

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071278.D
 Acq On : 11 Dec 2021 19:09
 Operator : VA/SY
 Sample : M5051-04
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A5

Quant Time: Dec 12 18:51:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

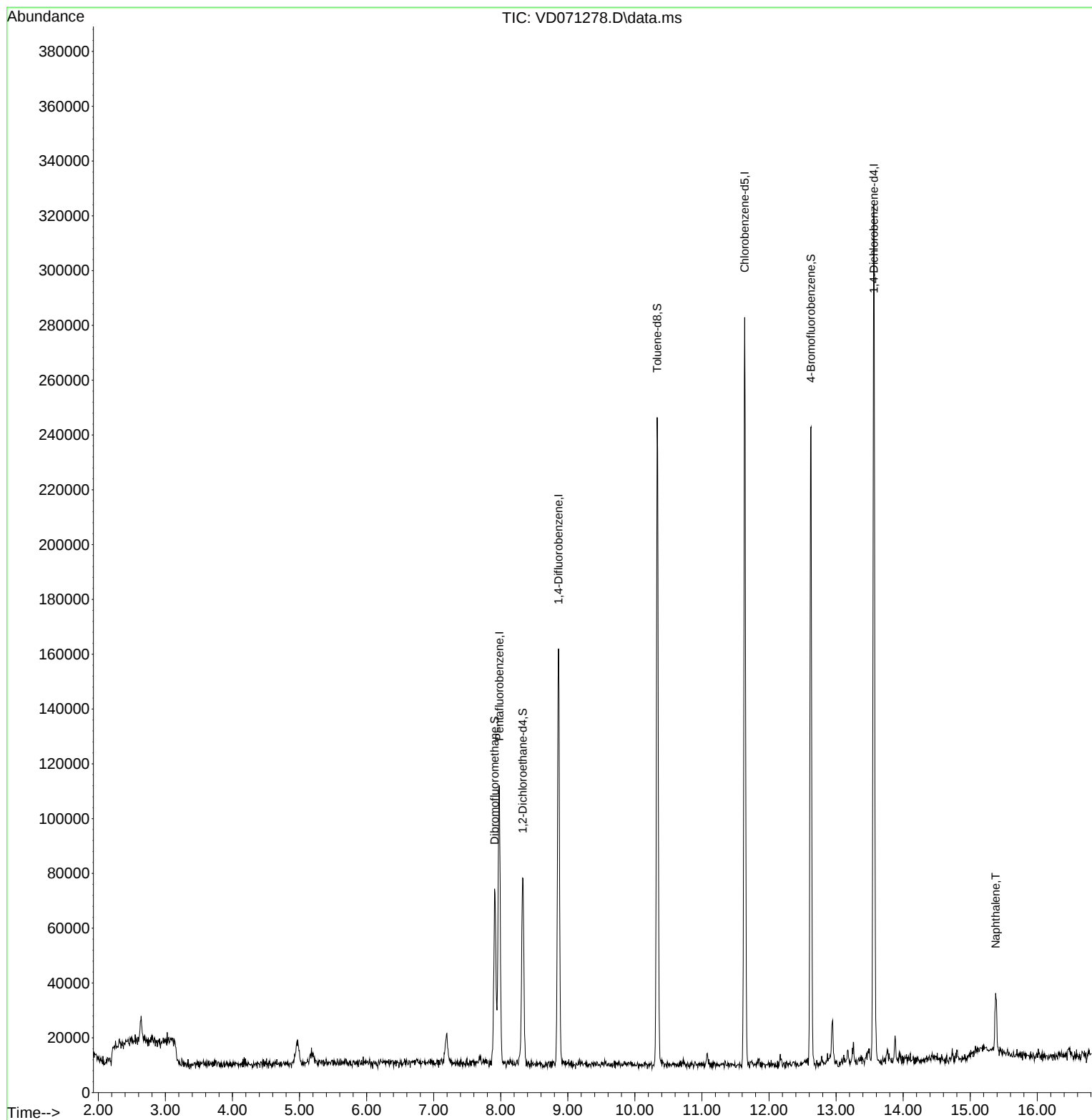
Internal Standards						
1) Pentafluorobenzene	7.979	168	71227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	123400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	144269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	77099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	55092	65.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.840%	
35) Dibromofluoromethane	7.909	113	42895	54.588	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.180%	
50) Toluene-d8	10.332	98	155813	52.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.626	95	73969	71.359	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 142.720%	
Target Compounds						
						Qvalue
95) Naphthalene	15.379	128	18749	8.330	ug/l	99

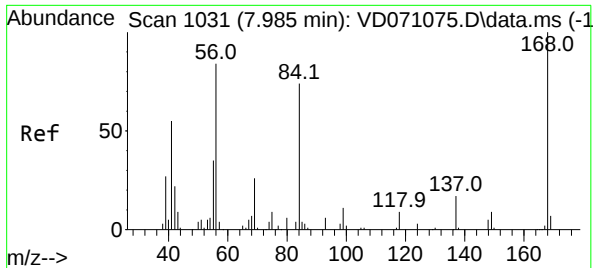
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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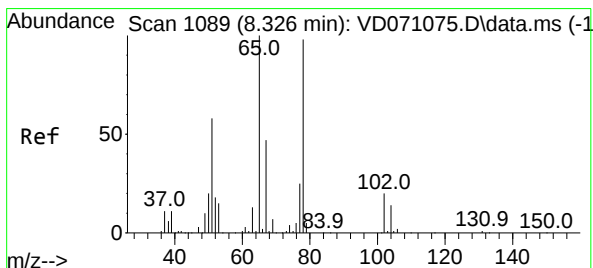
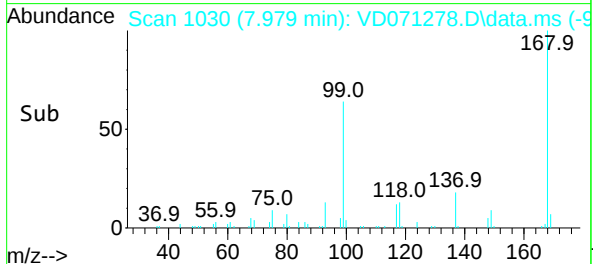
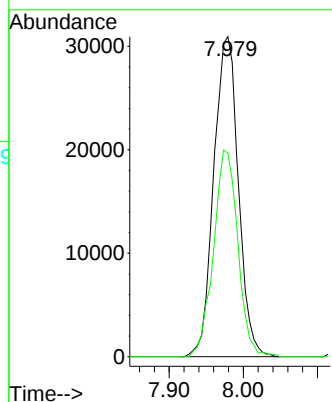
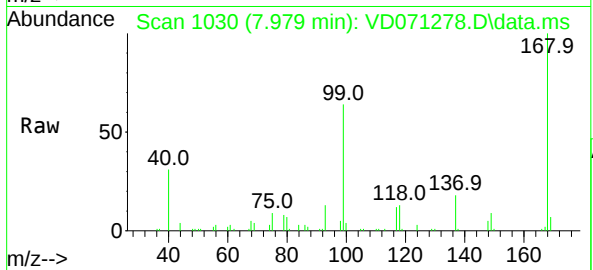




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071278.D
Acq: 11 Dec 2021 19:09

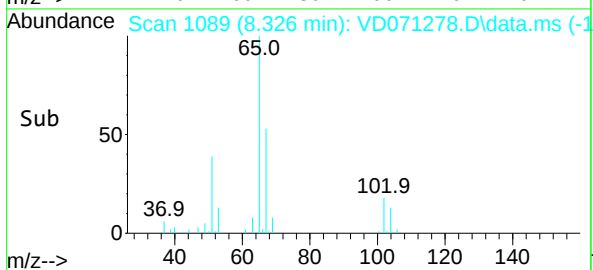
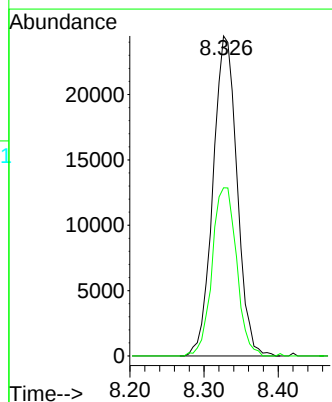
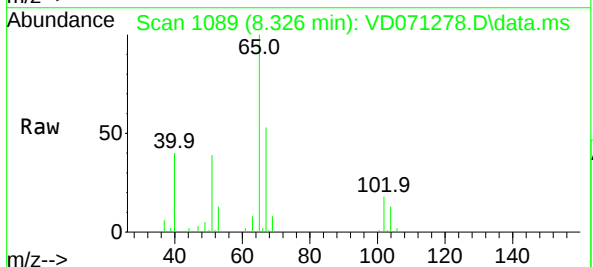
Instrument :
MSVOA_D
ClientSampleId :
A5

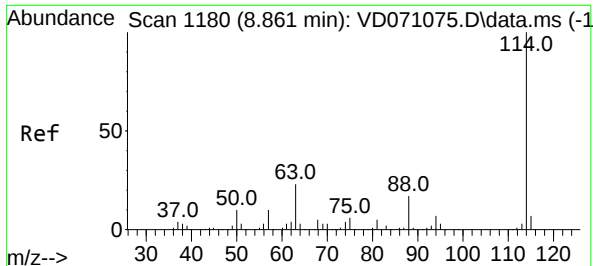
Tgt Ion:168 Resp: 71227
Ion Ratio Lower Upper
168 100
99 63.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 65.918 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071278.D
Acq: 11 Dec 2021 19:09

Tgt Ion: 65 Resp: 55092
Ion Ratio Lower Upper
65 100
67 53.6 0.0 112.2

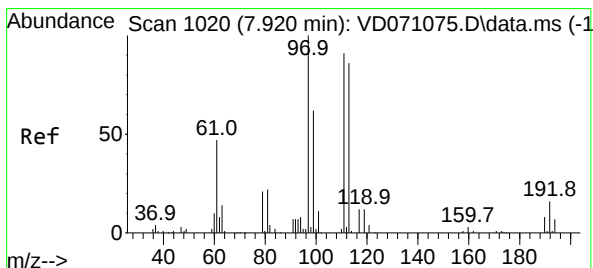
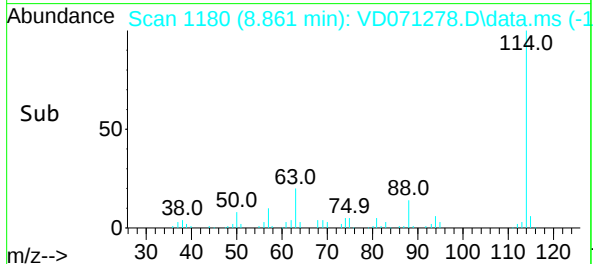
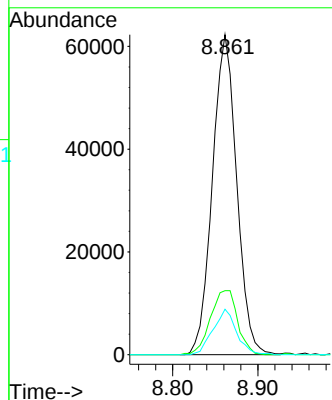
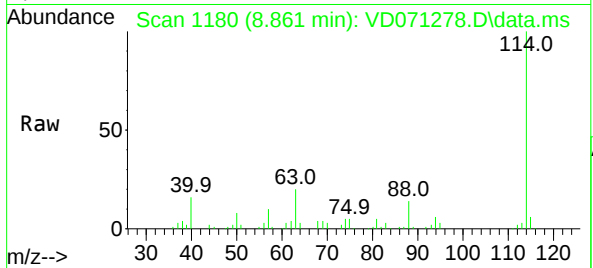




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071278.D
Acq: 11 Dec 2021 19:09

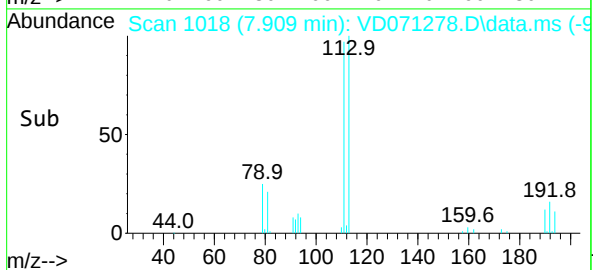
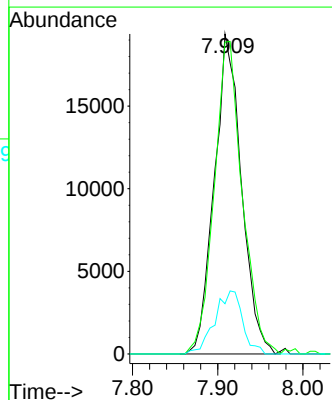
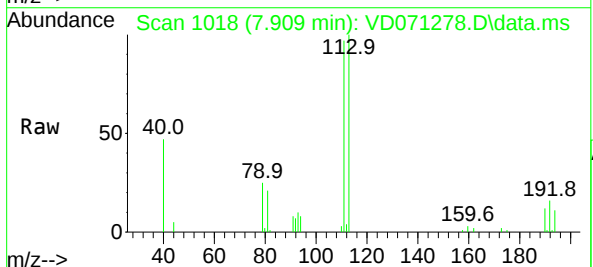
Instrument :
MSVOA_D
ClientSampleId :
A5

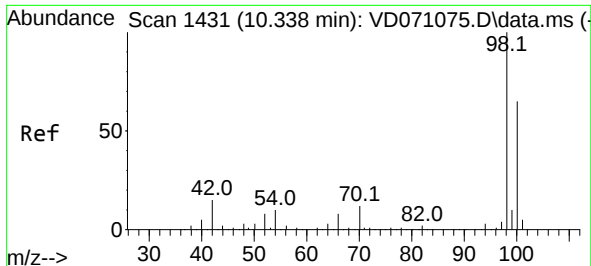
Tgt Ion:114 Resp: 123400
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.8
88 14.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.588 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD071278.D
Acq: 11 Dec 2021 19:09

Tgt Ion:113 Resp: 42895
Ion Ratio Lower Upper
113 100
111 100.8 82.0 123.0
192 20.2 15.2 22.8

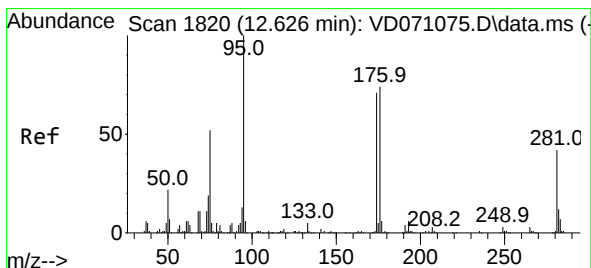
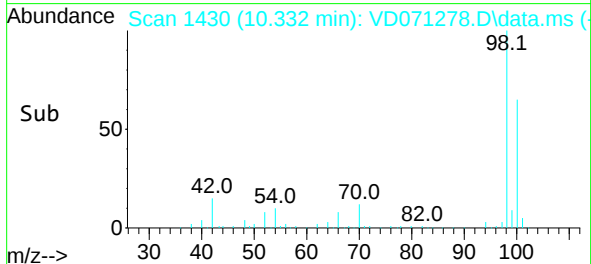
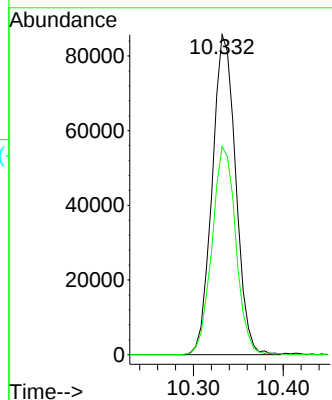
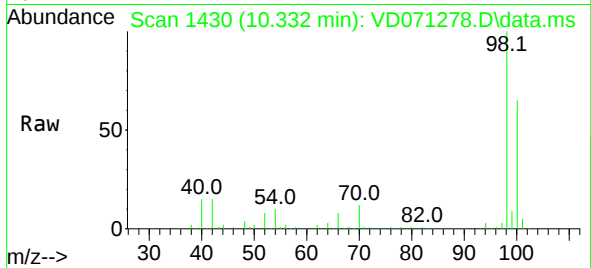




#50
Toluene-d8
Concen: 52.105 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071278.D
Acq: 11 Dec 2021 19:09

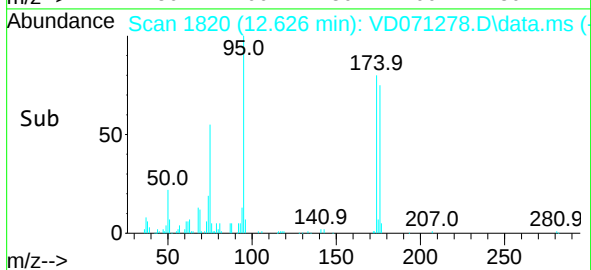
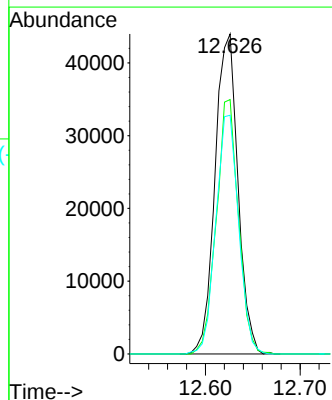
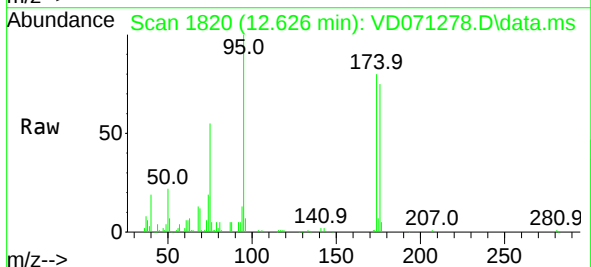
Instrument :
MSVOA_D
ClientSampleId :
A5

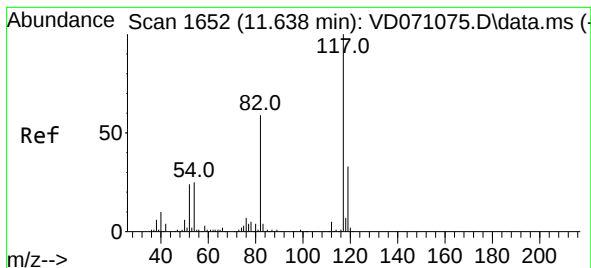
Tgt Ion: 98 Resp: 155813
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 71.359 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071278.D
Acq: 11 Dec 2021 19:09

Tgt Ion: 95 Resp: 73969
Ion Ratio Lower Upper
95 100
174 76.6 0.0 159.4
176 74.2 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071278.D

Acq: 11 Dec 2021 19:09

Instrument :

MSVOA_D

ClientSampleId :

A5

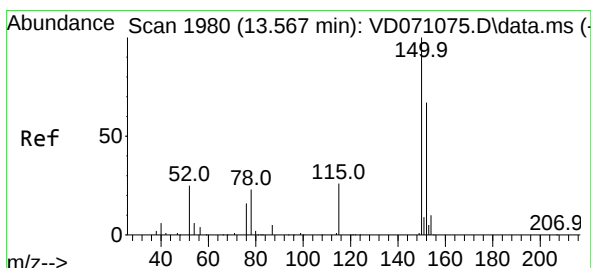
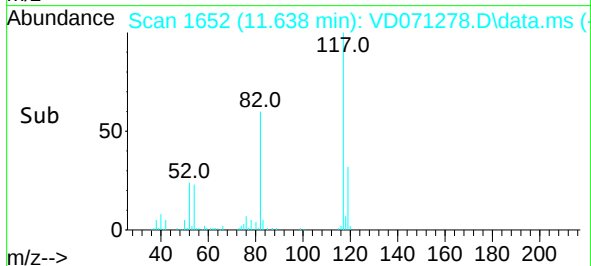
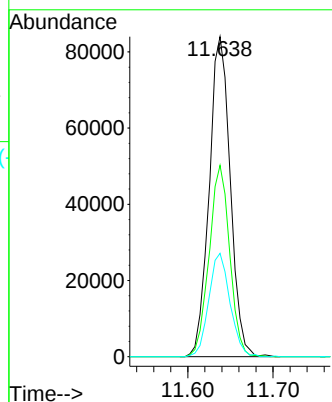
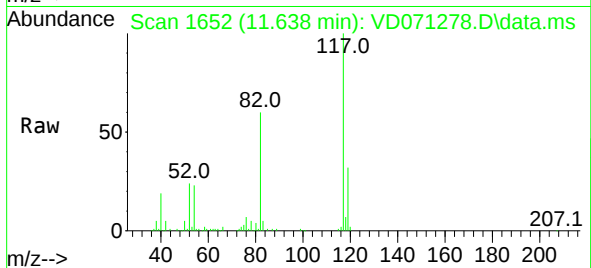
Tgt Ion:117 Resp: 144269

Ion Ratio Lower Upper

117 100

82 59.8 44.7 67.1

119 32.3 26.2 39.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071278.D

Acq: 11 Dec 2021 19:09

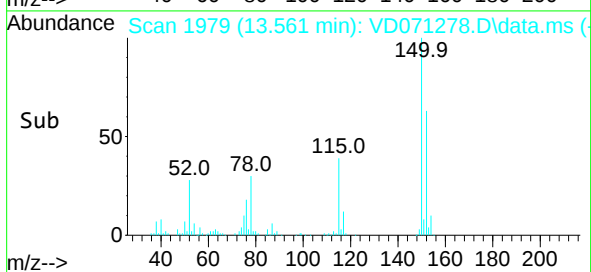
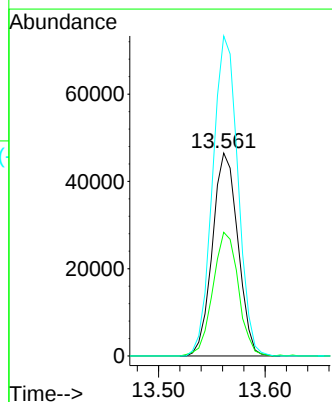
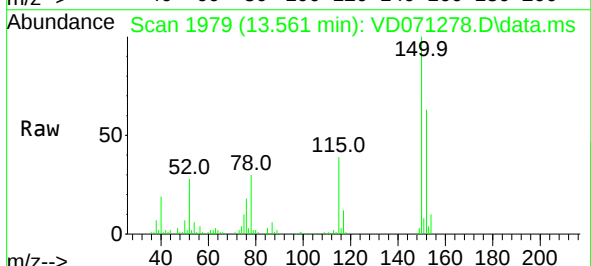
Tgt Ion:152 Resp: 77099

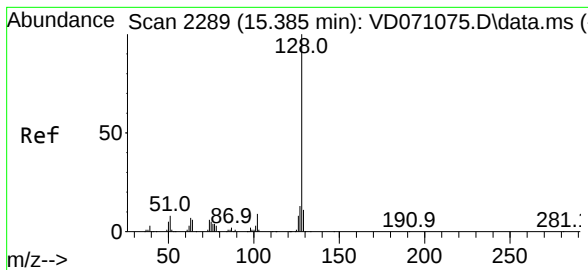
Ion Ratio Lower Upper

152 100

115 61.2 29.8 89.3

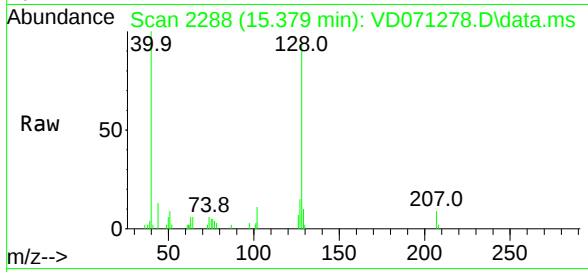
150 156.5 0.0 349.2





#95
Naphthalene
Concen: 8.330 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071278.D
Acq: 11 Dec 2021 19:09

Instrument :
MSVOA_D
ClientSampleId :
A5



Tgt Ion:	128	Resp:	18749
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.7	16.1
129	10.9	8.7	13.1

