

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120321\
 Data File : VD071136.D
 Acq On : 03 Dec 2021 15:49
 Operator : VA/SY
 Sample : M4920-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDR-20211202-WC-SRE

Quant Time: Dec 04 03:50:57 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)

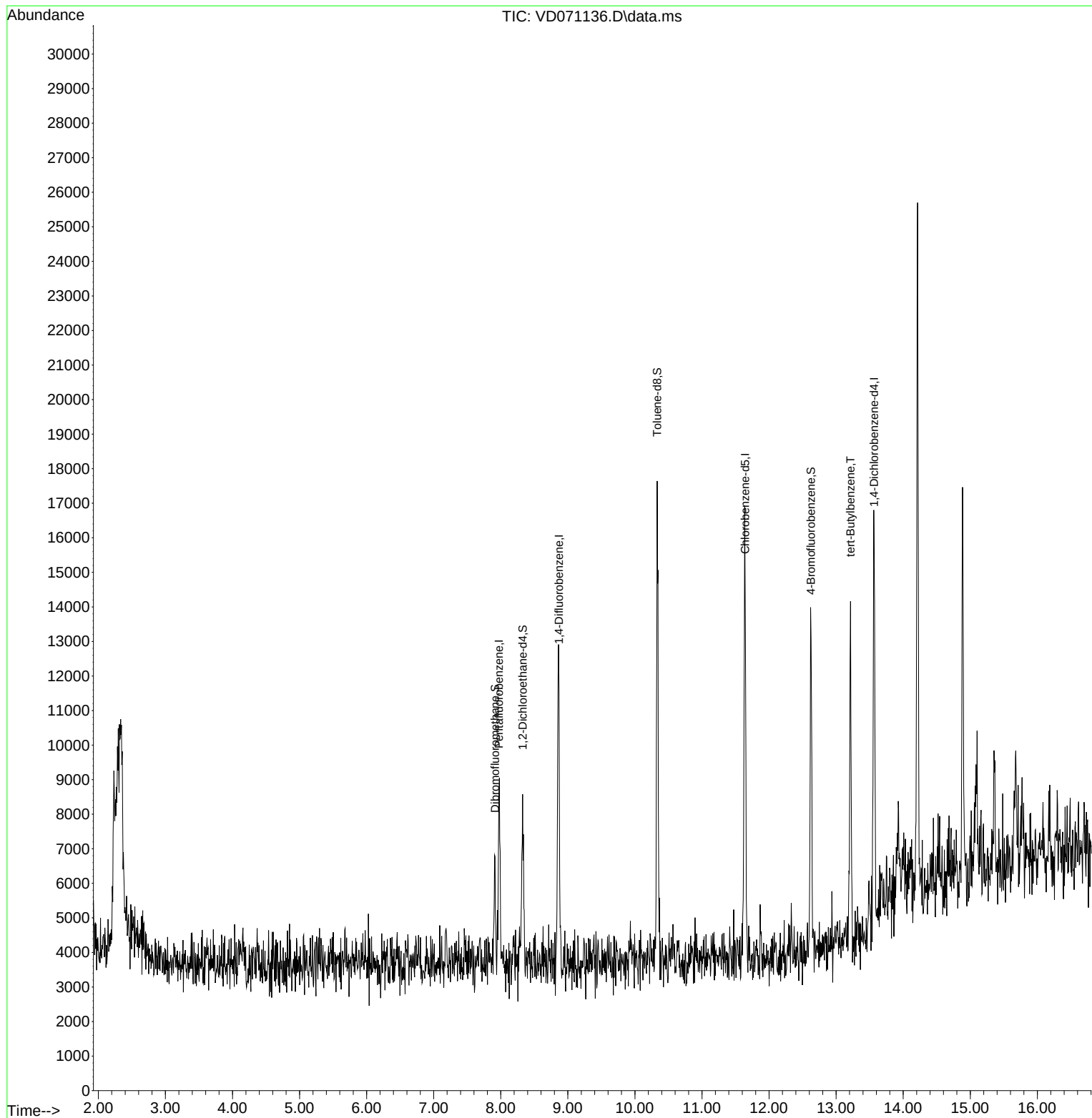
Internal Standards						
1) Pentafluorobenzene	7.973	168	3941	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.867	114	6912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	7226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3378	73.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.100%	
35) Dibromofluoromethane	7.914	113	1685	38.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.560%	
50) Toluene-d8	10.332	98	8615	51.433	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.626	95	3424	58.972	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.940%	
Target Compounds						
83) tert-Butylbenzene	13.214	119	3916	26.572	ug/l	Qvalue 96

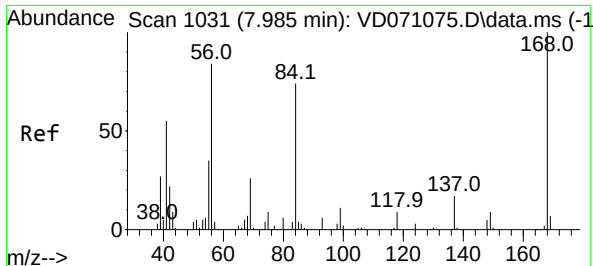
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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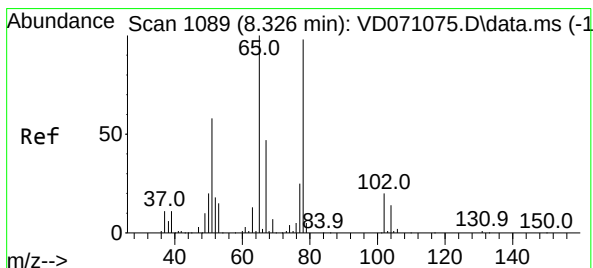
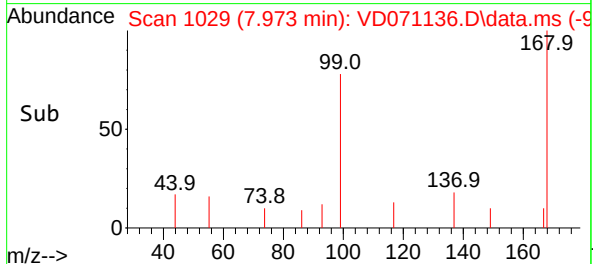
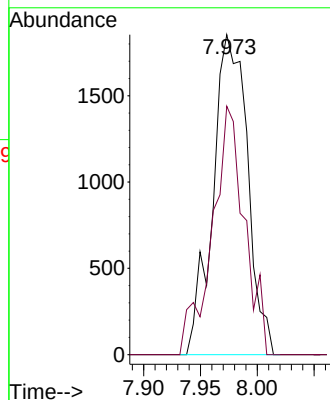
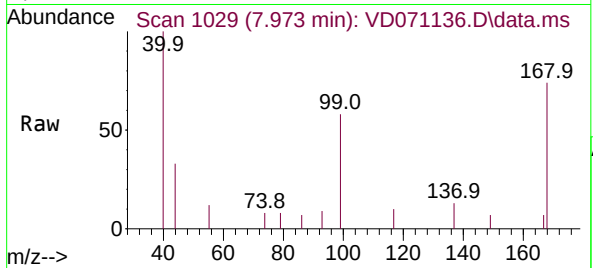




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071136.D
Acq: 03 Dec 2021 15:49

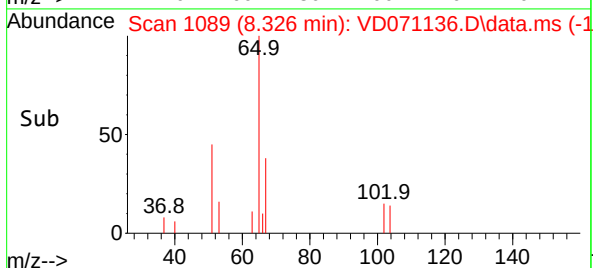
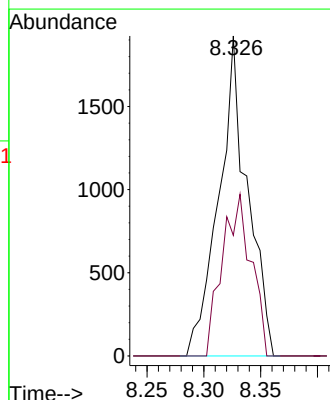
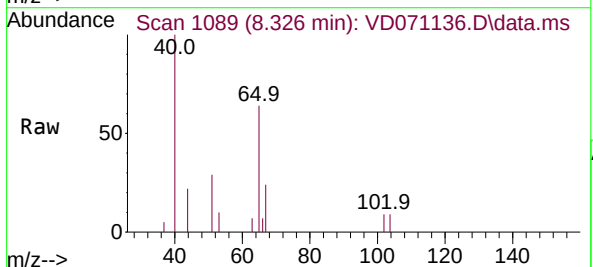
Instrument :
MSVOA_D
ClientSampleId :
FDR-20211202-WC-SRE

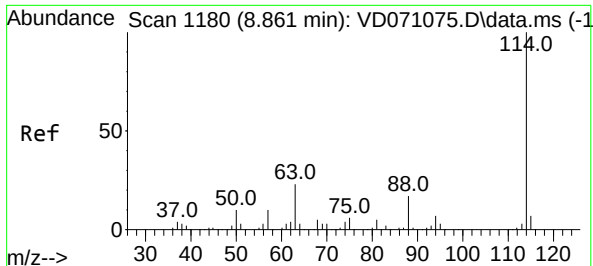
Tgt Ion:168 Resp: 3941
Ion Ratio Lower Upper
168 100
99 77.7 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 73.049 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071136.D
Acq: 03 Dec 2021 15:49

Tgt Ion: 65 Resp: 3378
Ion Ratio Lower Upper
65 100
67 50.9 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071136.D

Acq: 03 Dec 2021 15:49

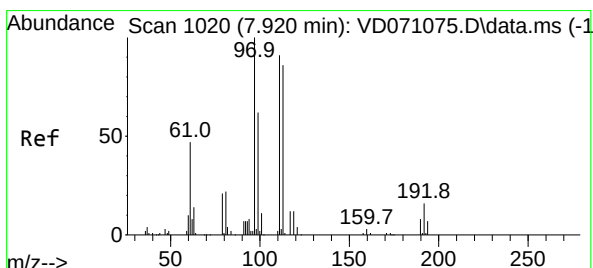
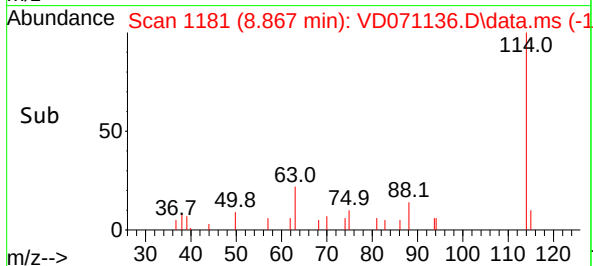
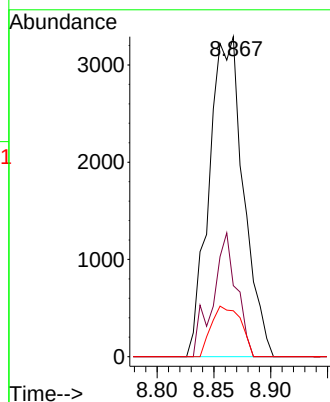
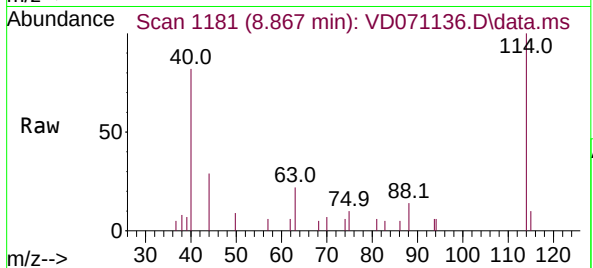
Instrument :

MSVOA_D

ClientSampleId :

FDR-20211202-WC-SRE

Tgt Ion:114	Resp:	6912
Ion Ratio	Lower	Upper
114	100	
63	22.2	0.0 41.8
88	14.3	0.0 32.8



#35

Dibromofluoromethane

Concen: 38.282 ug/l

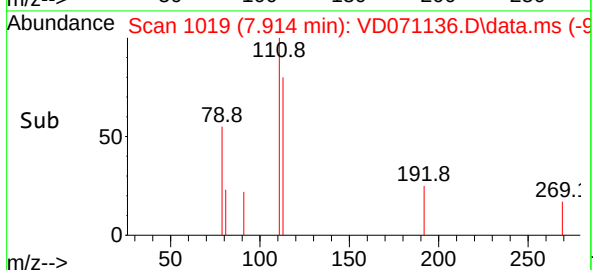
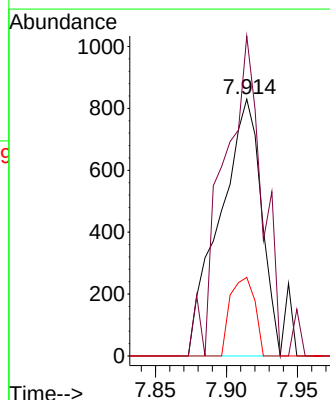
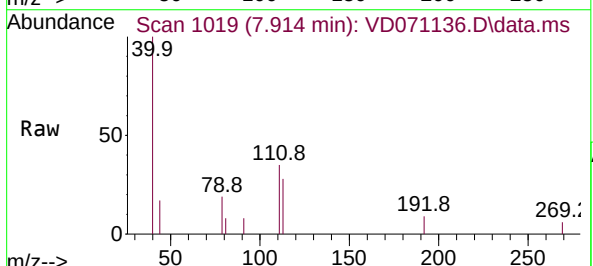
RT: 7.914 min Scan# 1019

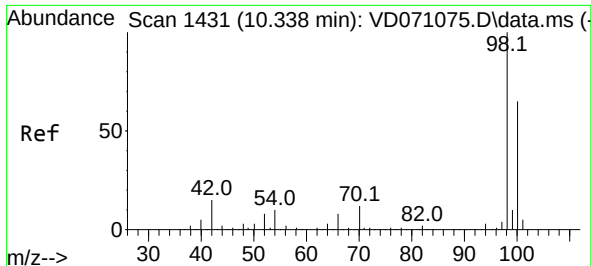
Delta R.T. -0.006 min

Lab File: VD071136.D

Acq: 03 Dec 2021 15:49

Tgt Ion:113	Resp:	1685
Ion Ratio	Lower	Upper
113	100	
111	115.5	82.0 123.0
192	18.2	15.2 22.8

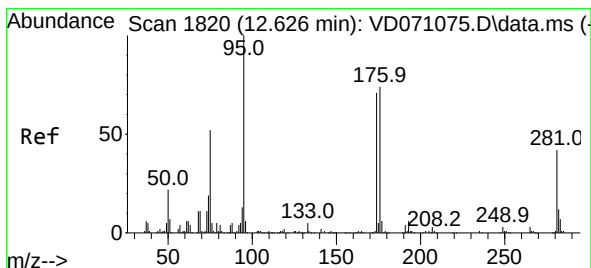
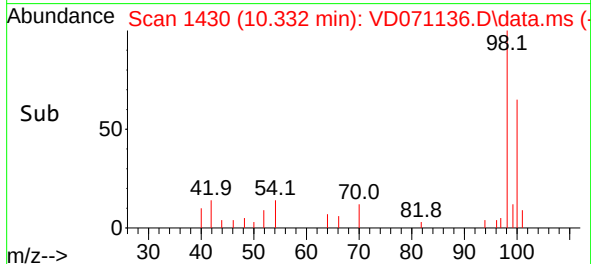
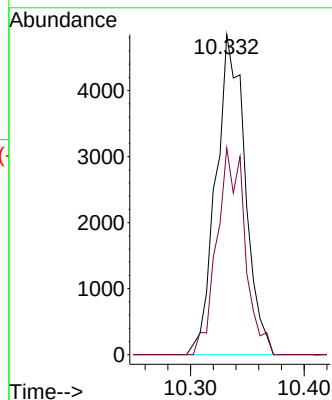
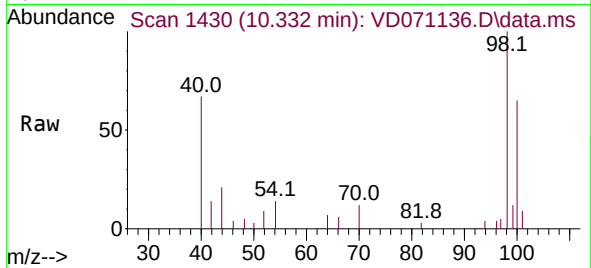




#50
Toluene-d8
Concen: 51.433 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071136.D
Acq: 03 Dec 2021 15:49

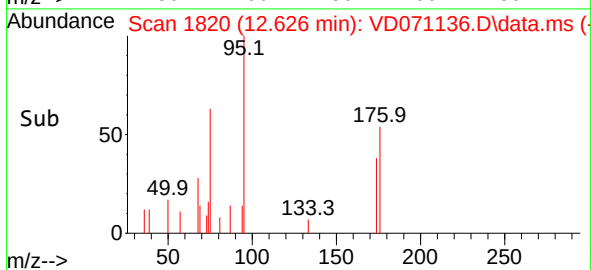
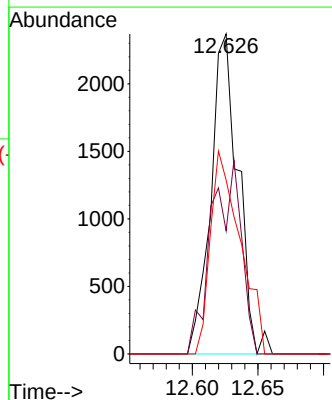
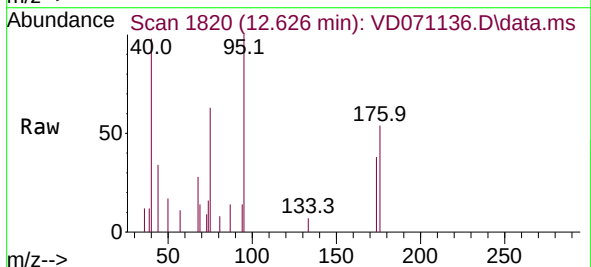
Instrument :
MSVOA_D
ClientSampleId :
FDR-20211202-WC-SRE

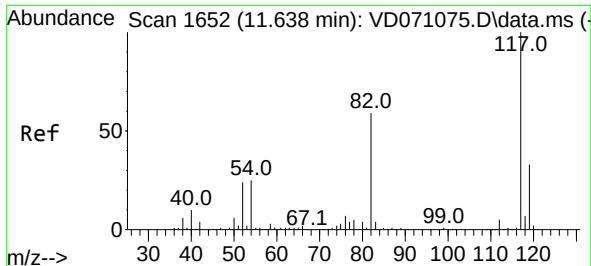
Tgt Ion: 98 Resp: 8615
Ion Ratio Lower Upper
98 100
100 62.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.972 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071136.D
Acq: 03 Dec 2021 15:49

Tgt Ion: 95 Resp: 3424
Ion Ratio Lower Upper
95 100
174 65.9 0.0 159.4
176 69.3 0.0 154.0

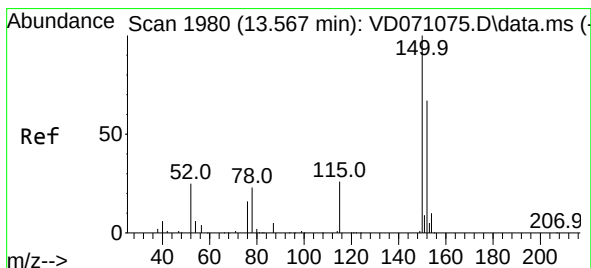
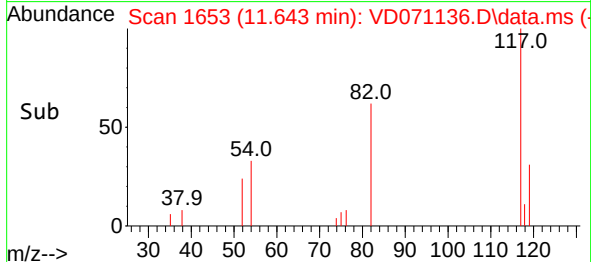
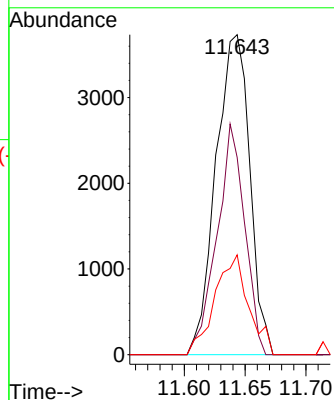
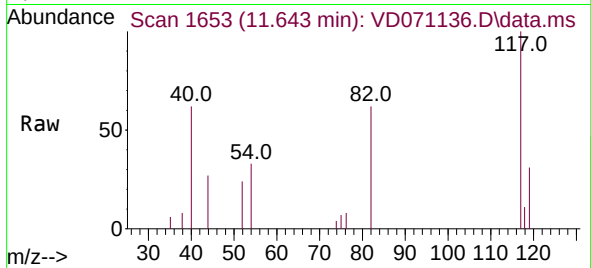




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 117
Delta R.T. 0.005 min
Lab File: VD071136.D
Acq: 03 Dec 2021 15:49

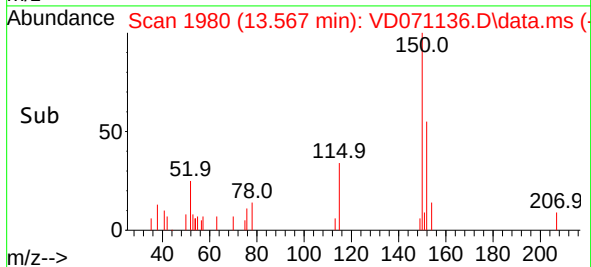
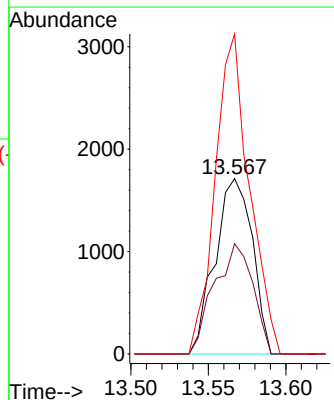
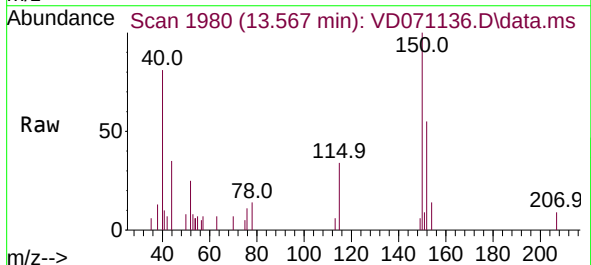
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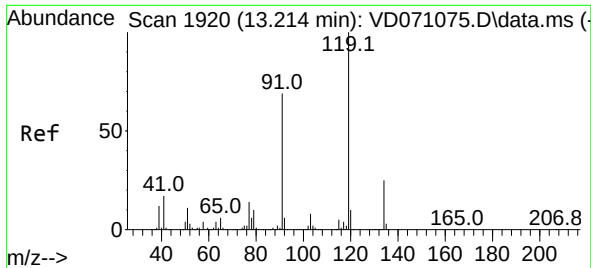
Tgt Ion:117	Resp:	7226
Ion	Ratio	Lower Upper
117	100	
82	61.6	44.7 67.1
119	31.2	26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071136.D
Acq: 03 Dec 2021 15:49

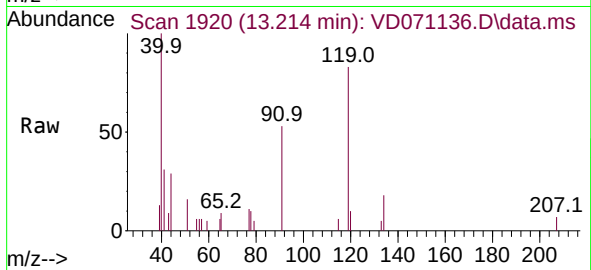
Tgt Ion:152	Resp:	2874
Ion	Ratio	Lower Upper
152	100	
115	64.6	29.8 89.3
150	166.6	0.0 349.2





#83
 tert-Butylbenzene
 Concen: 26.572 ug/l
 RT: 13.214 min Scan# 1920
 Delta R.T. -0.000 min
 Lab File: VD071136.D
 Acq: 03 Dec 2021 15:49

Instrument :
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Tgt Ion:	119	Resp:	3916
Ion	Ratio	Lower	Upper
119	100		
91	66.0	32.5	97.5
134	20.9	13.2	39.6

