

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070861.D
 Acq On : 27 Oct 2021 13:54
 Operator : VA/SY
 Sample : M4356-03RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-221RE

Quant Time: Oct 28 03:55:29 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	84016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	143431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	156523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	69288	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	71031	84.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.120%#
35) Dibromofluoromethane	7.909	113	64575	68.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.560%
50) Toluene-d8	10.332	98	186256	52.350	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.700%
62) 4-Bromofluorobenzene	12.620	95	61098	52.046	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.100%

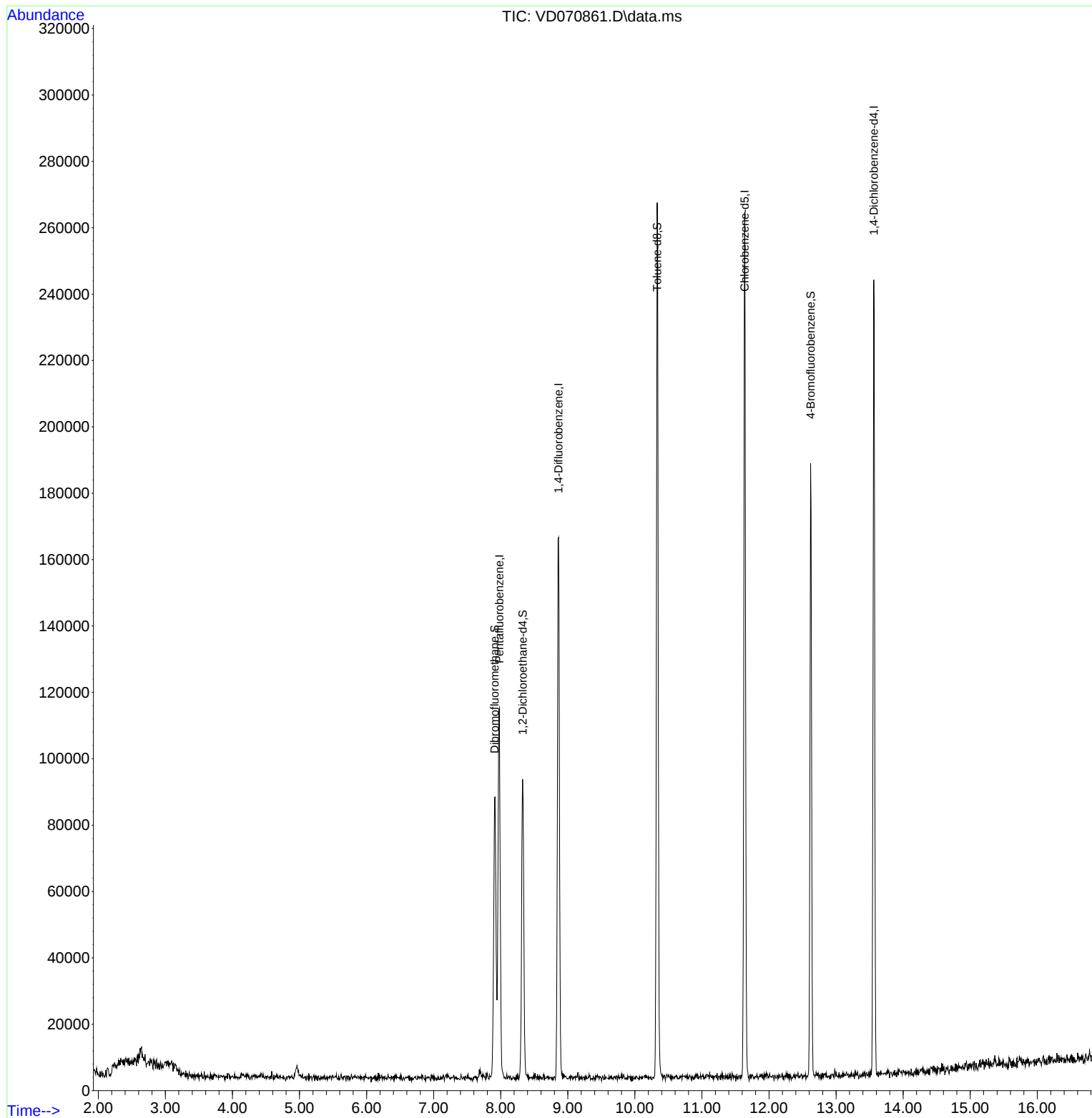
Target Compounds	Qvalue

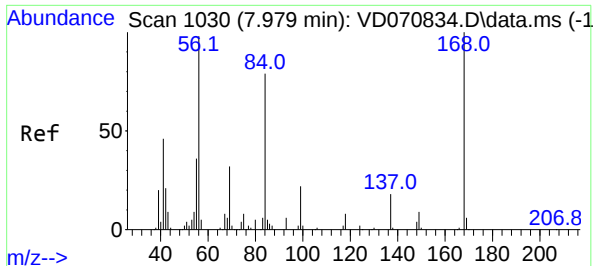
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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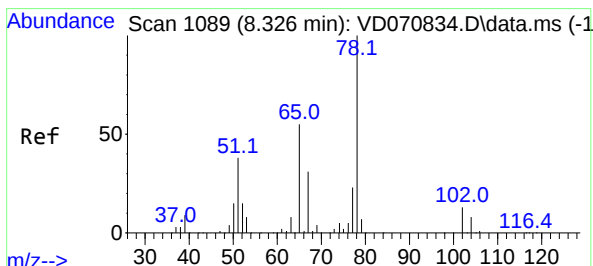
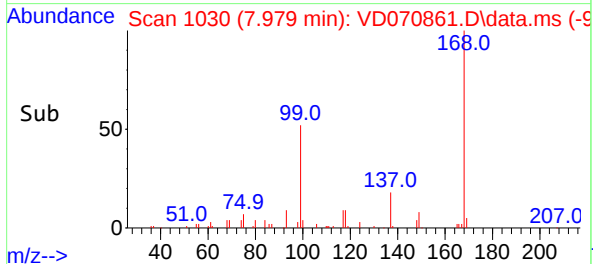
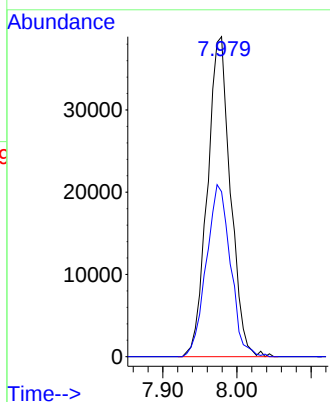
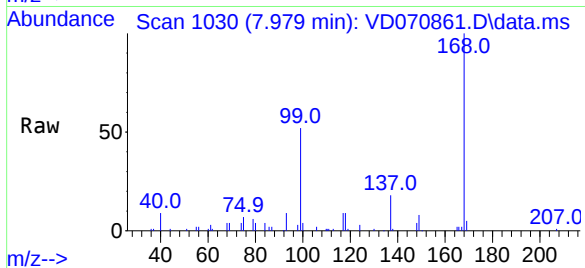




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070861.D
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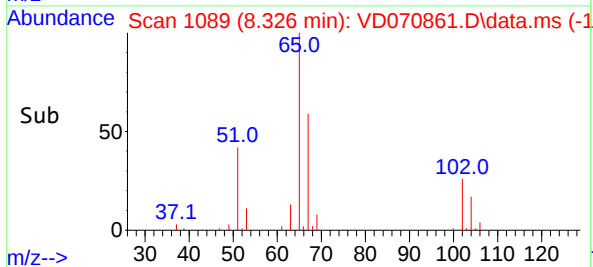
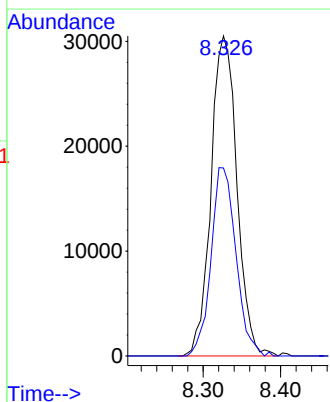
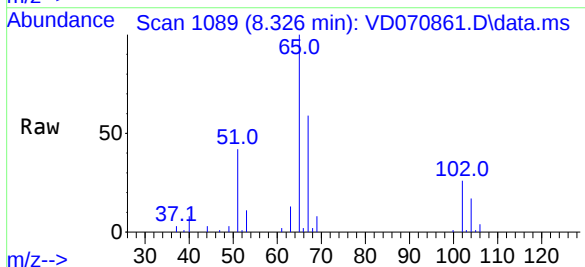
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221RE

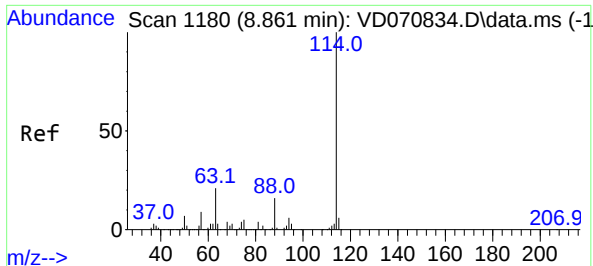
Tgt Ion:168 Resp: 84016
Ion Ratio Lower Upper
168 100
99 51.6 46.6 69.8



1,2-Dichloroethane-d4
Concen: 84.061 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070861.D
Acq: 27 Oct 2021 13:54

Tgt Ion: 65 Resp: 71031
Ion Ratio Lower Upper
65 100
67 56.8 0.0 112.2



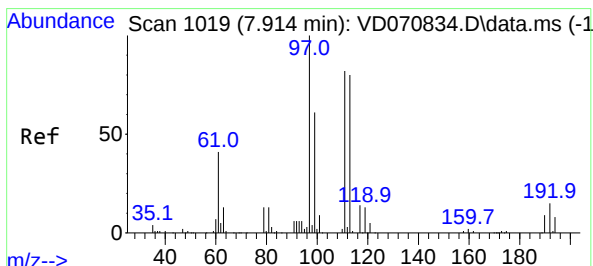
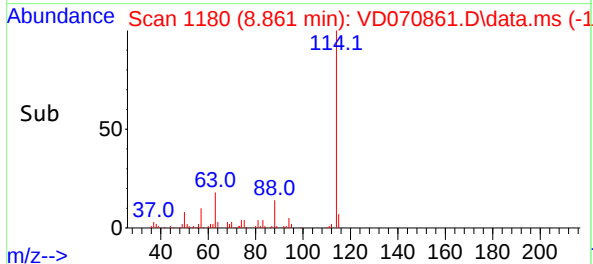
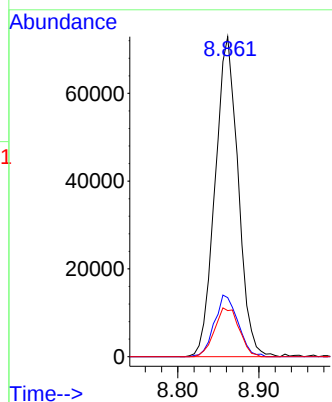
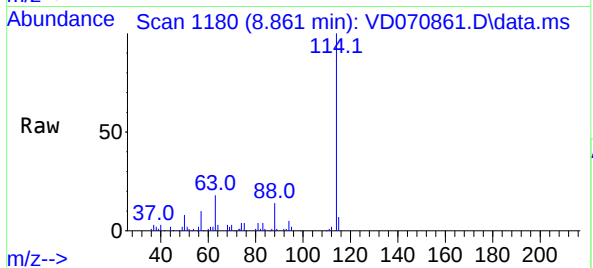


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070861.D
Acq: 27 Oct 2021 13:54

Instrument :
MSVOA_D
ClientSampleId :
VNJ-221RE

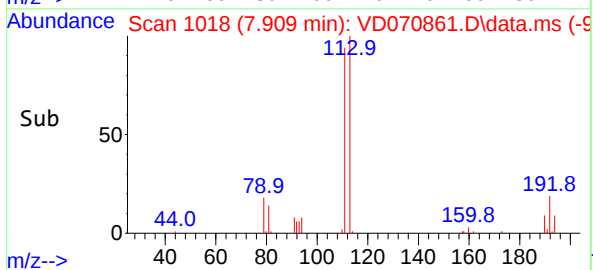
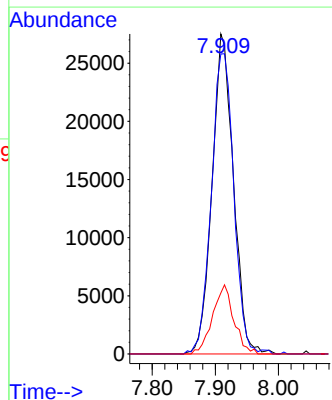
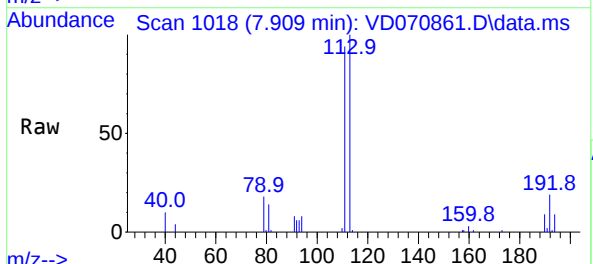
Tgt Ion:114	Resp:	143431
Ion	Ratio	Lower Upper
114	100	
63	18.5	0.0 41.8
88	14.4	0.0 32.8

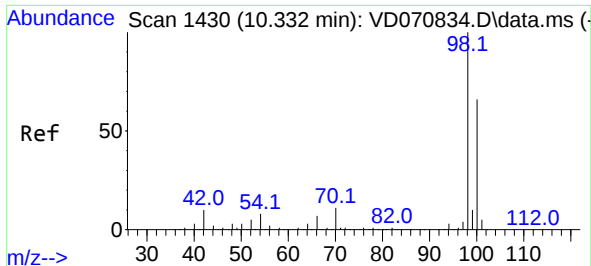


#35

Dibromofluoromethane
Concen: 68.282 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070861.D
Acq: 27 Oct 2021 13:54

Tgt Ion:113	Resp:	64575
Ion	Ratio	Lower Upper
113	100	
111	98.9	82.0 123.0
192	21.5	15.2 22.8

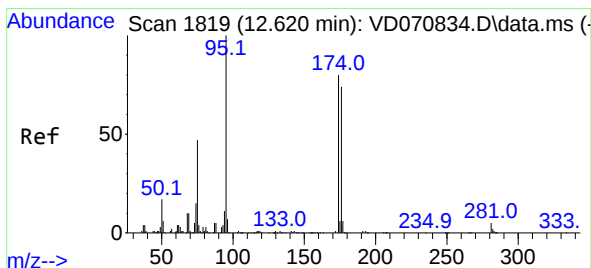
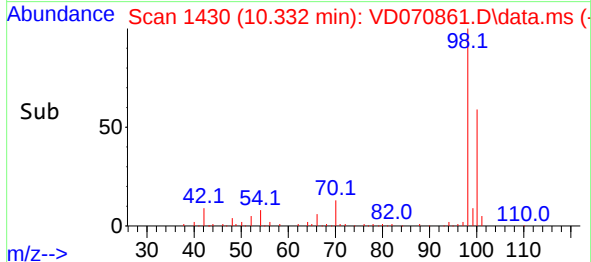
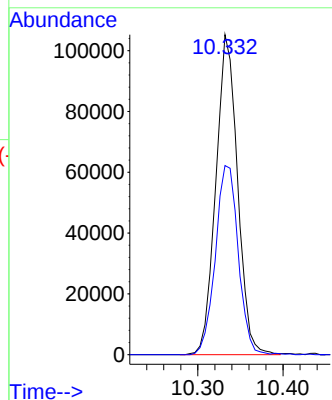
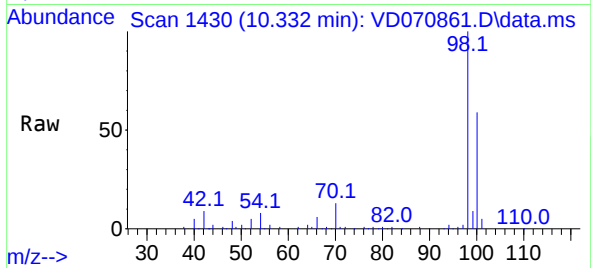




#50
Toluene-d8
Concen: 52.350 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070861.D
Acq: 27 Oct 2021 13:54

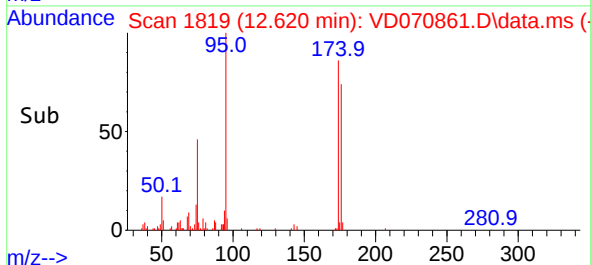
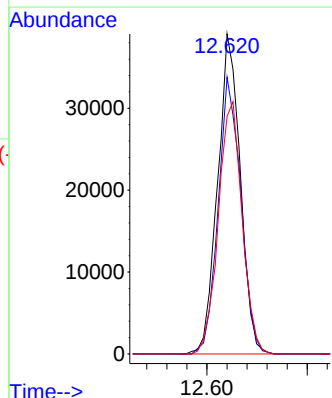
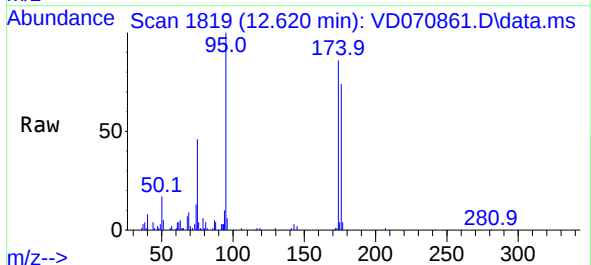
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221RE

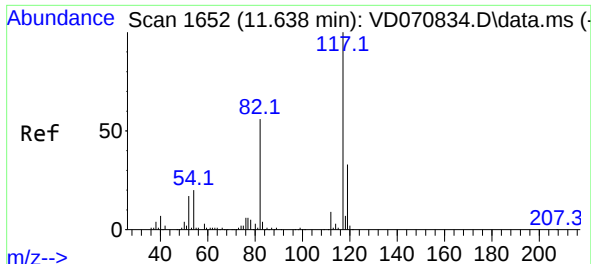
Tgt Ion: 98 Resp: 186256
Ion Ratio Lower Upper
98 100
100 62.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.046 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070861.D
Acq: 27 Oct 2021 13:54

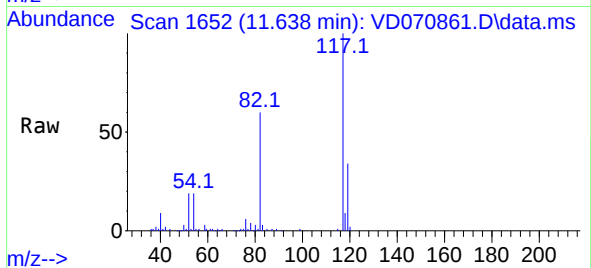
Tgt Ion: 95 Resp: 61098
Ion Ratio Lower Upper
95 100
174 86.6 0.0 159.4
176 82.6 0.0 154.0



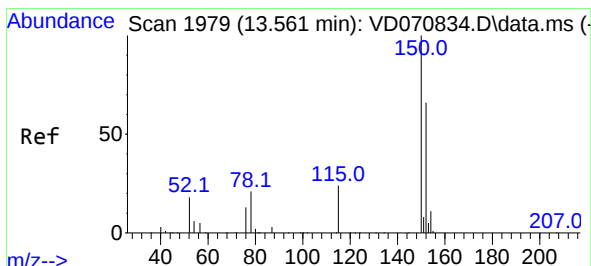
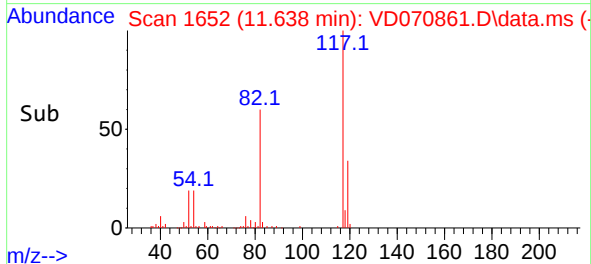
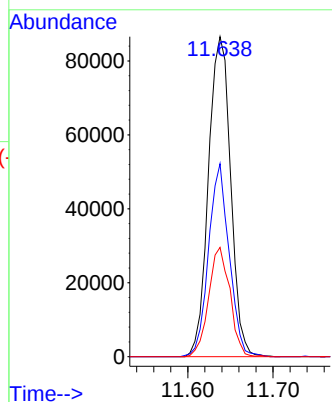


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070861.D
Acq: 27 Oct 2021 13:54

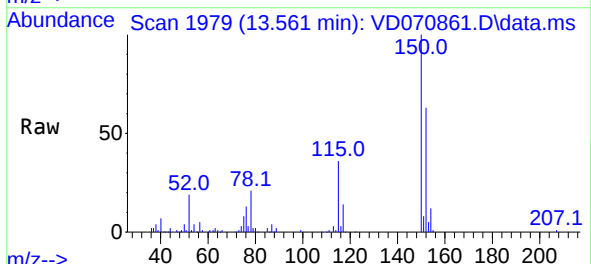
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221RE



Tgt Ion:117 Resp: 156523
Ion Ratio Lower Upper
117 100
82 60.3 44.7 67.1
119 34.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070861.D
Acq: 27 Oct 2021 13:54



Tgt Ion:152 Resp: 69288
Ion Ratio Lower Upper
152 100
115 55.9 29.8 89.3
150 157.3 0.0 349.2

