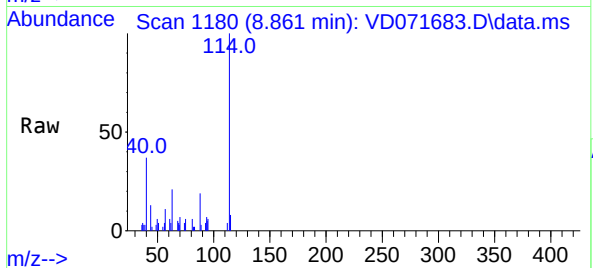
Instrument :

MSVOA_D

ClientSampleId :

TP-1S

Tgt Ion:114	Resp:	16867
Ion	Ratio	Lower Upper
114	100	
63	21.3	0.0 46.2
88	19.0	0.0 32.0



#35

Dibromofluoromethane

Concen: 47.744 ug/l

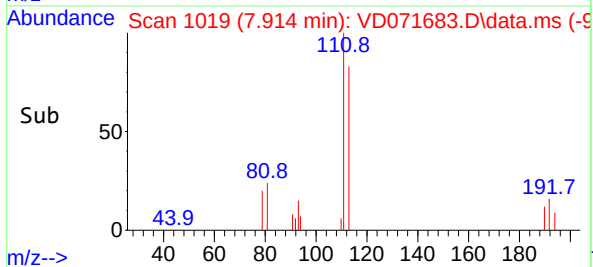
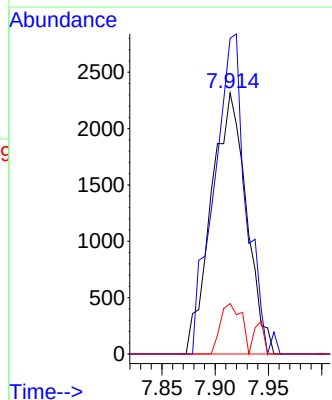
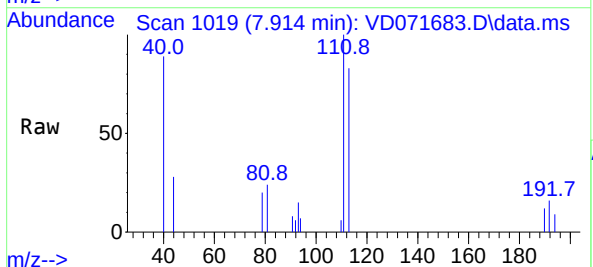
RT: 7.914 min Scan# 1019

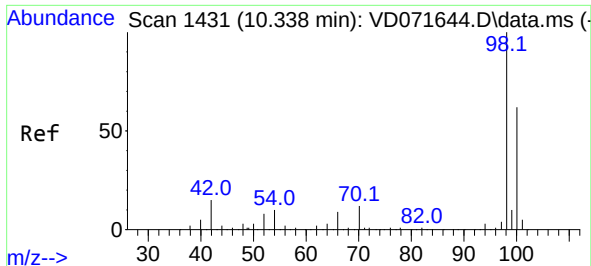
Delta R.T. -0.000 min

Lab File: VD071683.D

Acq: 12 Jan 2022 13:45

Tgt Ion:113	Resp:	5322
Ion	Ratio	Lower Upper
113	100	
111	111.1	82.2 123.4
192	11.5	14.2 21.2#

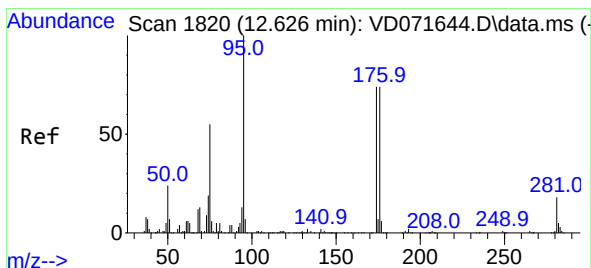
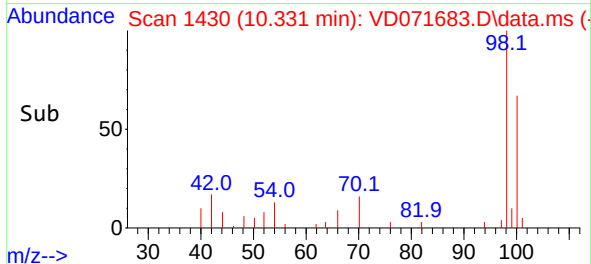
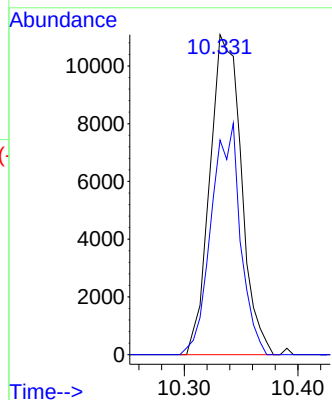
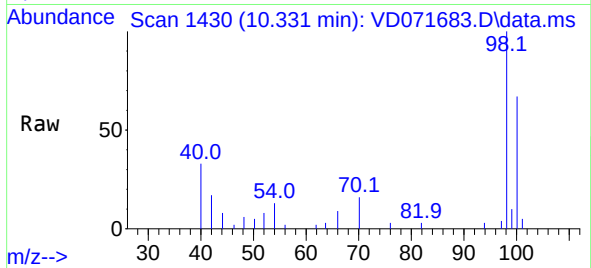




#50
Toluene-d8
Concen: 51.166 ug/l
RT: 10.331 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071683.D
Acq: 12 Jan 2022 13:45

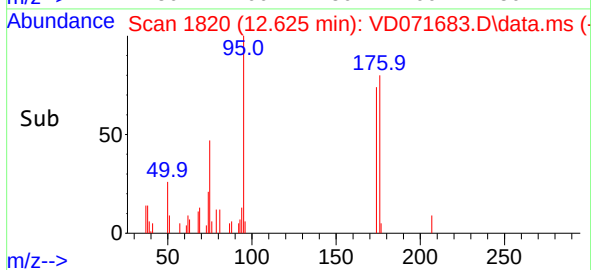
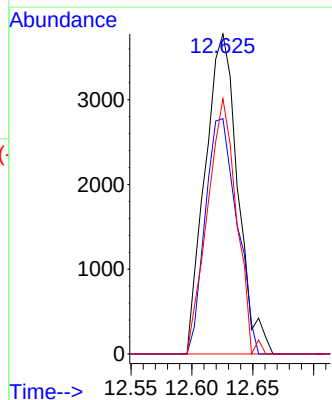
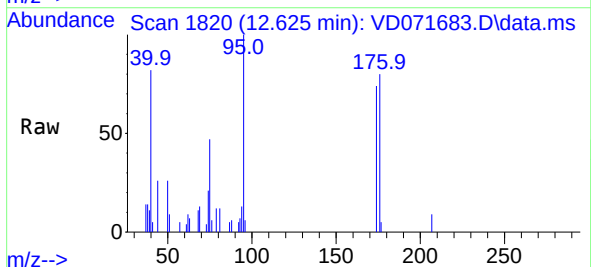
Instrument :
MSVOA_D
ClientSampleId :
TP-1S

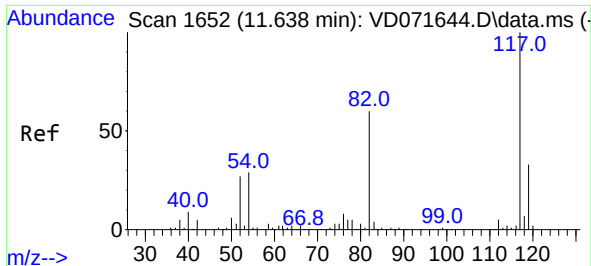
Tgt Ion: 98 Resp: 21350
Ion Ratio Lower Upper
98 100
100 66.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.853 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.001 min
Lab File: VD071683.D
Acq: 12 Jan 2022 13:45

Tgt Ion: 95 Resp: 7036
Ion Ratio Lower Upper
95 100
174 71.6 0.0 150.0
176 71.0 0.0 146.4

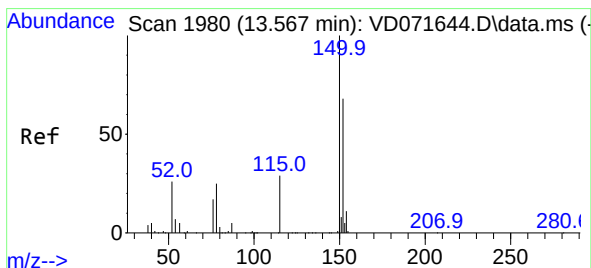
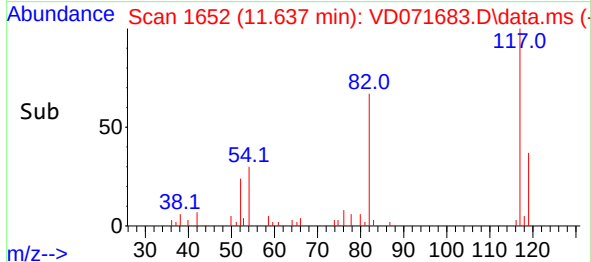
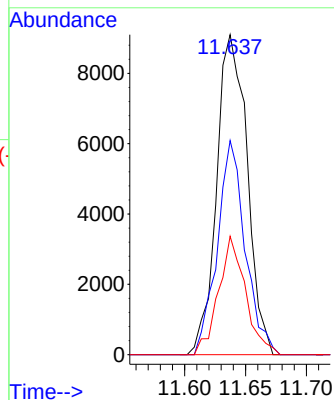
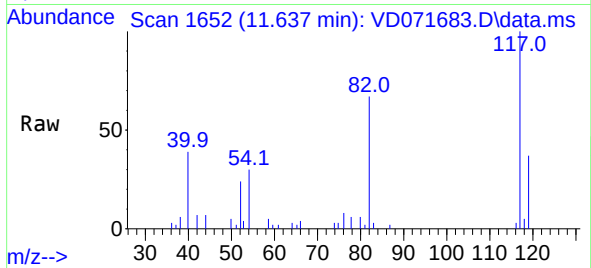




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071683.D
Acq: 12 Jan 2022 13:45

Instrument :
MSVOA_D
ClientSampleId :
TP-1S

Tgt Ion:117 Resp: 15857
Ion Ratio Lower Upper
117 100
82 66.9 46.9 70.3
119 37.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071683.D
Acq: 12 Jan 2022 13:45

Tgt Ion:152 Resp: 6935
Ion Ratio Lower Upper
152 100
115 57.2 31.5 94.5
150 138.9 0.0 348.0

