

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070803.D
 Acq On : 21 Oct 2021 16:15
 Operator : VA/SY
 Sample : M4297-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-10202021

Quant Time: Oct 22 06:15:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	16305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	25268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	26536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	10558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	17145	88.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.560%#
35) Dibromofluoromethane	7.908	113	8918	55.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.240%
50) Toluene-d8	10.332	98	32083	51.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.620	95	10983	51.429	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.860%

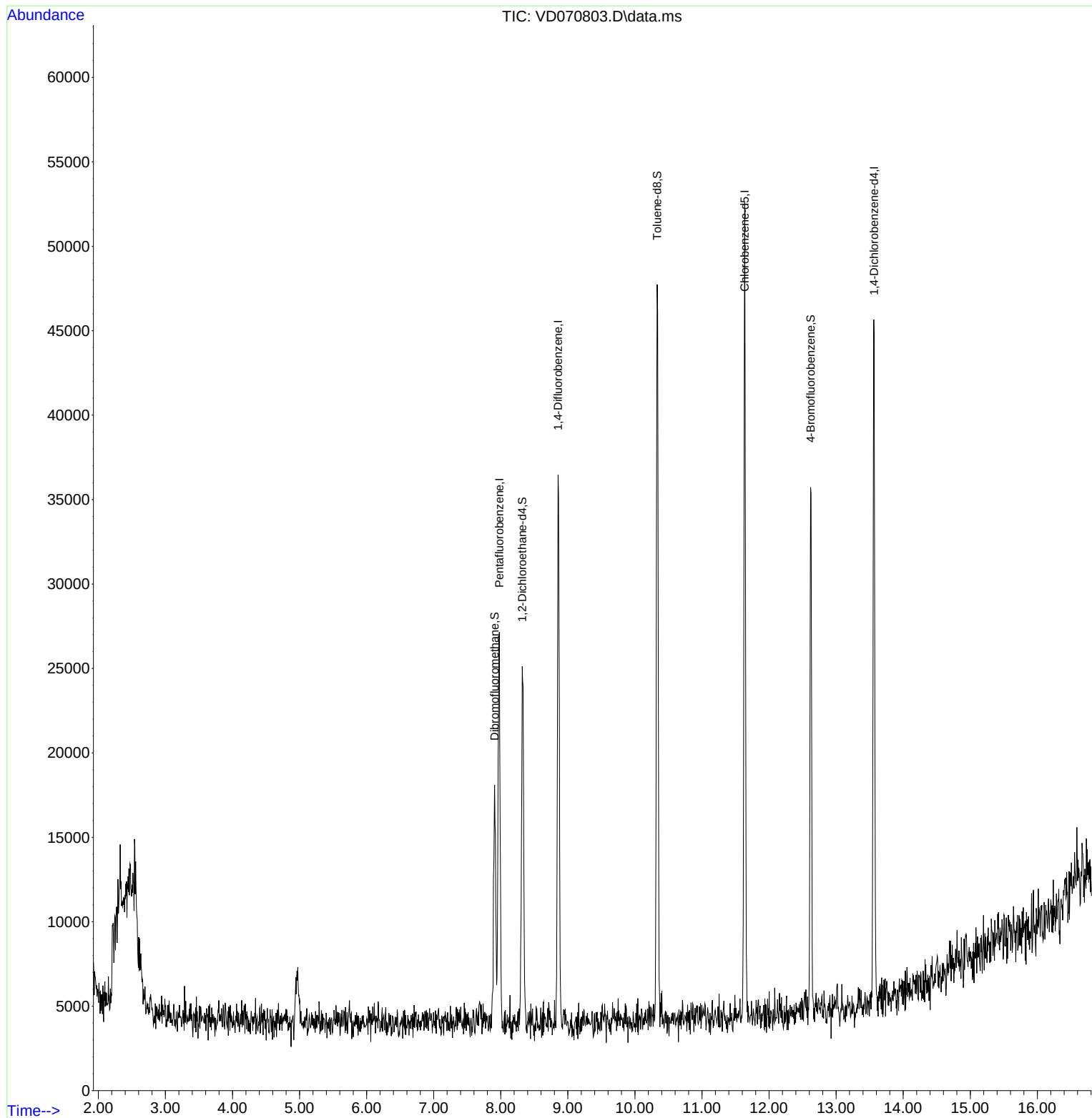
Target Compounds	Qvalue

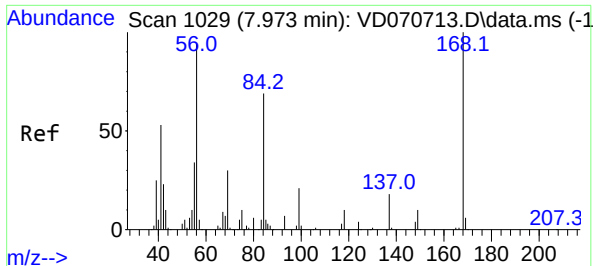
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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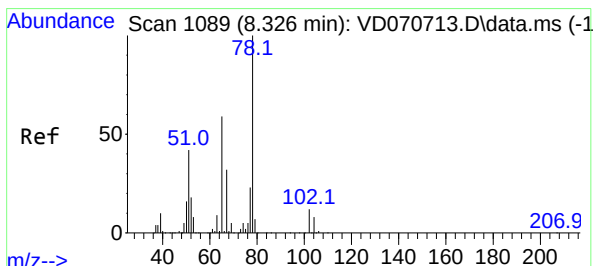
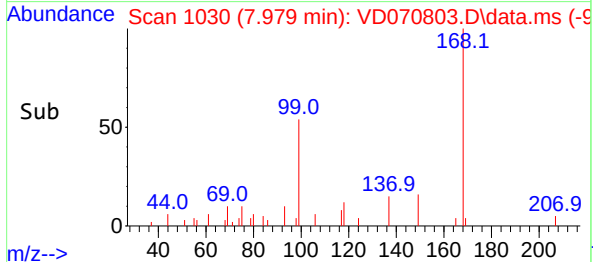
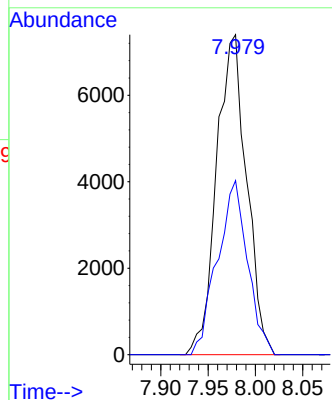
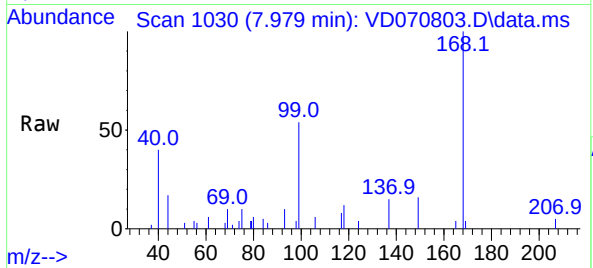




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070803.D
Acq: 21 Oct 2021 16:15

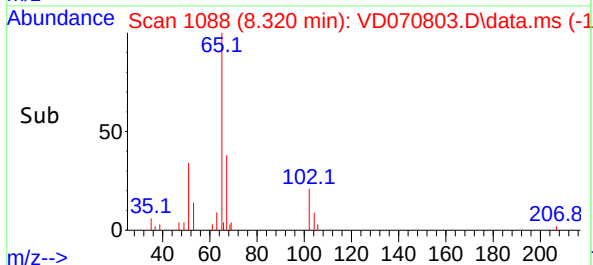
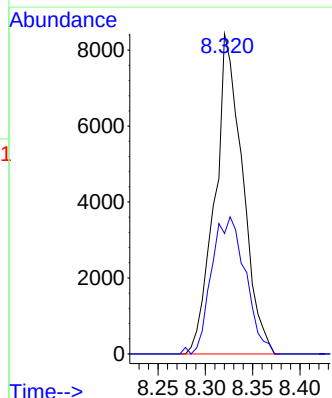
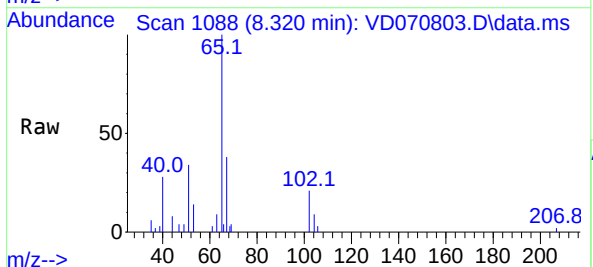
Instrument :
MSVOA_D
ClientSampleId :
TR-04-10202021

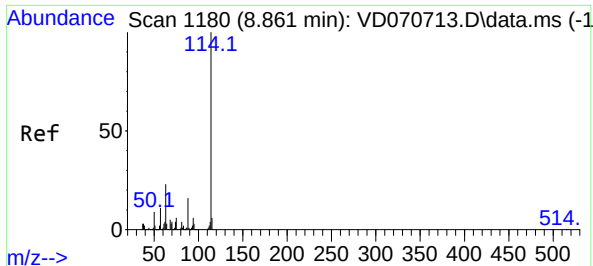
Tgt Ion:168 Resp: 16305
Ion Ratio Lower Upper
168 100
99 54.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 88.778 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070803.D
Acq: 21 Oct 2021 16:15

Tgt Ion: 65 Resp: 17145
Ion Ratio Lower Upper
65 100
67 52.5 0.0 110.2

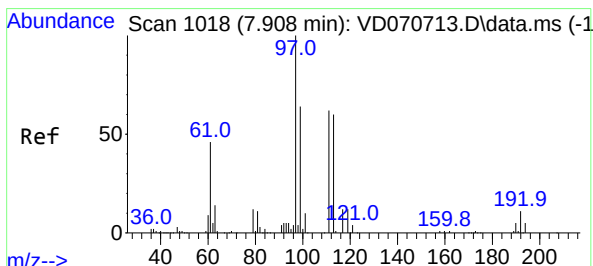
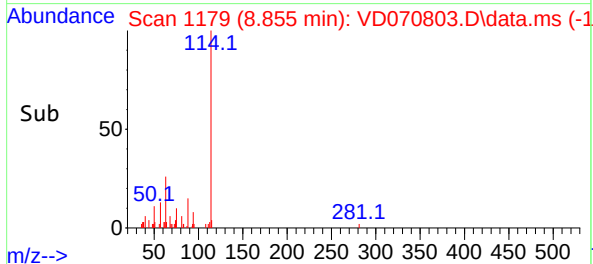
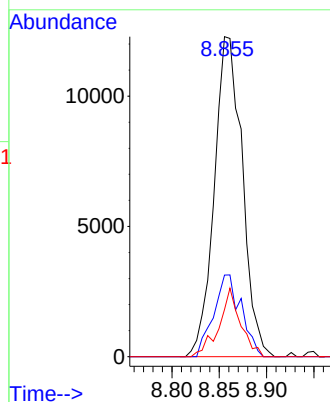
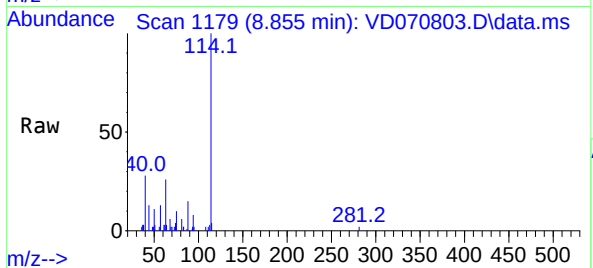




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070803.D
Acq: 21 Oct 2021 16:15

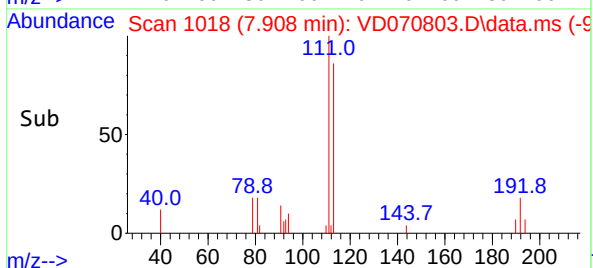
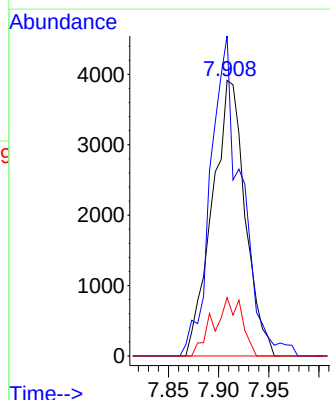
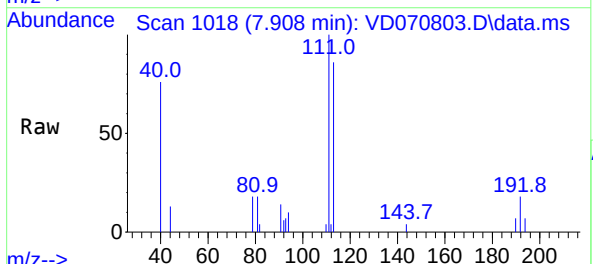
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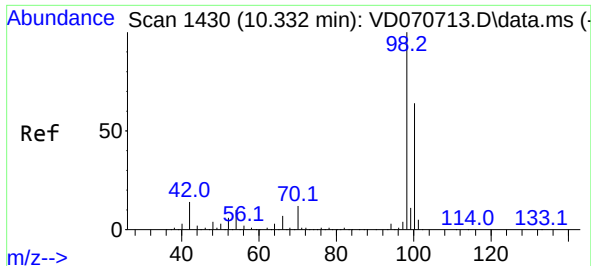
Tgt Ion:114	Resp:	25268
Ion Ratio	Lower	Upper
114	100	
63	25.5	0.0 41.8
88	14.7	0.0 32.6



#35
Dibromofluoromethane
Concen: 55.120 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070803.D
Acq: 21 Oct 2021 16:15

Tgt Ion:113	Resp:	8918
Ion Ratio	Lower	Upper
113	100	
111	108.9	83.1 124.7
192	18.3	12.7 19.1

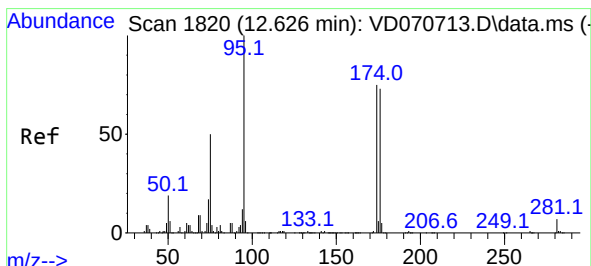
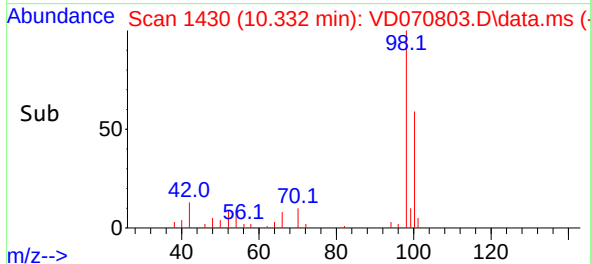
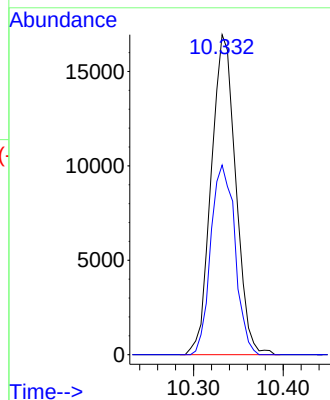
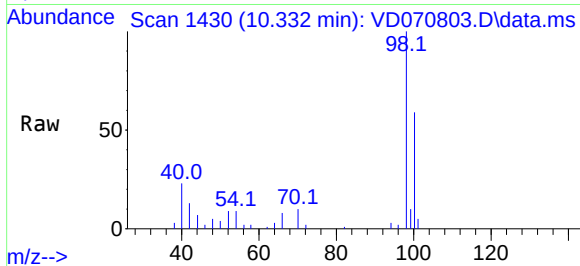




#50
Toluene-d8
Concen: 51.730 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070803.D
Acq: 21 Oct 2021 16:15

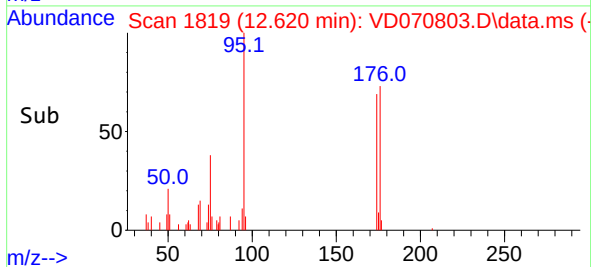
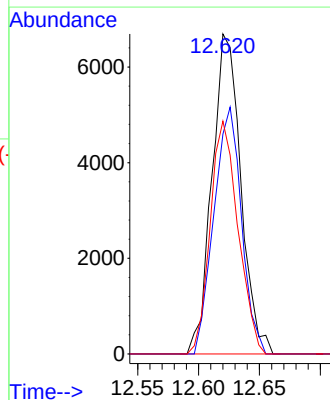
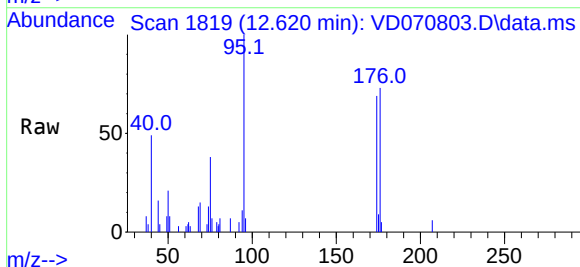
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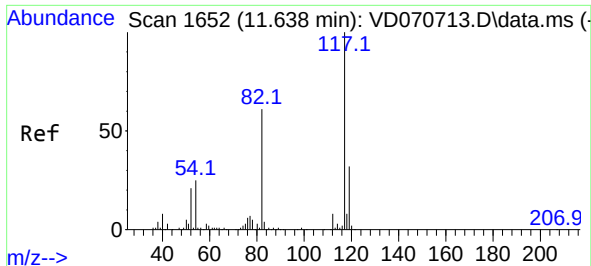
Tgt Ion: 98 Resp: 32083
Ion Ratio Lower Upper
98 100
100 58.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.429 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070803.D
Acq: 21 Oct 2021 16:15

Tgt Ion: 95 Resp: 10983
Ion Ratio Lower Upper
95 100
174 74.0 0.0 138.0
176 70.3 0.0 135.6

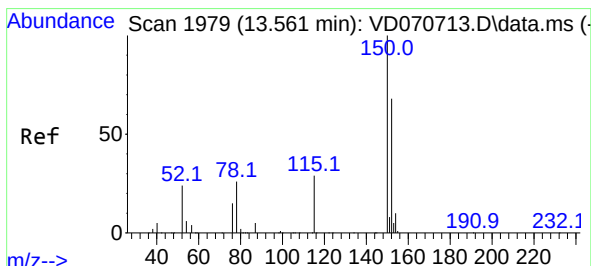
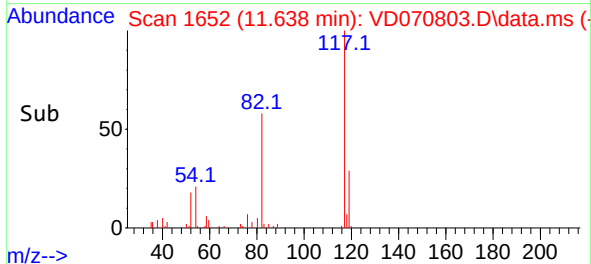
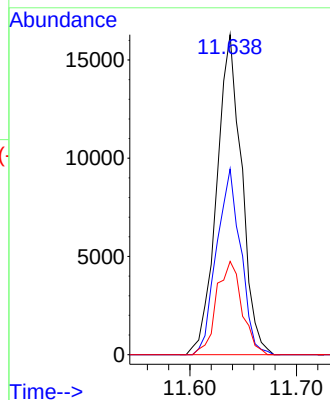
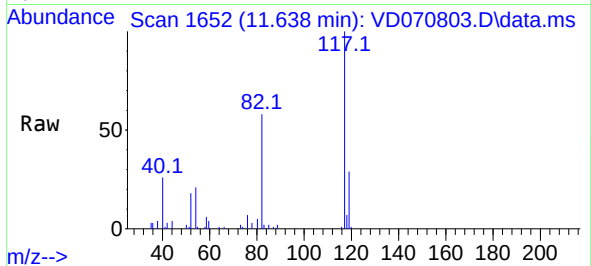




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070803.D
Acq: 21 Oct 2021 16:15

Instrument :
MSVOA_D
ClientSampleId :
TR-04-10202021

Tgt Ion:	117	Resp:	26536
Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.4	68.2
119	29.1	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070803.D
Acq: 21 Oct 2021 16:15

Tgt Ion:	152	Resp:	10558
Ion	Ratio	Lower	Upper
152	100		
115	63.9	31.9	95.7
150	158.2	0.0	350.0

