

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072283.D
 Acq On : 18 Mar 2022 12:00
 Operator : VA/SY
 Sample : VD0318SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL01

Quant Time: Mar 19 05:21:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	380783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	631627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	667707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	337601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182824	43.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.160%
35) Dibromofluoromethane	7.909	113	201332	45.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.600%
50) Toluene-d8	10.332	98	786422	48.388	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.626	95	323843	51.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.560%

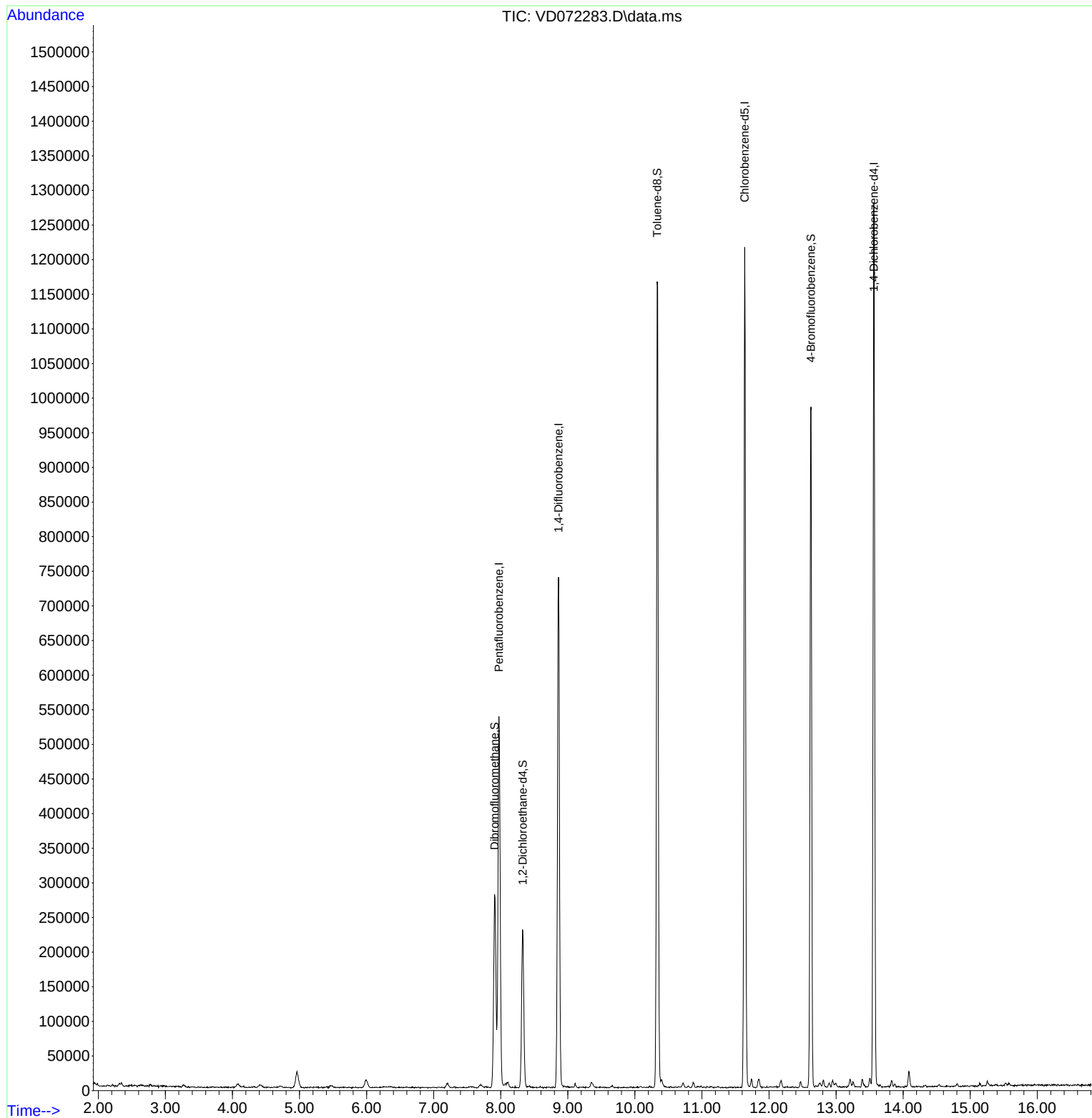
Target Compounds	Qvalue

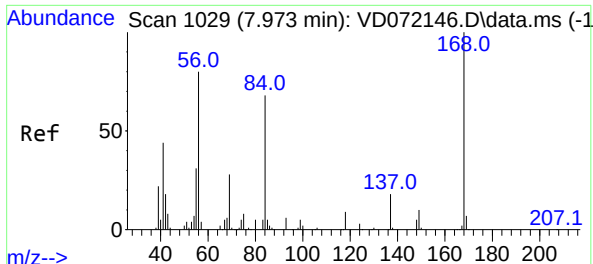
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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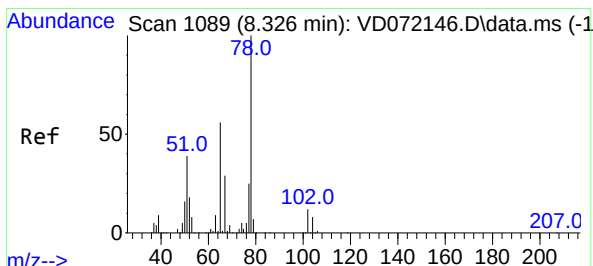
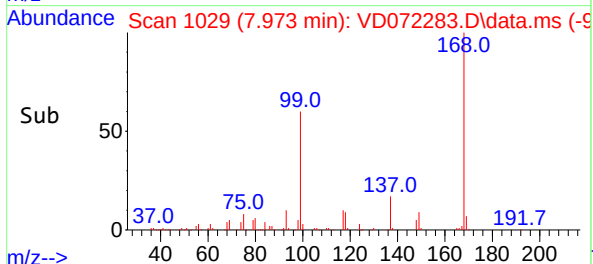
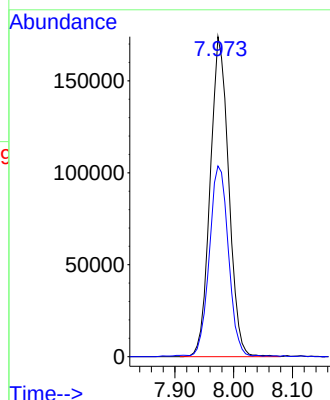
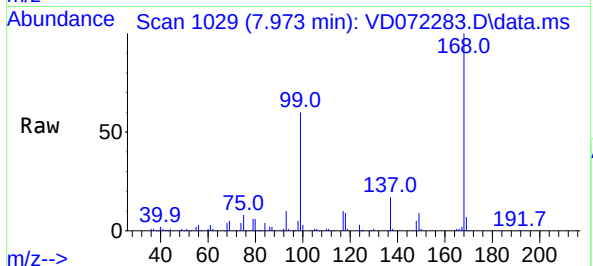




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

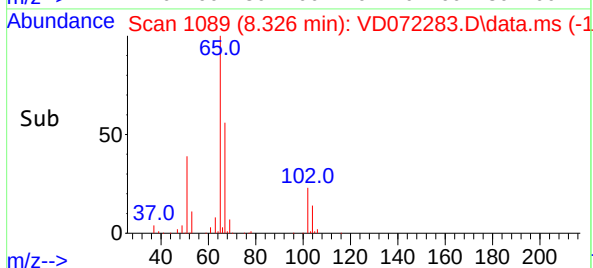
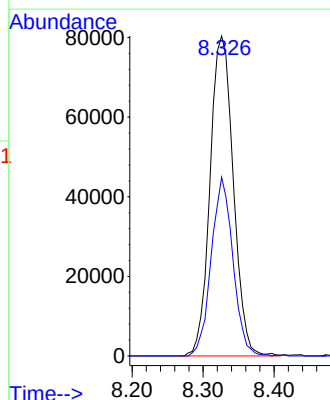
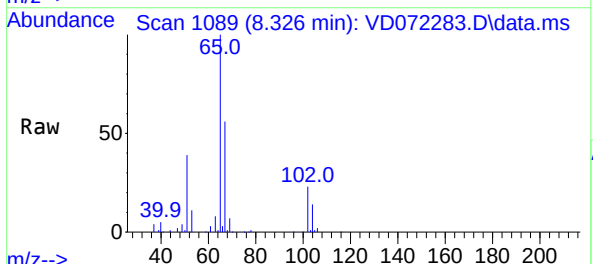
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

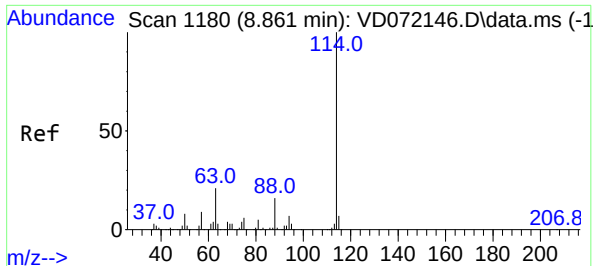
Tgt Ion:168 Resp: 380783
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 43.082 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

Tgt Ion: 65 Resp: 182824
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: VD072283.D

Acq: 18 Mar 2022 12:00

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBL01

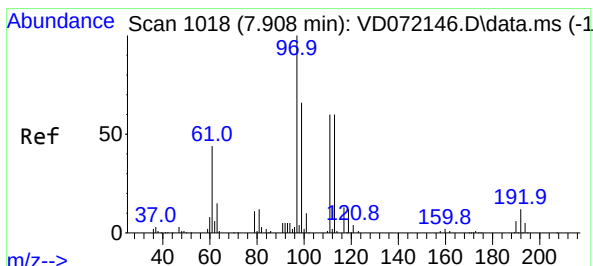
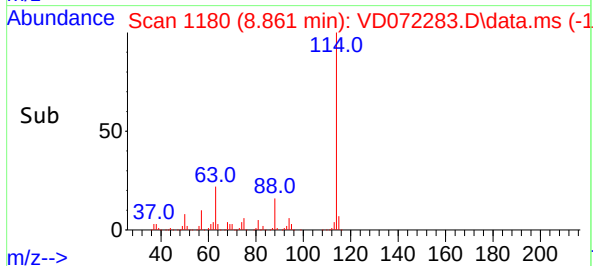
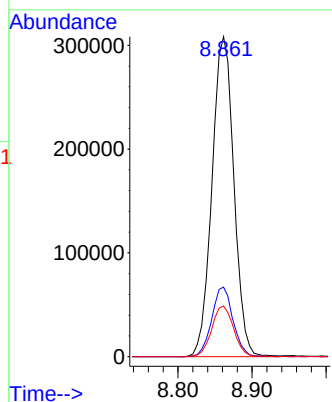
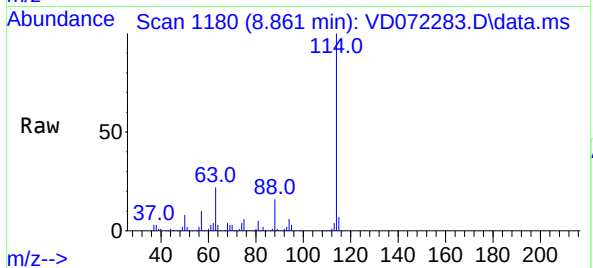
Tgt Ion:114 Resp: 631627

Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.296 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072283.D

Acq: 18 Mar 2022 12:00

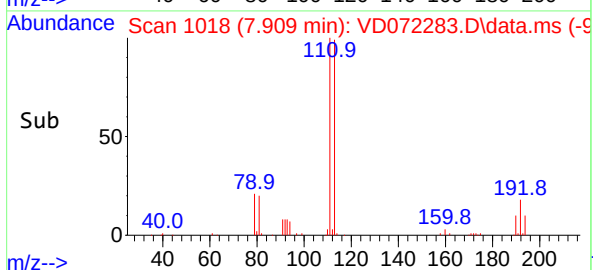
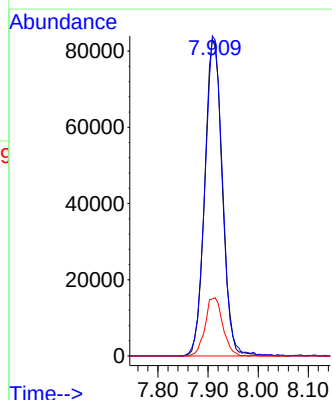
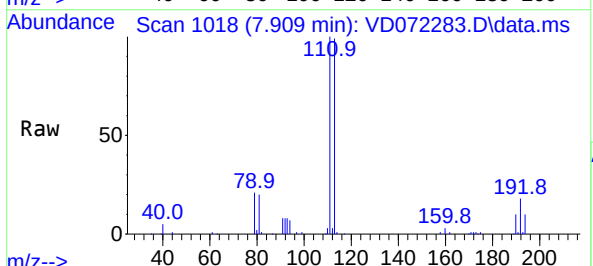
Tgt Ion:113 Resp: 201332

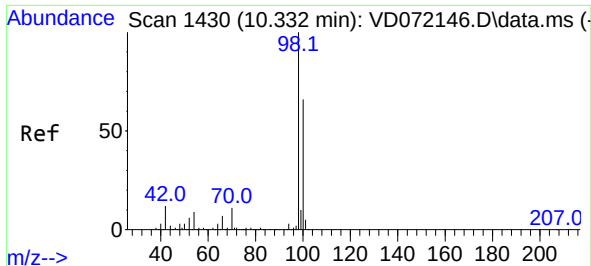
Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 18.6 14.6 21.8

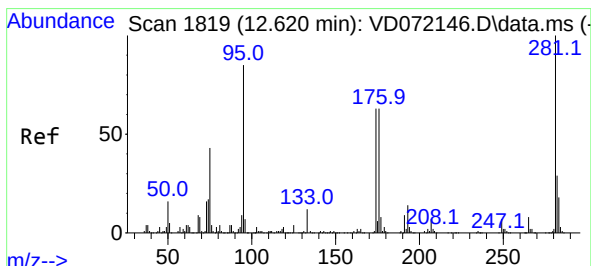
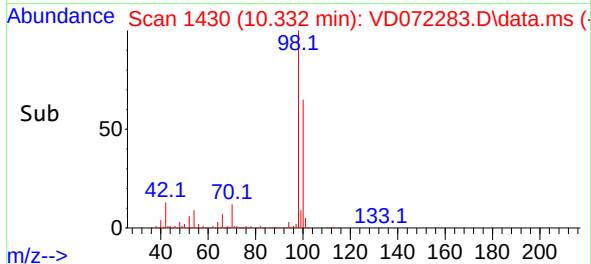
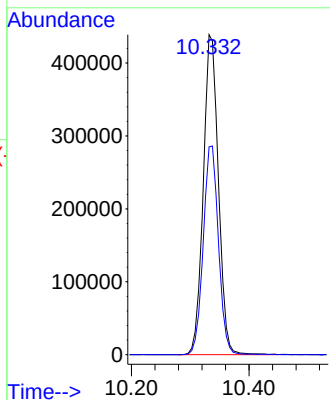
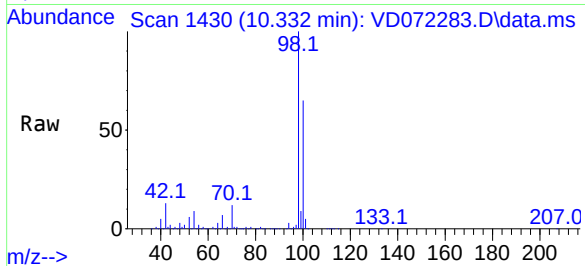




#50
Toluene-d8
Concen: 48.388 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

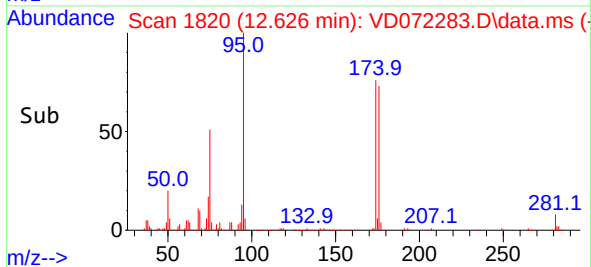
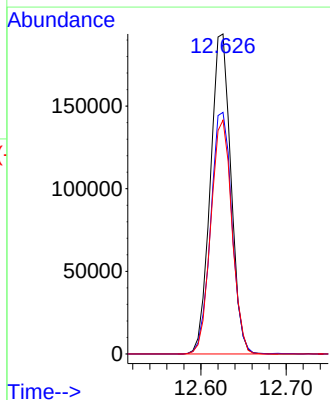
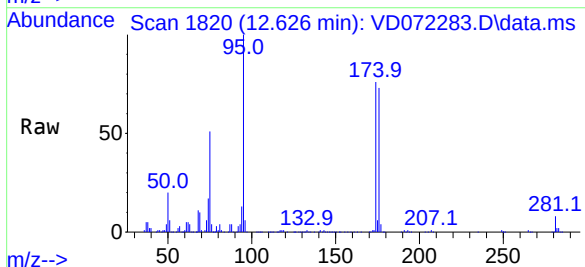
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

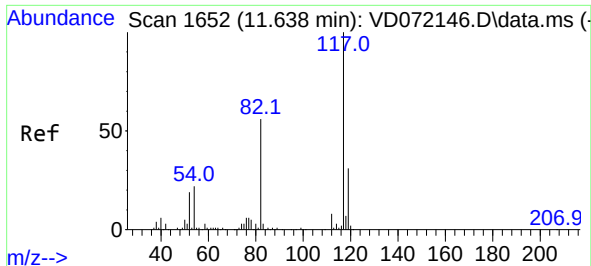
Tgt Ion: 98 Resp: 786422
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.282 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

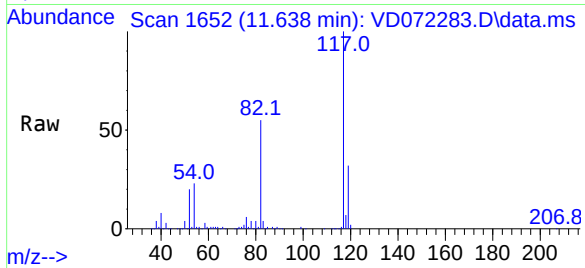
Tgt Ion: 95 Resp: 323843
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 74.9 0.0 145.4



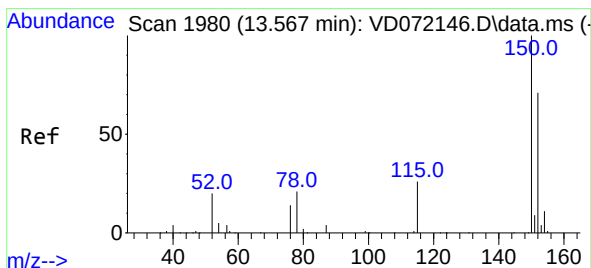
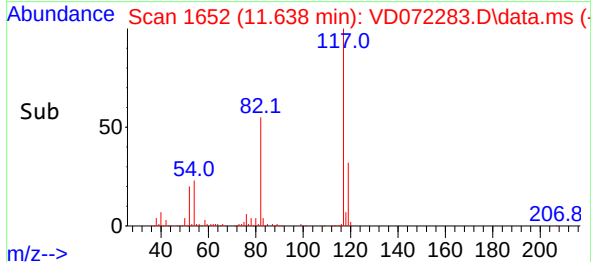
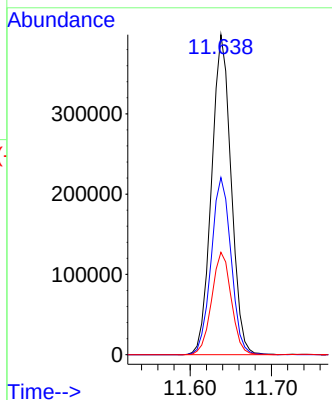


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072283.D
Acq: 18 Mar 2022 12:00

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01



Tgt Ion:117 Resp: 667707
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.0 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: VD072283.D
Acq: 18 Mar 2022 12:00

Tgt Ion:152 Resp: 337601
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 157.1 0.0 348.6

