

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040422\
 Data File : VD072512.D
 Acq On : 04 Apr 2022 11:20
 Operator : VA/SY
 Sample : VD0404SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0402

Quant Time: Apr 05 03:18:00 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	540055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	988753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	926133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	430683	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	302094	46.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.480%
35) Dibromofluoromethane	7.914	113	325079	42.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.620%
50) Toluene-d8	10.332	98	1185285	44.376	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.760%
62) 4-Bromofluorobenzene	12.626	95	409268	39.234	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.460%

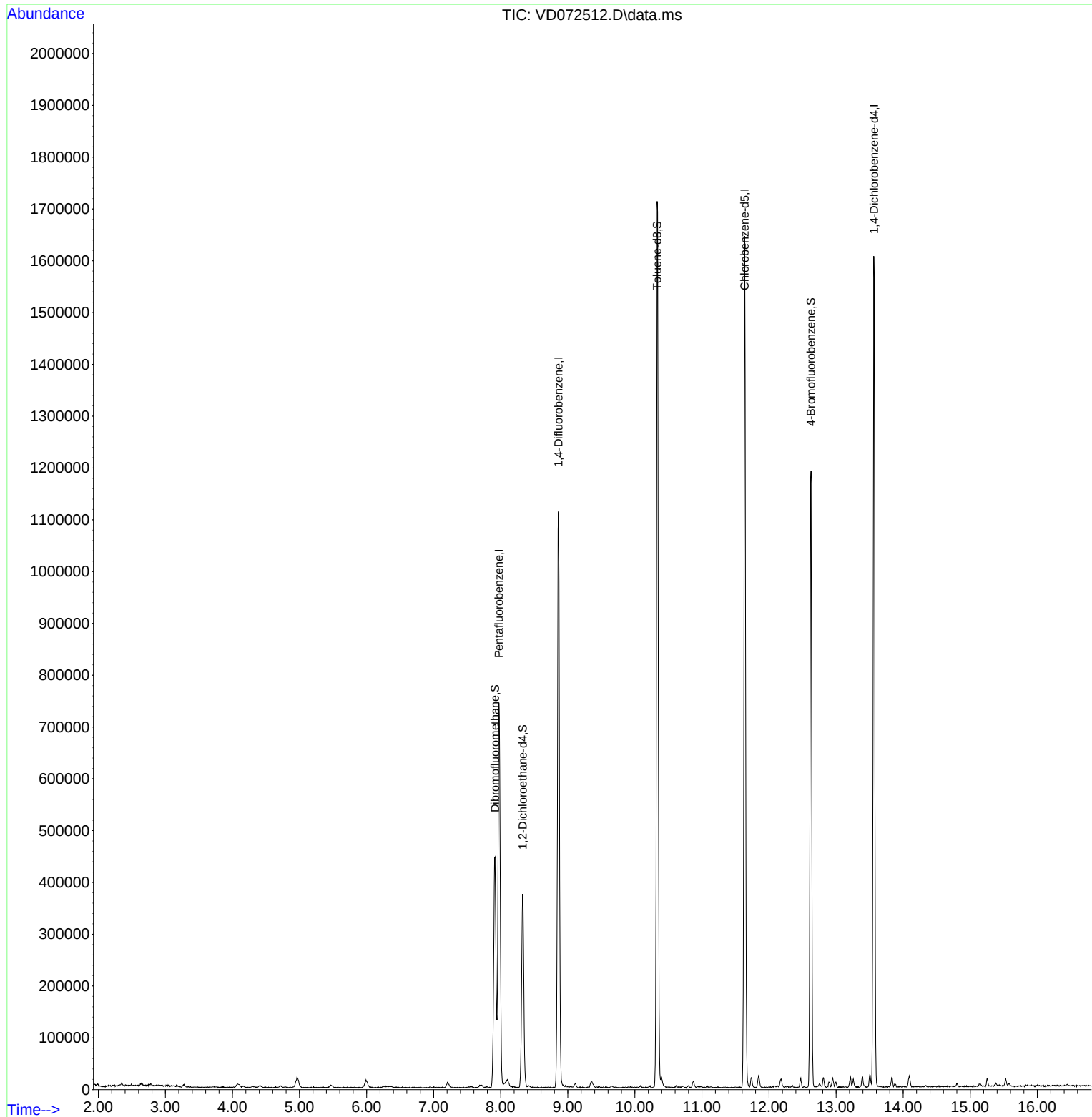
Target Compounds	Qvalue

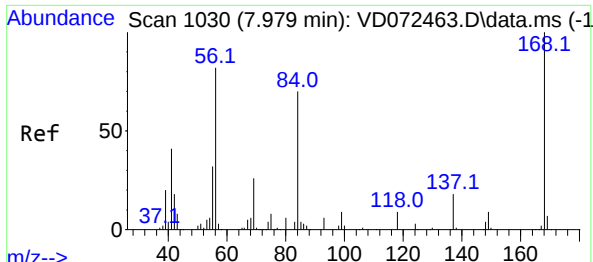
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072512.D

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Instrument :

MSVOA_D

ClientSampleId :

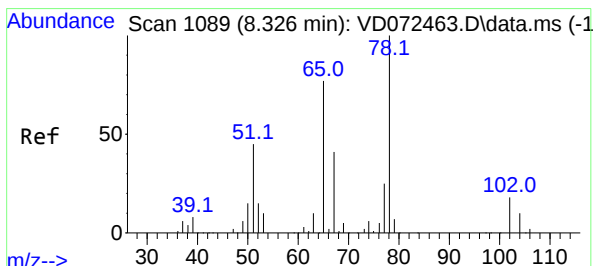
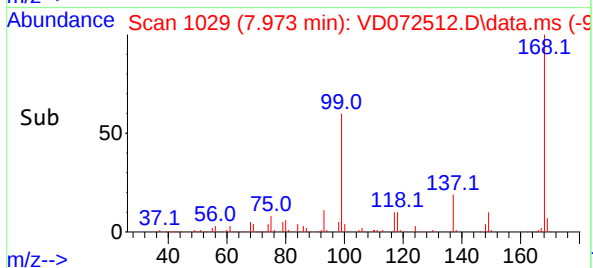
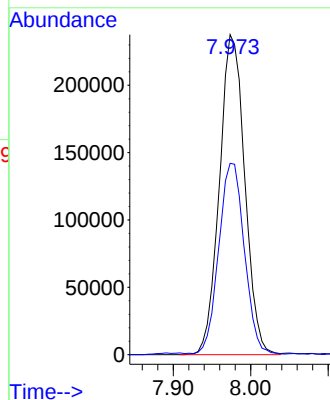
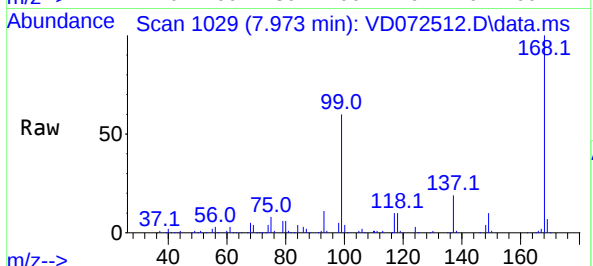
VD0402

Tgt Ion:168 Resp: 540055

Ion Ratio Lower Upper

168 100

99 59.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.241 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072512.D

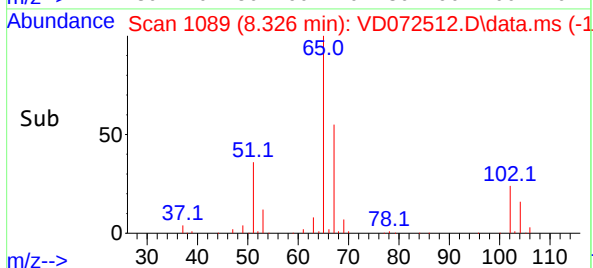
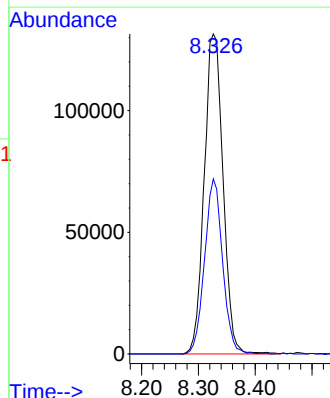
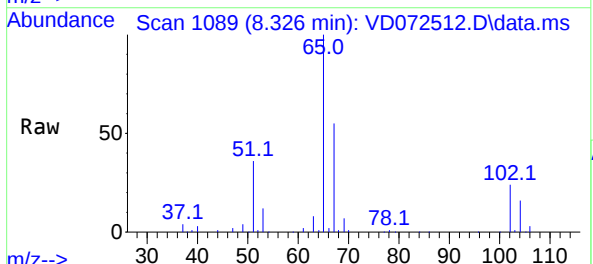
Acq: 04 Apr 2022 11:20

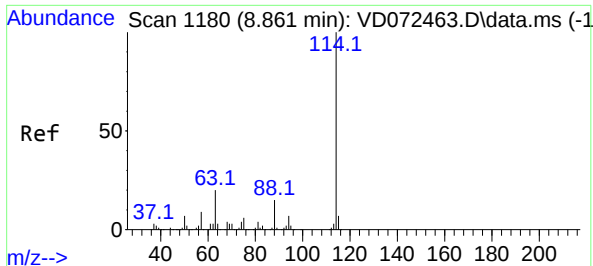
Tgt Ion: 65 Resp: 302094

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



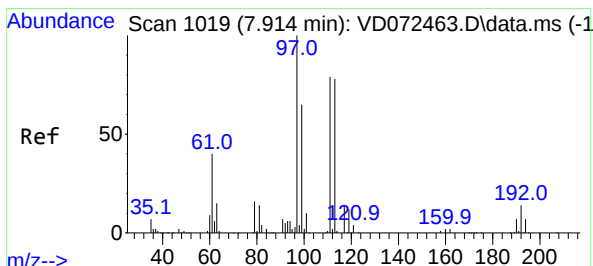
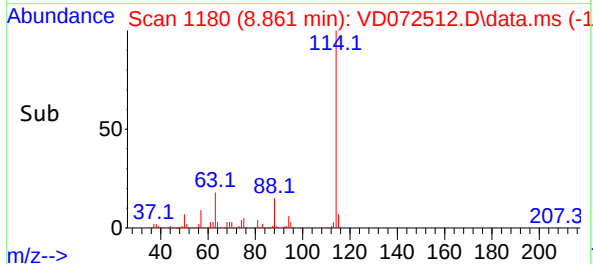
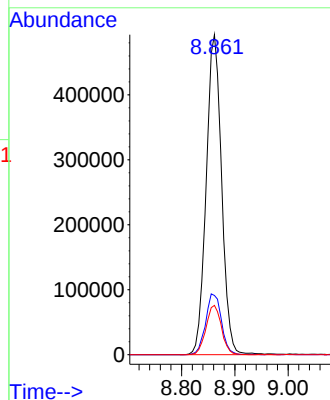
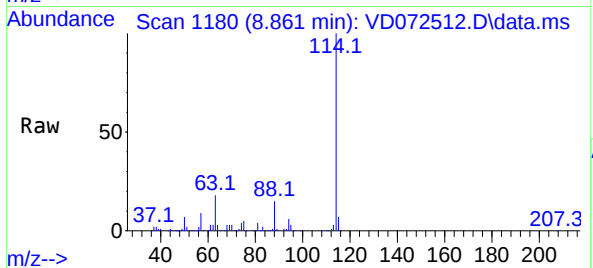


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072512.D
Acq: 04 Apr 2022 11:20

Instrument :
MSVOA_D
ClientSampleId :
VD0402

Tgt Ion:114 Resp: 988753

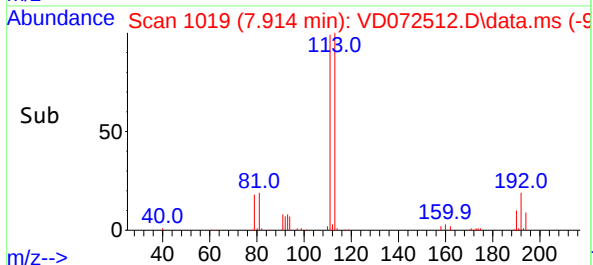
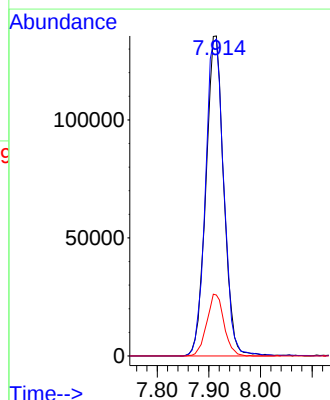
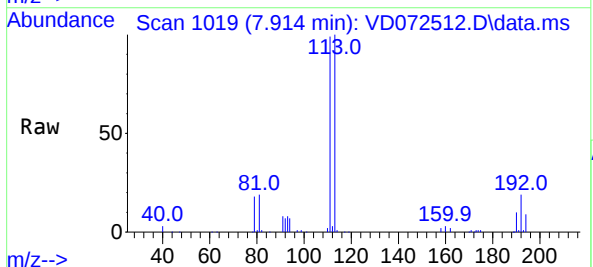
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	46.6
88	15.4	0.0	33.2

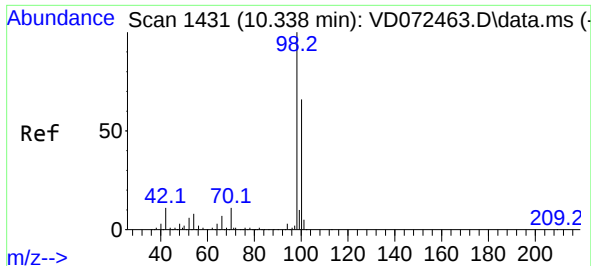


#35
Dibromofluoromethane
Concen: 42.306 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD072512.D
Acq: 04 Apr 2022 11:20

Tgt Ion:113 Resp: 325079

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.8	125.6
192	18.7	14.6	21.8

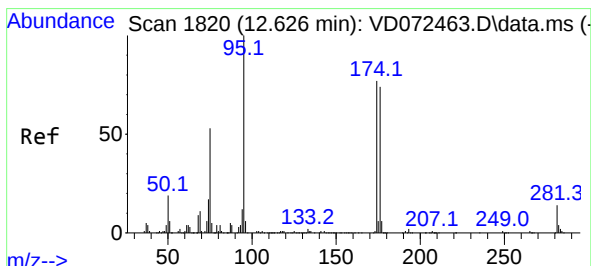
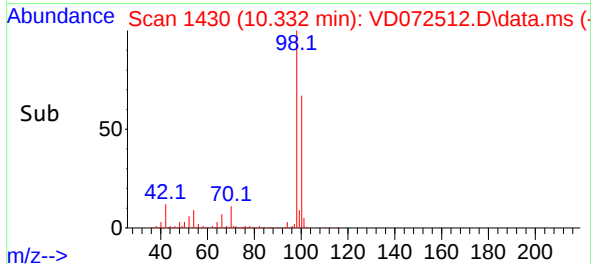
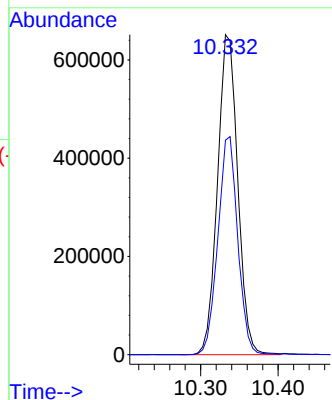
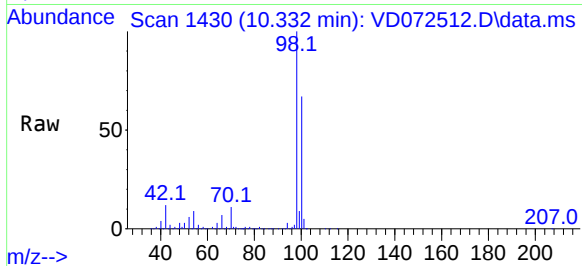




#50
Toluene-d8
Concen: 44.376 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072512.D
Acq: 04 Apr 2022 11:20

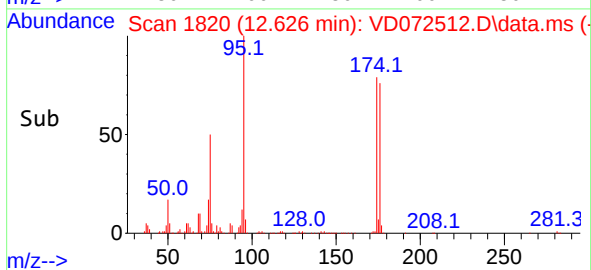
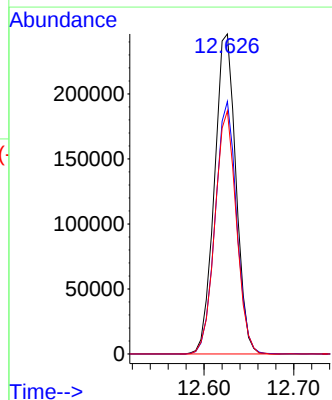
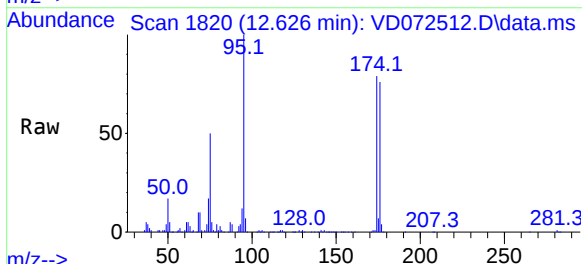
Instrument :
MSVOA_D
ClientSampleId :
VD0402

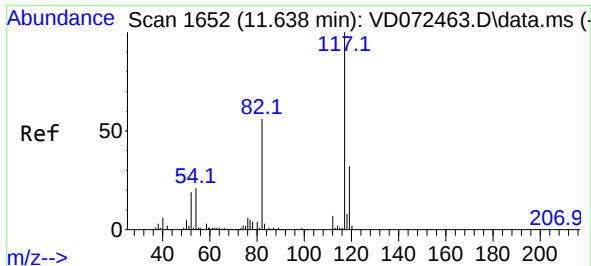
Tgt Ion: 98 Resp: 1185285
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.234 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072512.D
Acq: 04 Apr 2022 11:20

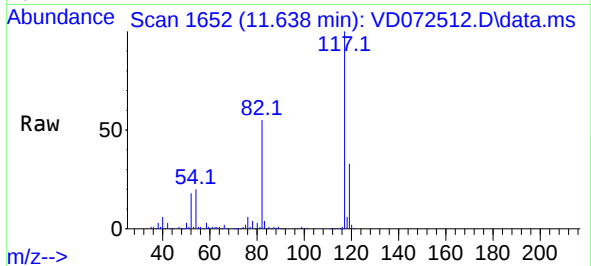
Tgt Ion: 95 Resp: 409268
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 75.6 0.0 145.4



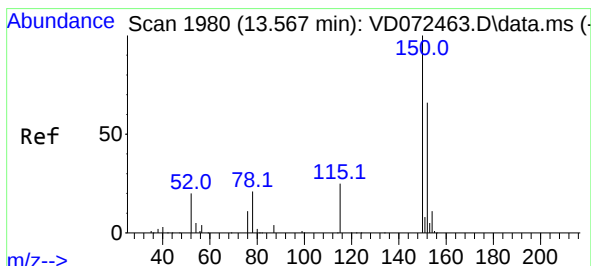
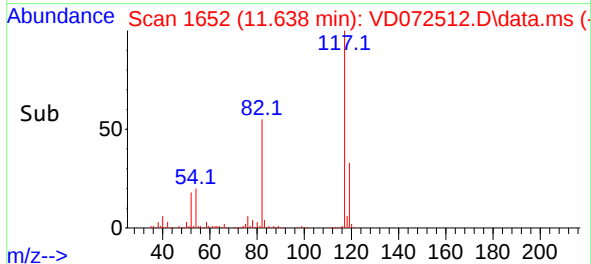
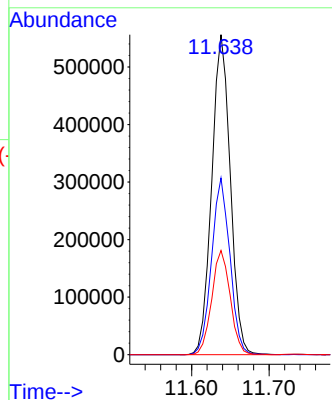


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072512.D
Acq: 04 Apr 2022 11:20

Instrument :
MSVOA_D
ClientSampleId :
VD0402



Tgt Ion:117 Resp: 926133
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 32.6 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: VD072512.D
Acq: 04 Apr 2022 11:20

Tgt Ion:152 Resp: 430683
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 155.8 0.0 348.6

