

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072720.D
 Acq On : 28 Apr 2022 12:34
 Operator : VA/SY
 Sample : VD0428SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0428SBL01

Quant Time: Apr 29 01:21:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	396070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	748409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	692145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	302403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238909	45.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.860%
35) Dibromofluoromethane	7.908	113	241021	48.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.332	98	887490	49.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.620	95	304559	44.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.880%

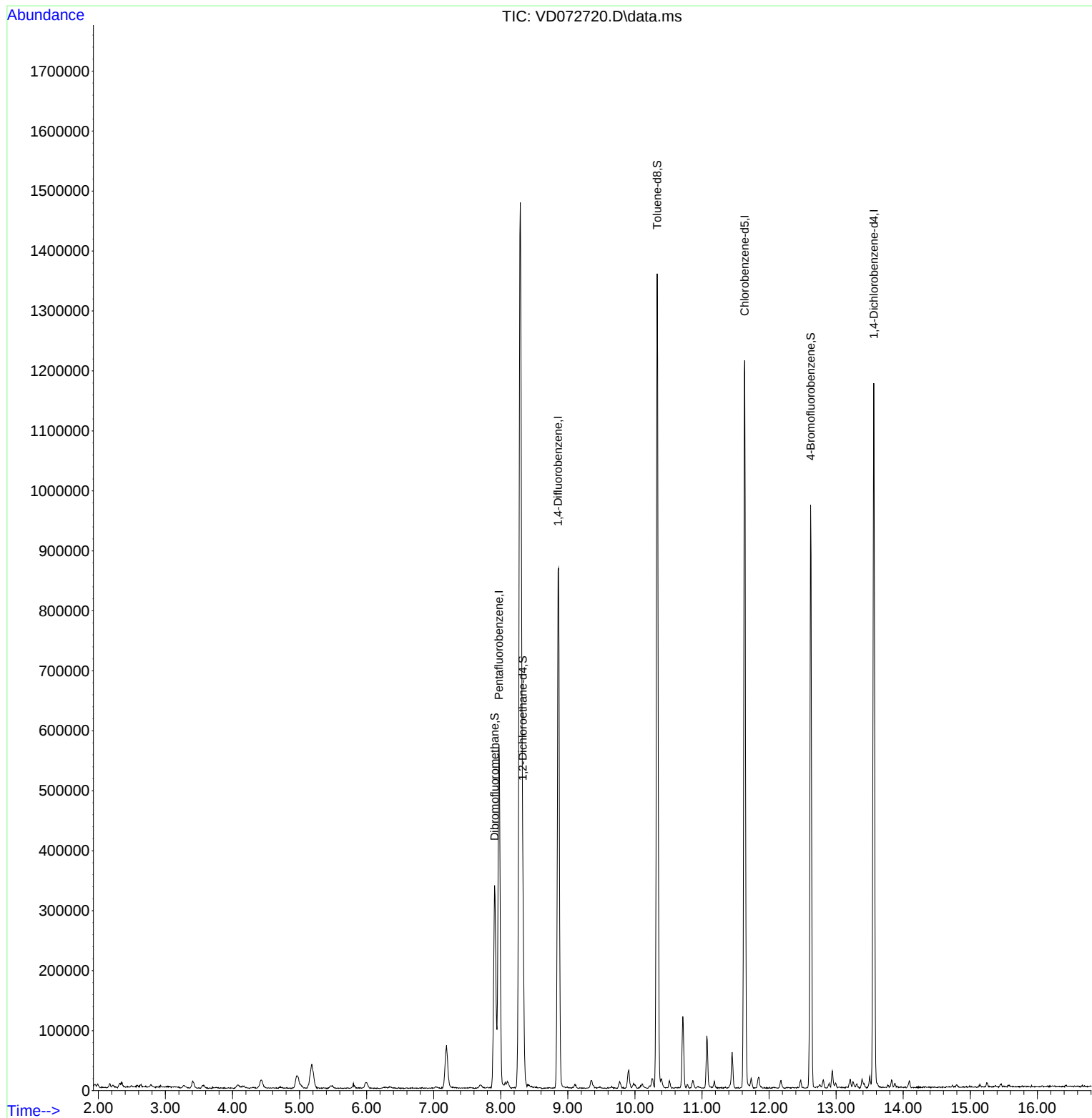
Target Compounds	Qvalue

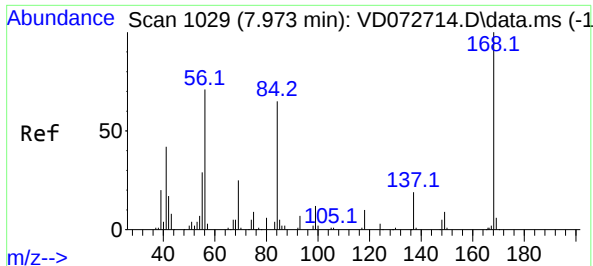
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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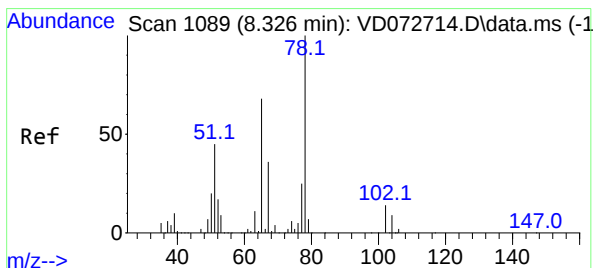
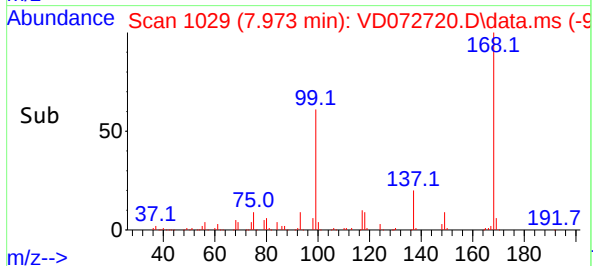
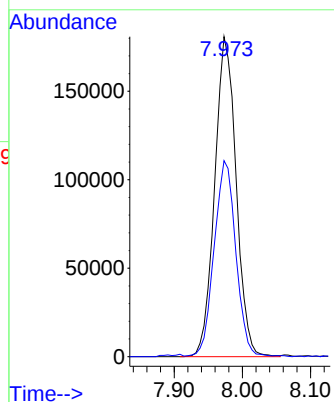
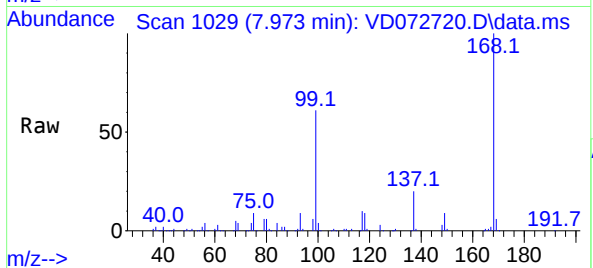




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

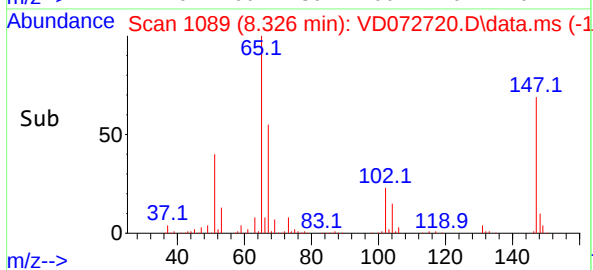
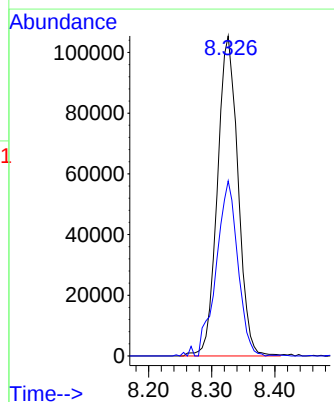
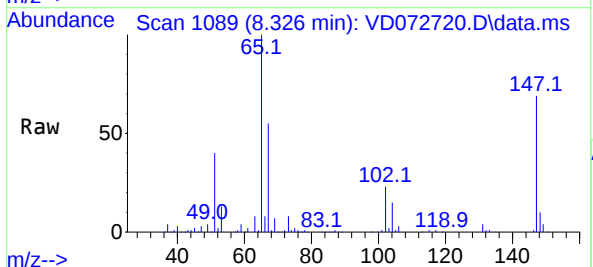
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

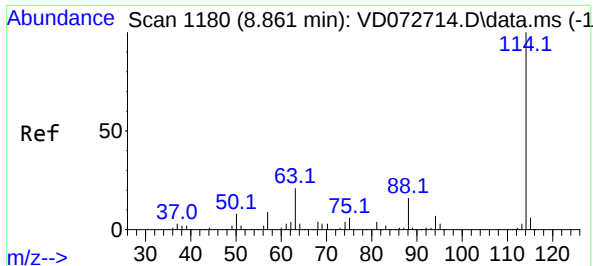
Tgt Ion:168 Resp: 396070
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.433 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion: 65 Resp: 238909
Ion Ratio Lower Upper
65 100
67 57.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072720.D

Acq: 28 Apr 2022 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0428SBL01

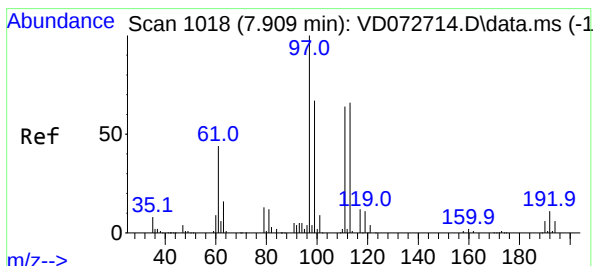
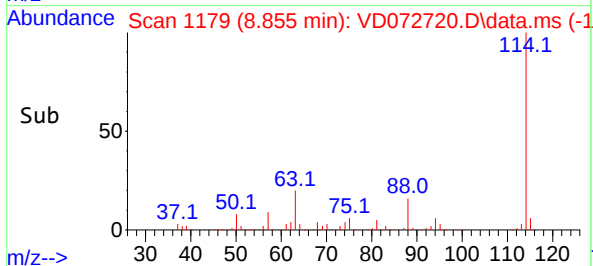
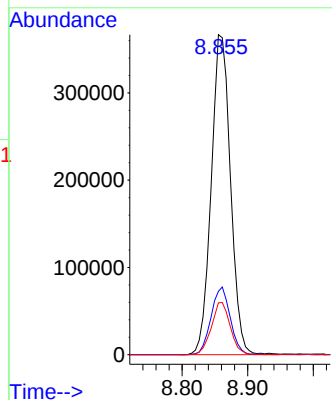
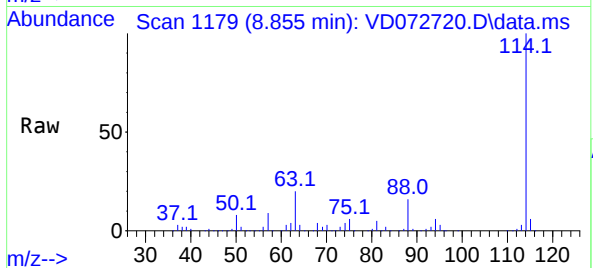
Tgt Ion:114 Resp: 748409

Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.359 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072720.D

Acq: 28 Apr 2022 12:34

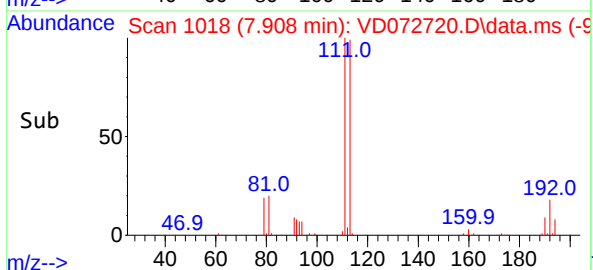
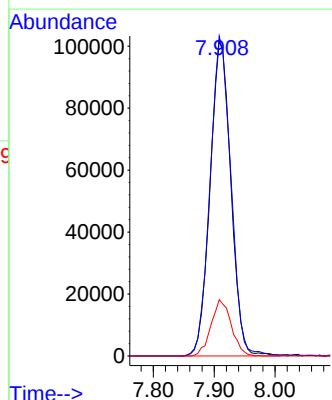
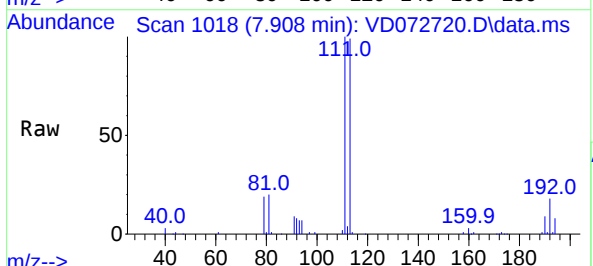
Tgt Ion:113 Resp: 241021

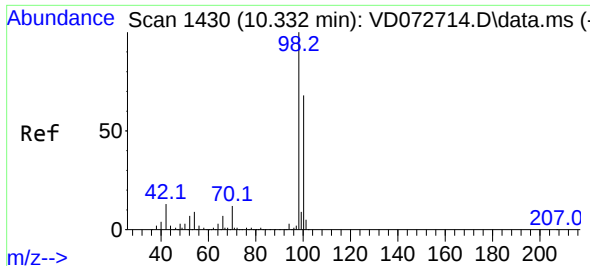
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.4 14.6 21.8

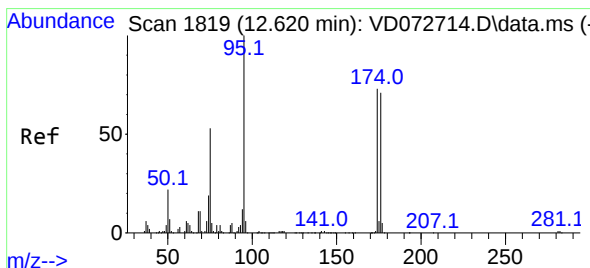
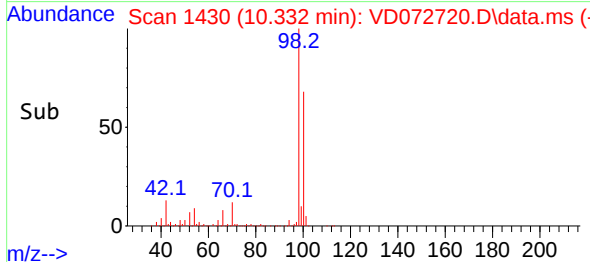
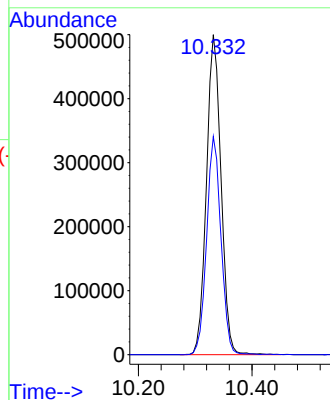
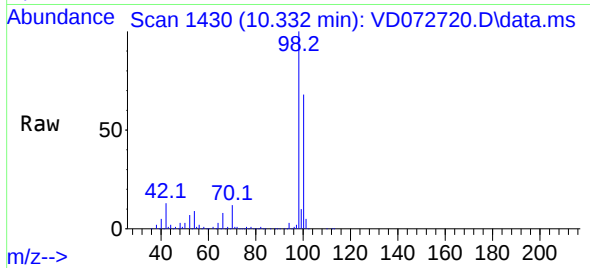




#50
Toluene-d8
Concen: 49.392 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

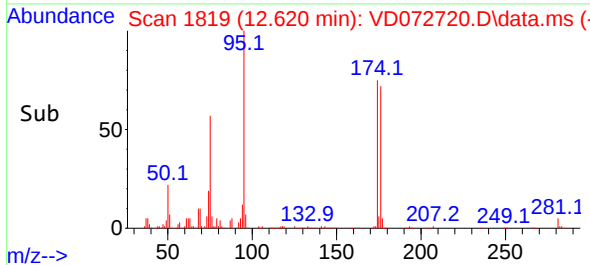
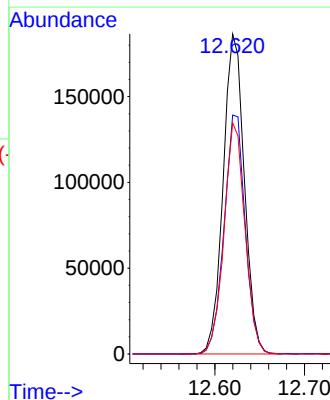
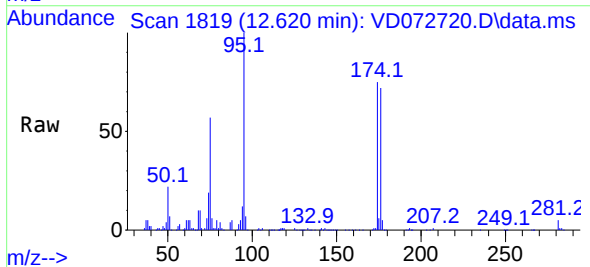
Instrument :
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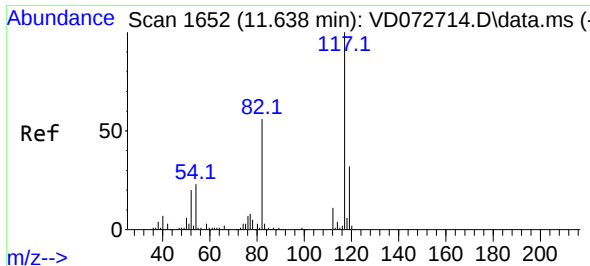
Tgt Ion: 98 Resp: 887490
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.943 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion: 95 Resp: 304559
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 71.7 0.0 145.4

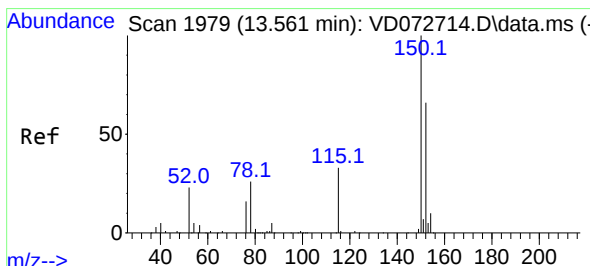
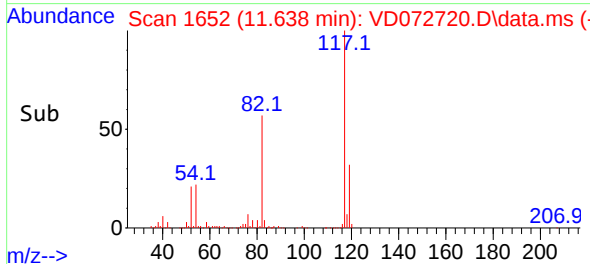
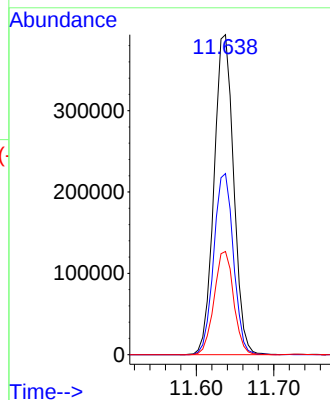
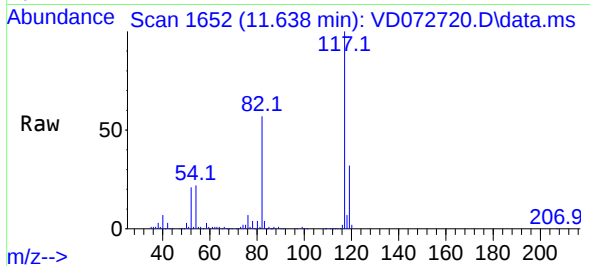




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

Tgt Ion:117 Resp: 692145
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion:152 Resp: 302403
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 157.7 0.0 348.6

