

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073206.D
 Acq On : 21 May 2022 02:06
 Operator : VA/SY
 Sample : N2885-08
 Misc : 3.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS005-0006-01

Quant Time: May 21 03:54:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	289582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	513850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	520157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	199997	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	164391	51.368	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.740%
35) Dibromofluoromethane	7.909	113	173307	51.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.220%
50) Toluene-d8	10.332	98	634269	50.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.620	95	209123	47.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.340%

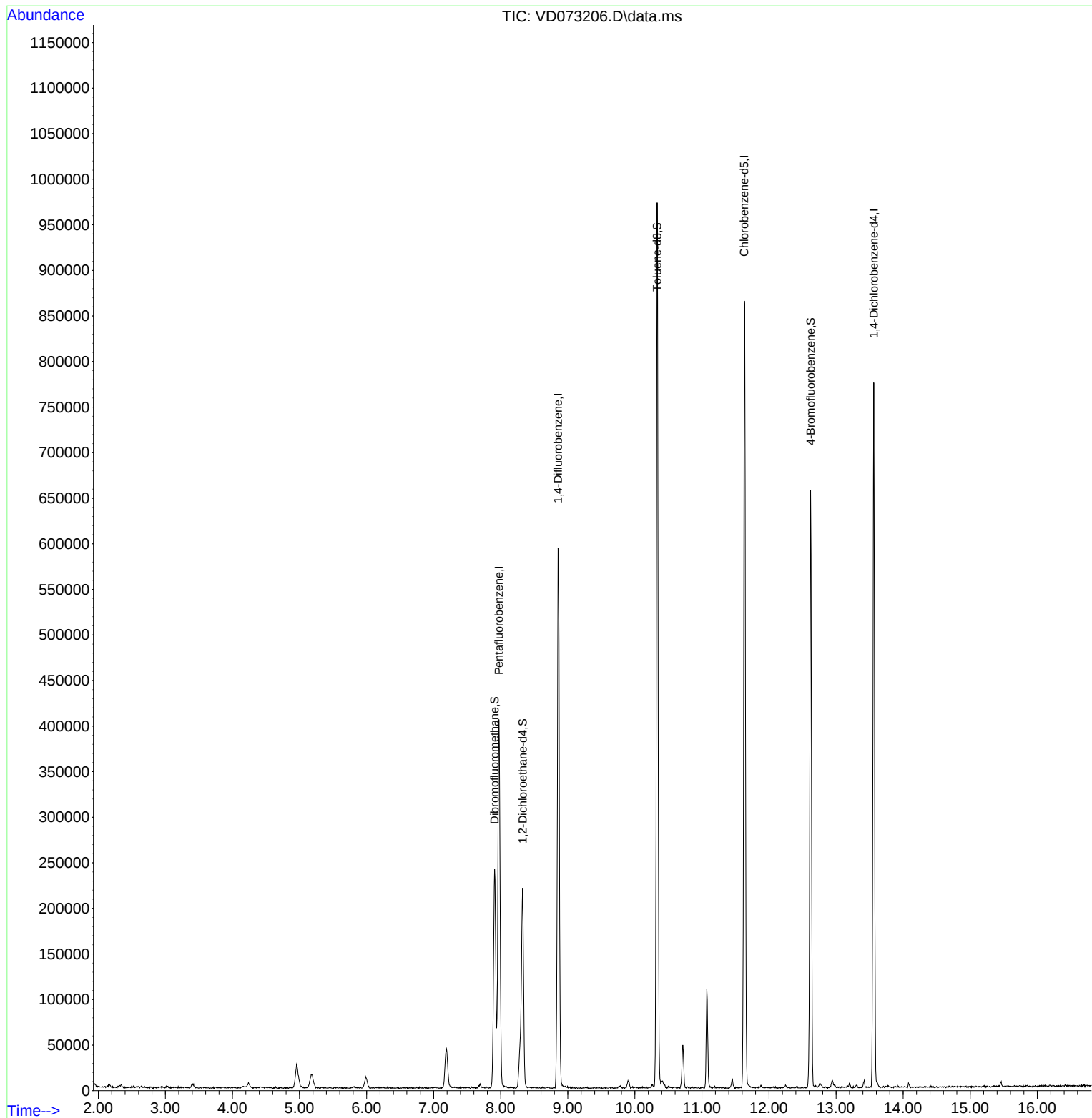
Target Compounds	Qvalue

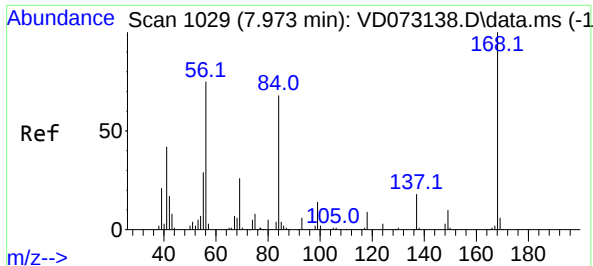
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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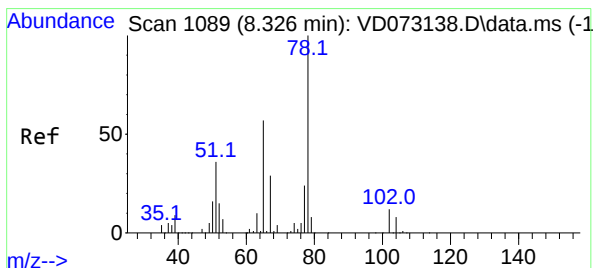
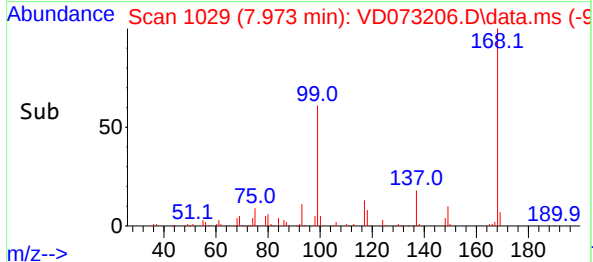
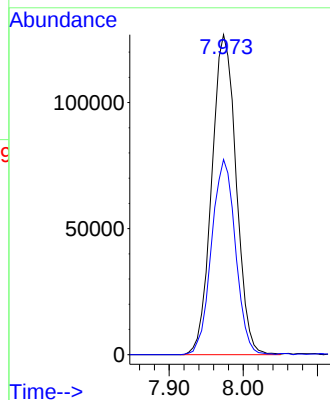
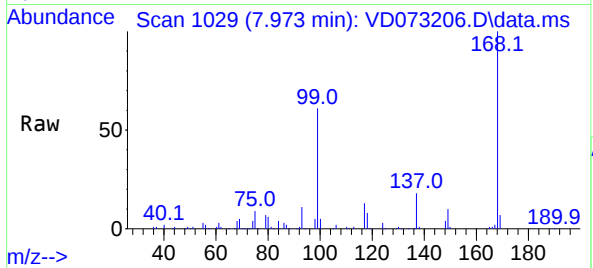




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073206.D
Acq: 21 May 2022 02:06

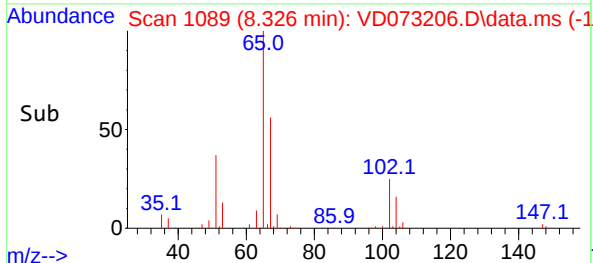
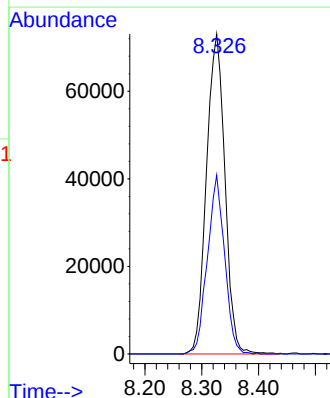
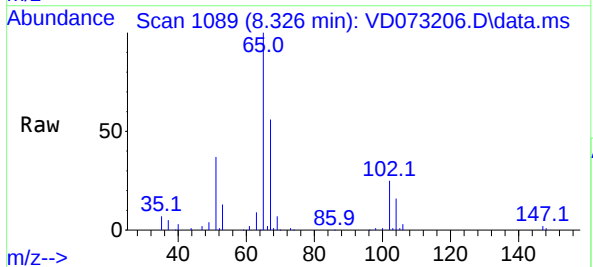
Instrument :
MSVOA_D
ClientSampleId :
P004-SS005-0006-01

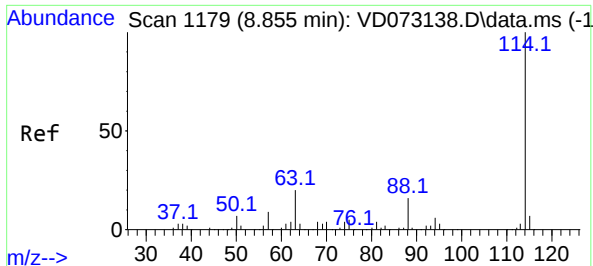
Tgt Ion:168 Resp: 289582
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 51.368 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073206.D
Acq: 21 May 2022 02:06

Tgt Ion: 65 Resp: 164391
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073206.D

Acq: 21 May 2022 02:06

Instrument :

MSVOA_D

ClientSampleId :

P004-SS005-0006-01

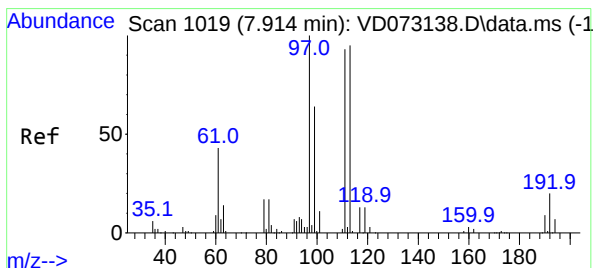
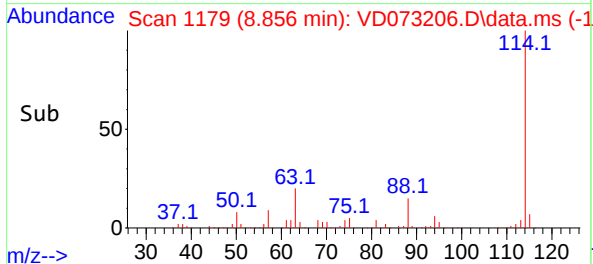
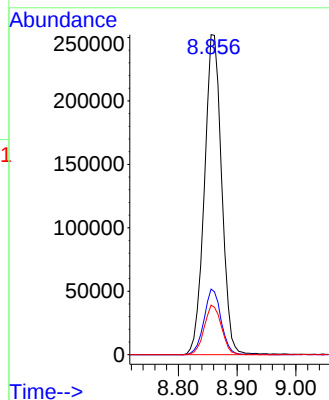
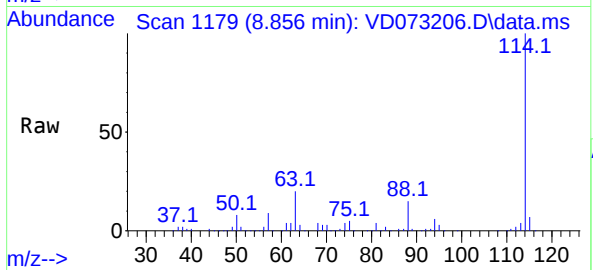
Tgt Ion:114 Resp: 513850

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.112 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073206.D

Acq: 21 May 2022 02:06

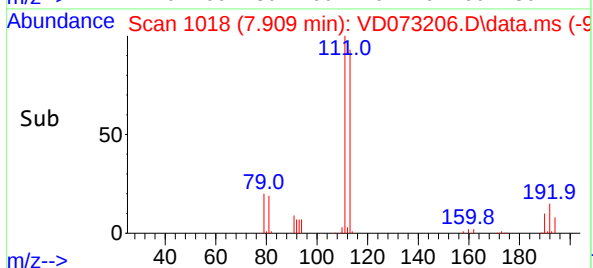
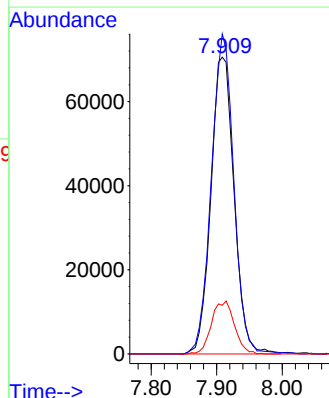
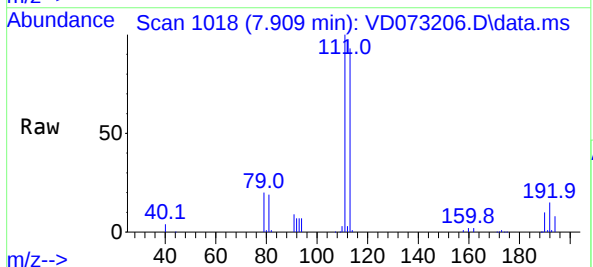
Tgt Ion:113 Resp: 173307

Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 17.6 14.6 21.8

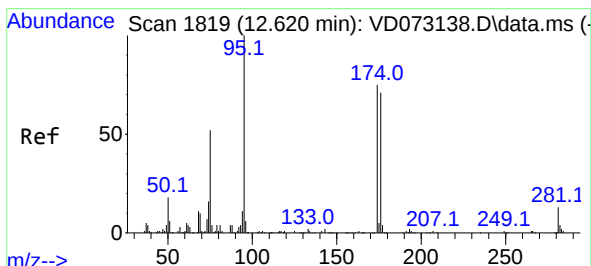
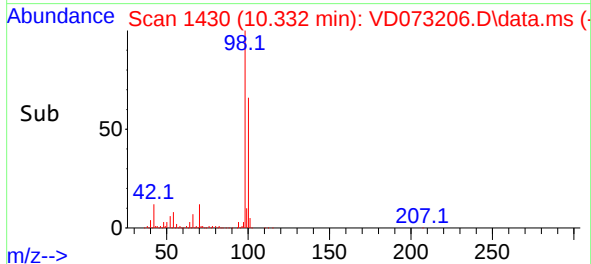
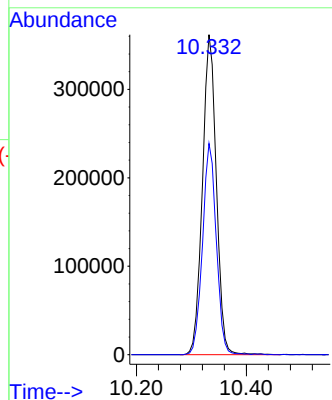
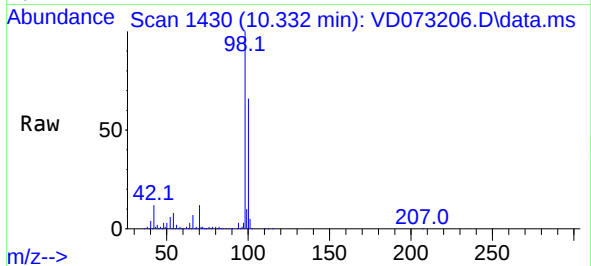




#50
Toluene-d8
Concen: 50.745 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073206.D
Acq: 21 May 2022 02:06

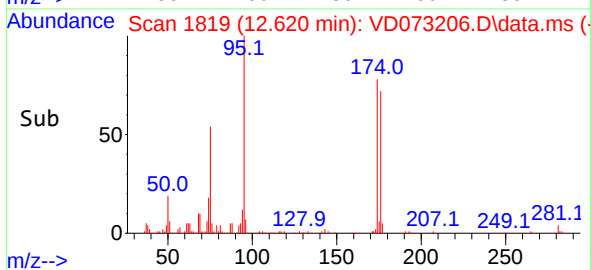
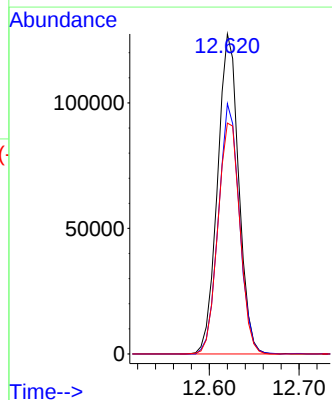
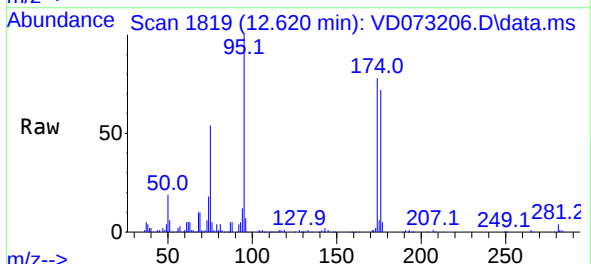
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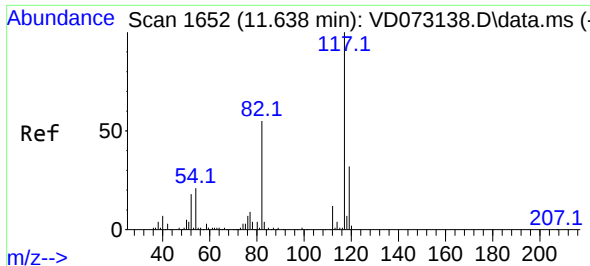
Tgt Ion: 98 Resp: 634269
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.675 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073206.D
Acq: 21 May 2022 02:06

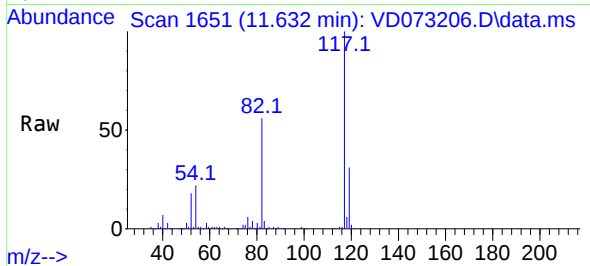
Tgt Ion: 95 Resp: 209123
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 74.9 0.0 145.4



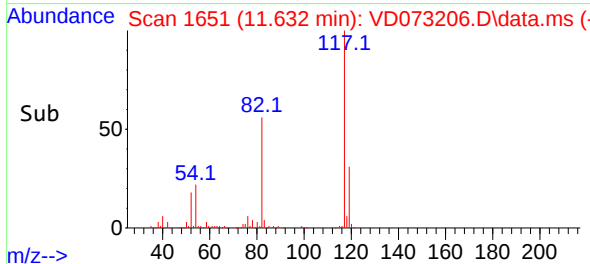
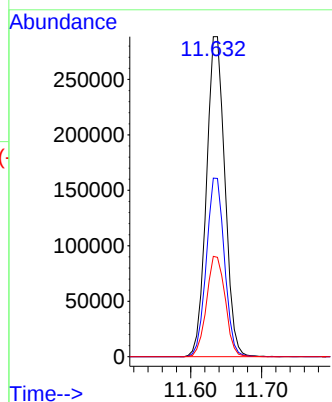


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073206.D
Acq: 21 May 2022 02:06

Instrument :
MSVOA_D
ClientSampleId :
P004-SS005-0006-01



Tgt Ion:117 Resp: 520157
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 31.3 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: VD073206.D
Acq: 21 May 2022 02:06

Tgt Ion:152 Resp: 199997
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 159.2 0.0 348.6

