

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072496.D
 Acq On : 01 Apr 2022 12:07
 Operator : VA/SY
 Sample : VD0401SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0401SBL01

Quant Time: Apr 02 02:35:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	472204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	851900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	885925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	433515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246659	43.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.360%
35) Dibromofluoromethane	7.909	113	269458	40.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.400%
50) Toluene-d8	10.332	98	1028714	44.701	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.400%
62) 4-Bromofluorobenzene	12.626	95	414135	46.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.160%

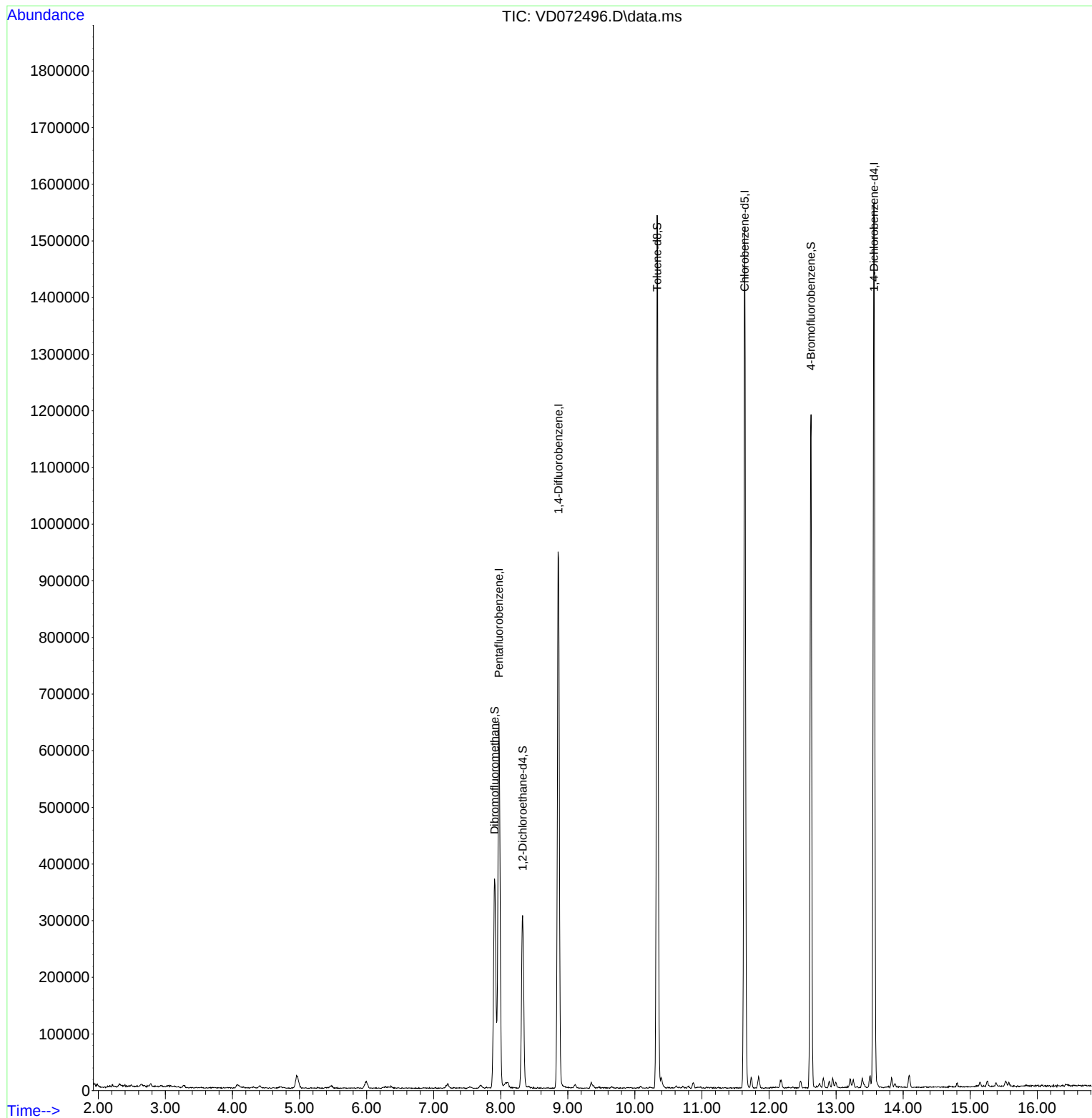
Target Compounds	Qvalue

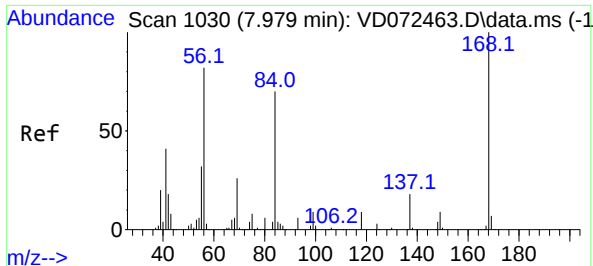
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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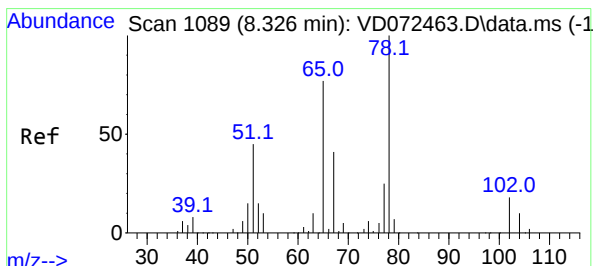
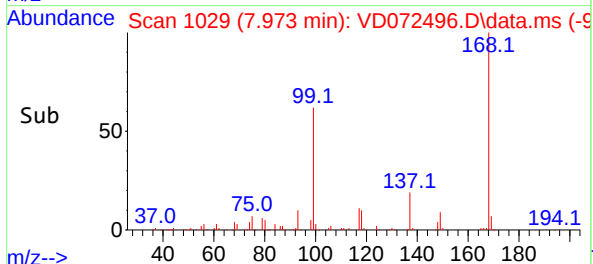
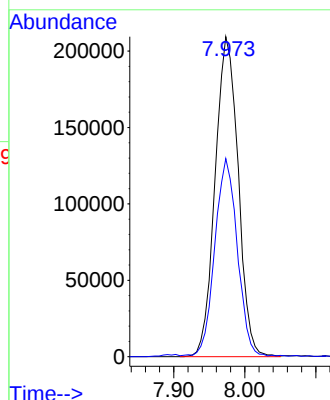
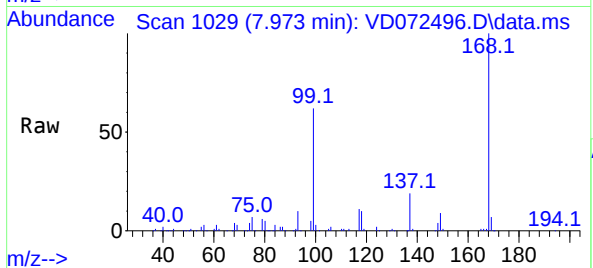




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

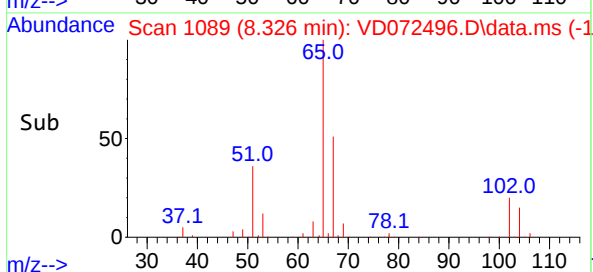
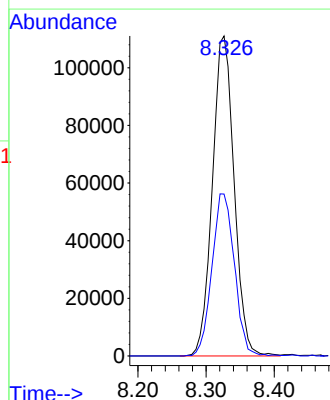
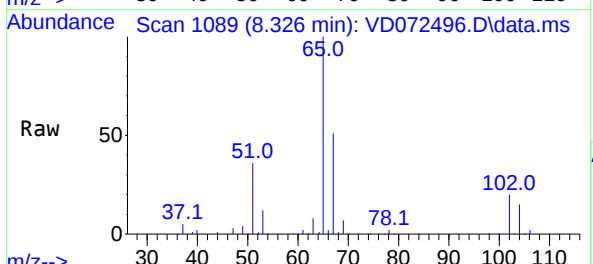
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

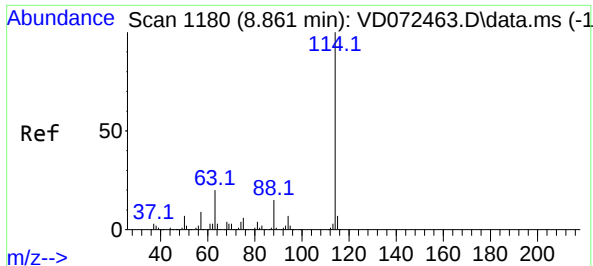
Tgt Ion:168 Resp: 472204
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 43.181 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion: 65 Resp: 246659
Ion Ratio Lower Upper
65 100
67 52.4 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: VD072496.D

Acq: 01 Apr 2022 12:07

Instrument :

MSVOA_D

ClientSampleId :

VD0401SBL01

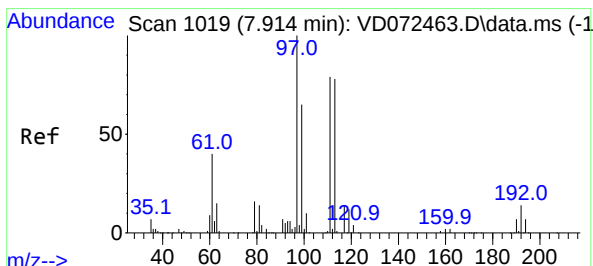
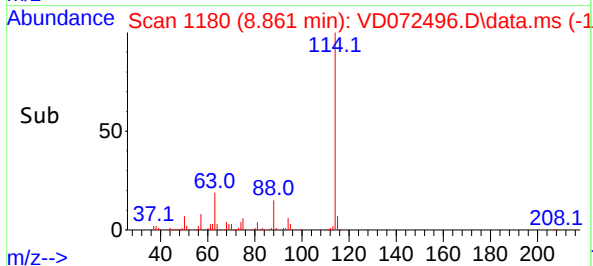
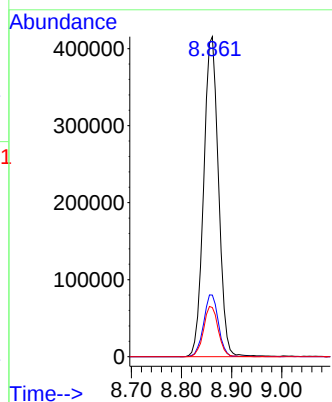
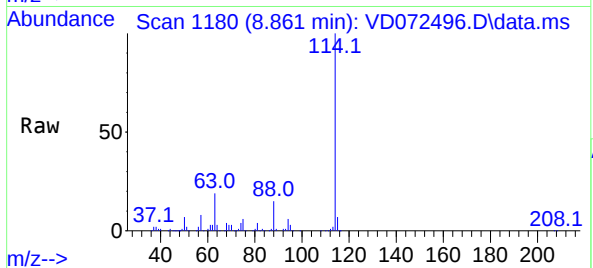
Tgt Ion:114 Resp: 851900

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 40.701 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072496.D

Acq: 01 Apr 2022 12:07

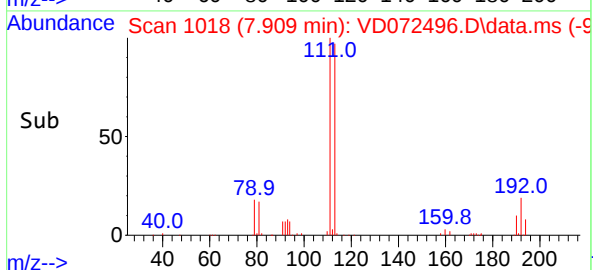
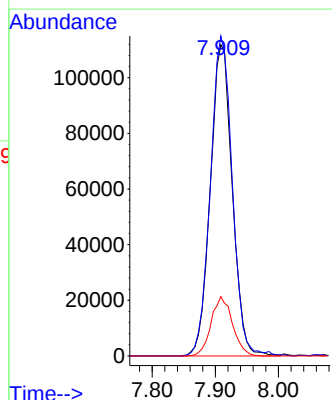
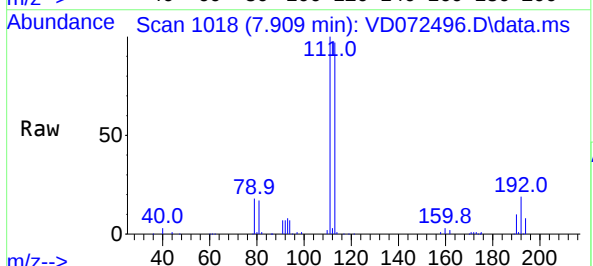
Tgt Ion:113 Resp: 269458

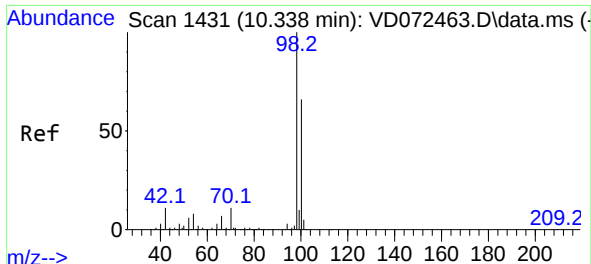
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.6 14.6 21.8

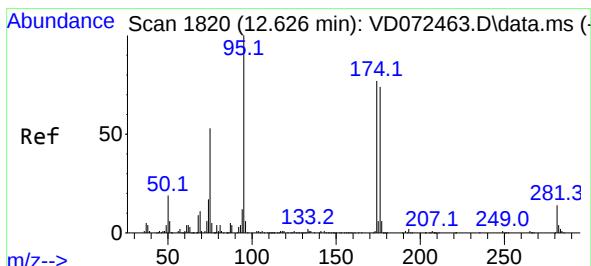
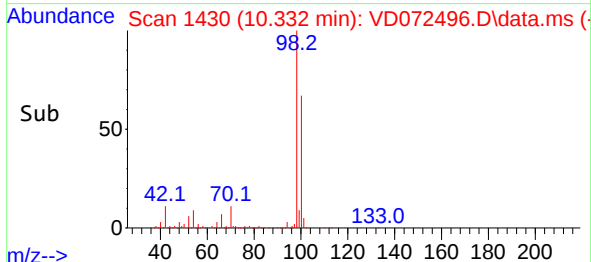
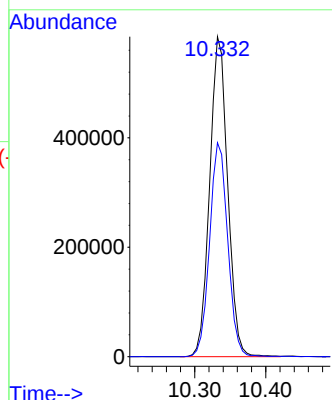
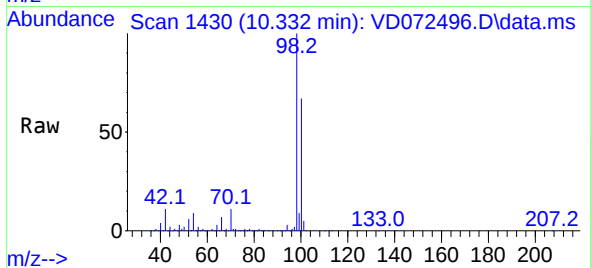




#50
Toluene-d8
Concen: 44.701 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

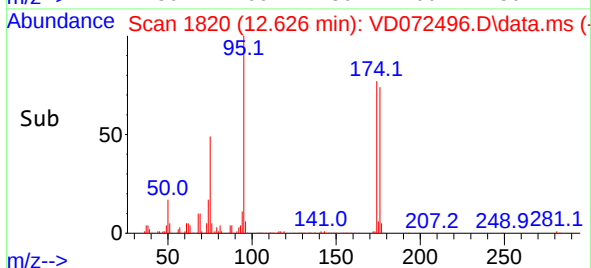
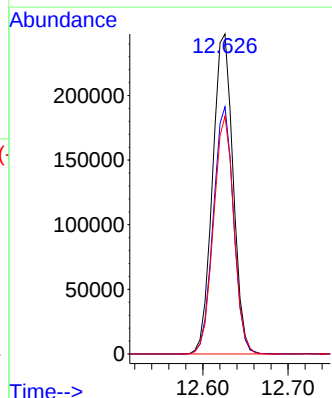
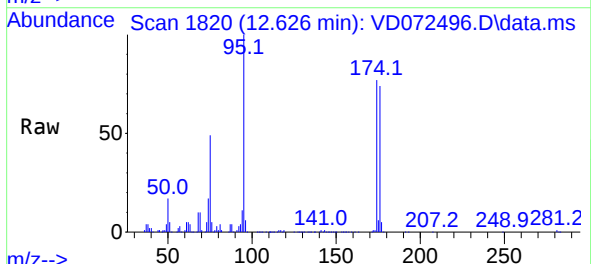
Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01

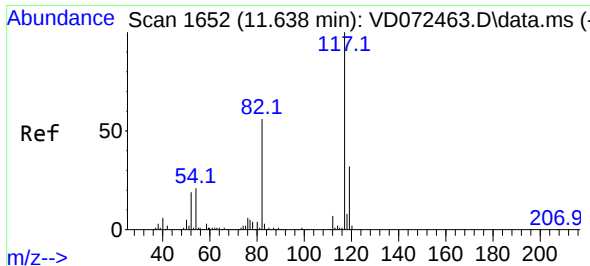
Tgt Ion: 98 Resp: 1028714
Ion Ratio Lower Upper
98 100
100 67.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.078 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

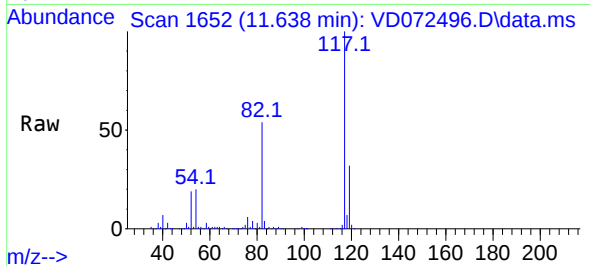
Tgt Ion: 95 Resp: 414135
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 73.4 0.0 145.4



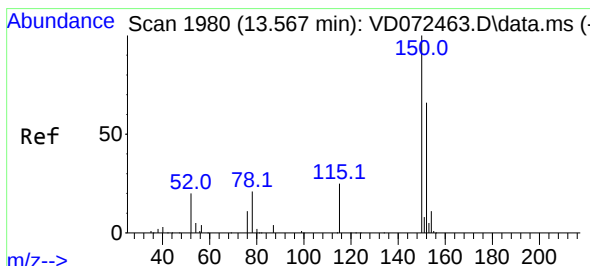
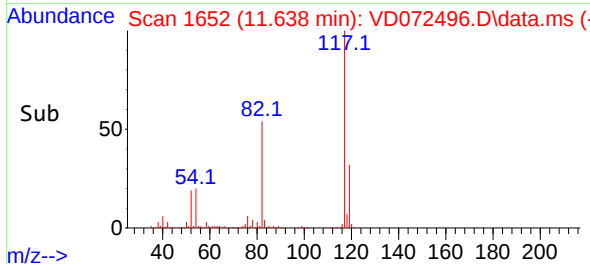
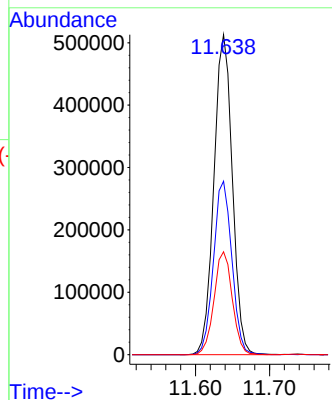


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072496.D
Acq: 01 Apr 2022 12:07

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBL01



Tgt Ion:117 Resp: 885925
Ion Ratio Lower Upper
117 100
82 54.2 45.3 67.9
119 32.2 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: VD072496.D
Acq: 01 Apr 2022 12:07

Tgt Ion:152 Resp: 433515
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 156.8 0.0 348.6

