

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070850.D
 Acq On : 26 Oct 2021 19:53
 Operator : VA/SY
 Sample : M4356-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-221

Quant Time: Oct 27 06:24:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	42528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	75761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	76271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	34770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	38118	89.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	178.240%#
35) Dibromofluoromethane	7.908	113	31115	62.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.580%
50) Toluene-d8	10.338	98	93983	50.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.626	95	32002	51.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.220%

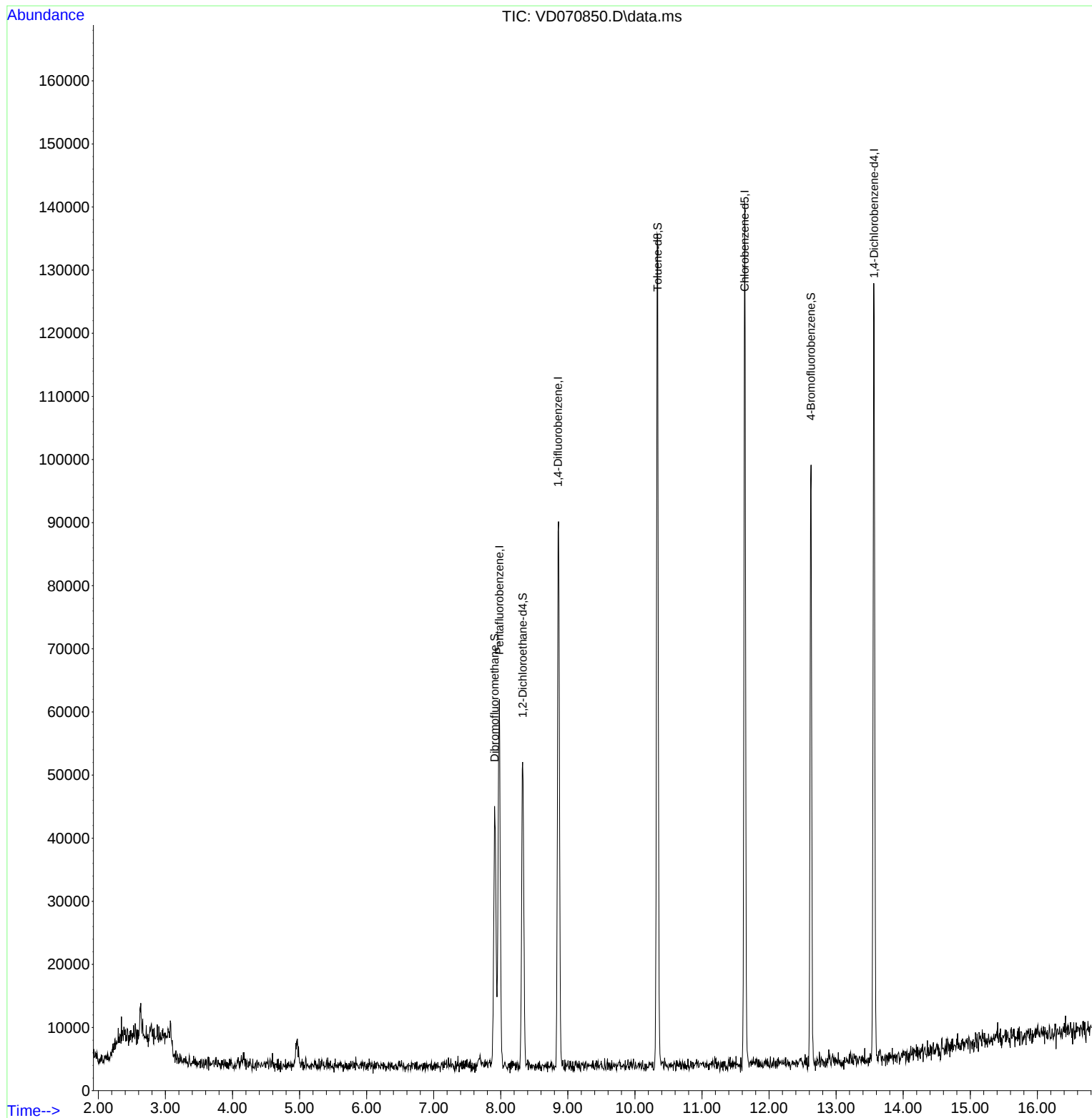
Target Compounds	Qvalue

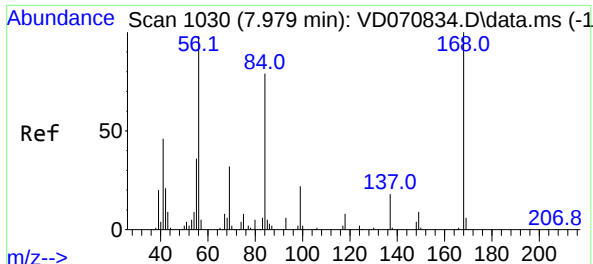
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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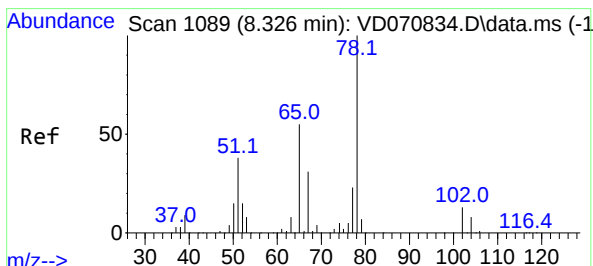
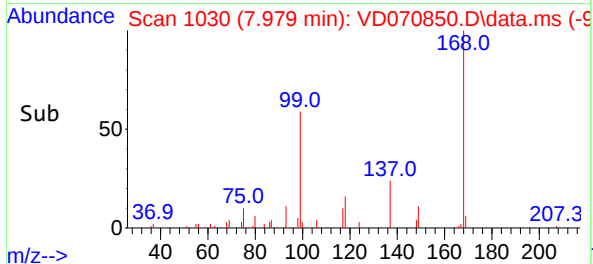
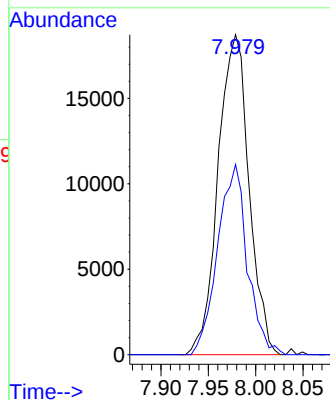
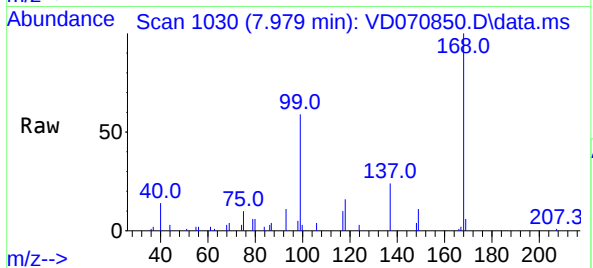




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

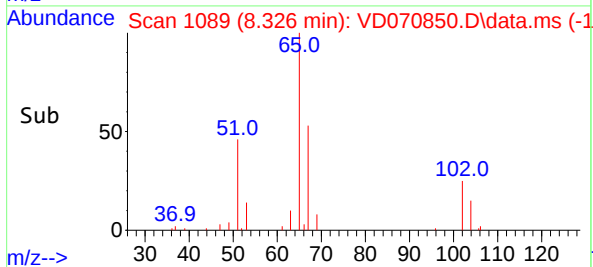
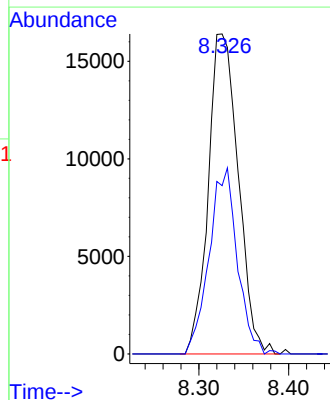
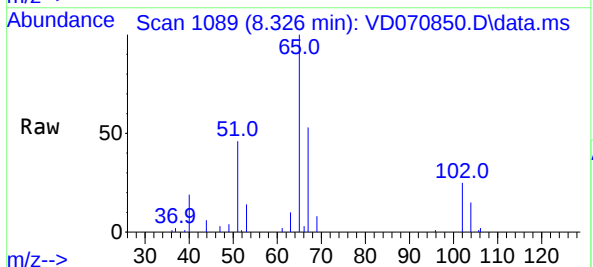
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

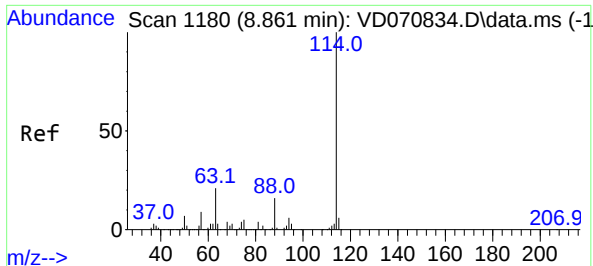
Tgt Ion:168 Resp: 42528
Ion Ratio Lower Upper
168 100
99 59.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 89.118 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion: 65 Resp: 38118
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD070850.D

Acq: 26 Oct 2021 19:53

Instrument :

MSVOA_D

ClientSampleId :

VNJ-221

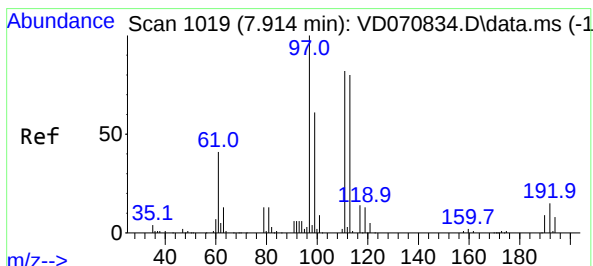
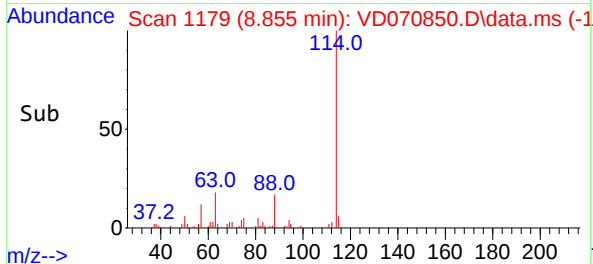
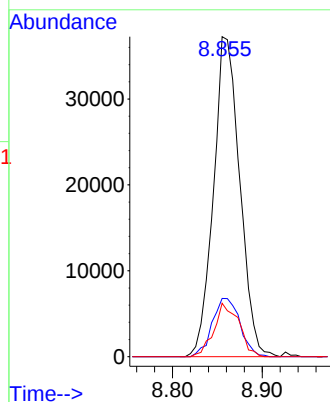
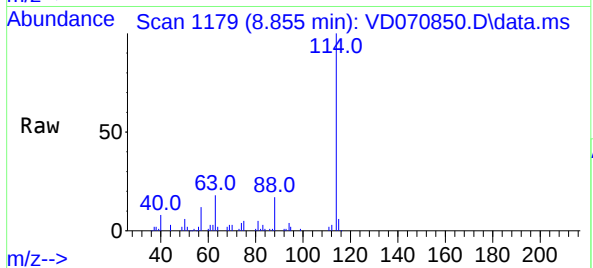
Tgt Ion:114 Resp: 75761

Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 62.289 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070850.D

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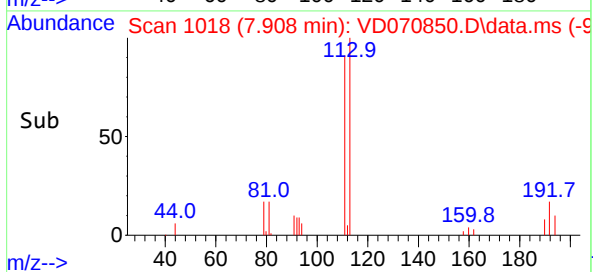
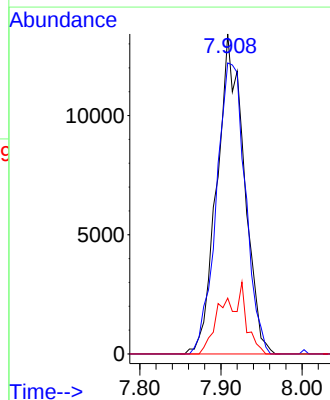
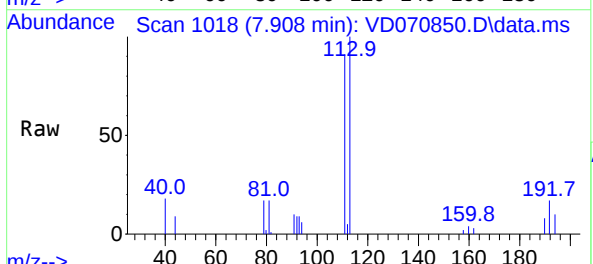
Tgt Ion:113 Resp: 31115

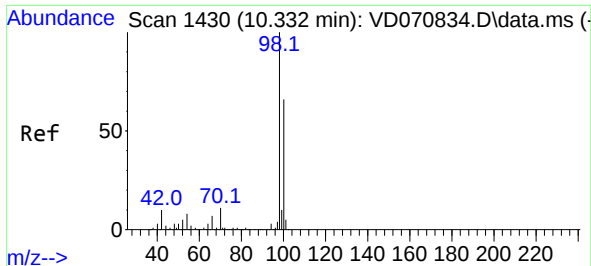
Ion Ratio Lower Upper

113 100

111 96.9 82.0 123.0

192 13.4 15.2 22.8#

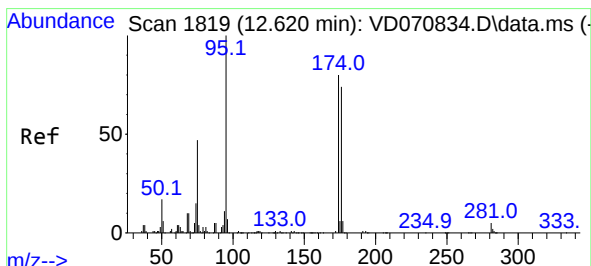
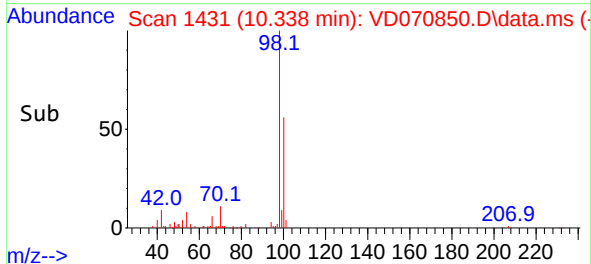
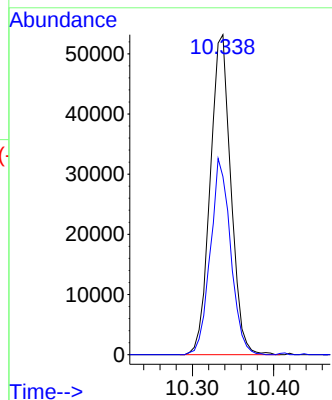
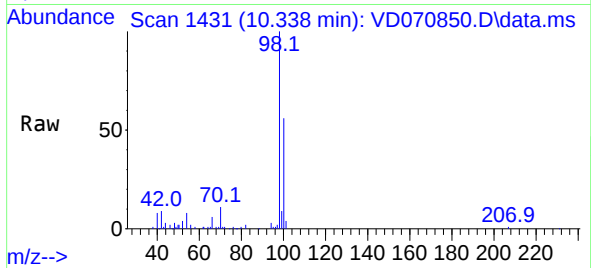




#50
Toluene-d8
Concen: 50.009 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

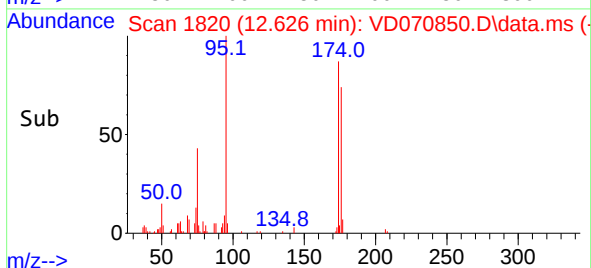
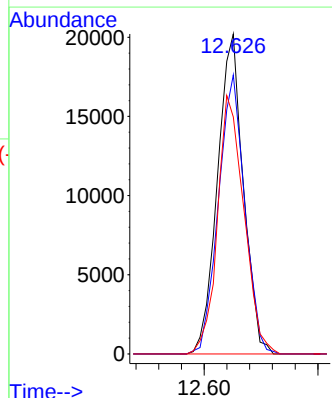
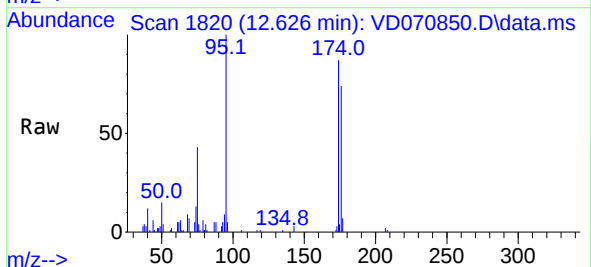
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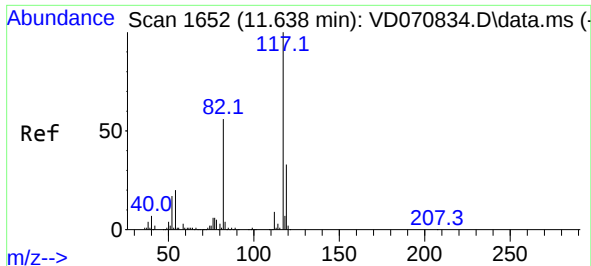
Tgt Ion: 98 Resp: 93983
Ion Ratio Lower Upper
98 100
100 60.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.610 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion: 95 Resp: 32002
Ion Ratio Lower Upper
95 100
174 88.2 0.0 159.4
176 82.6 0.0 154.0

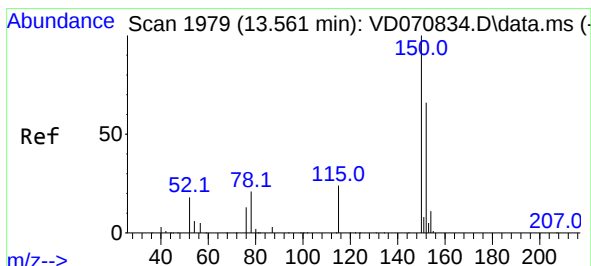
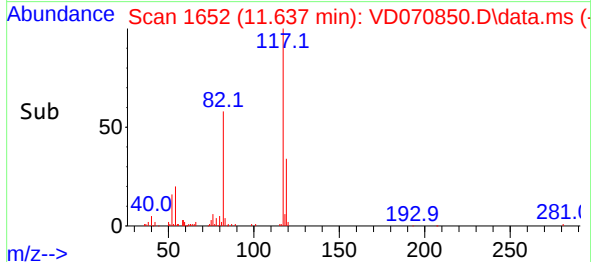
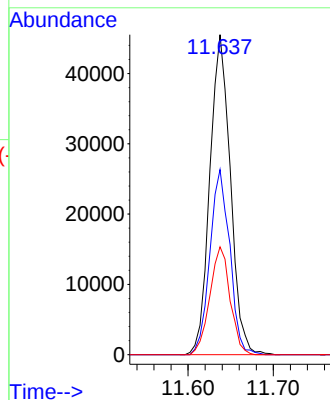
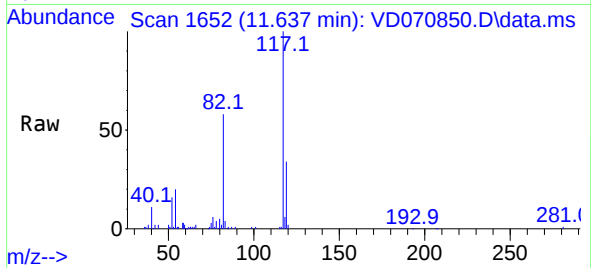




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Instrument :
MSVOA_D
ClientSampleId :
VNJ-221

Tgt Ion:117 Resp: 76271
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 33.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion:152 Resp: 34770
Ion Ratio Lower Upper
152 100
115 58.1 29.8 89.3
150 162.0 0.0 349.2

