

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120321\
 Data File : VD071133.D
 Acq On : 03 Dec 2021 14:03
 Operator : VA/SY
 Sample : M4920-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Dec 04 03:50:23 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)

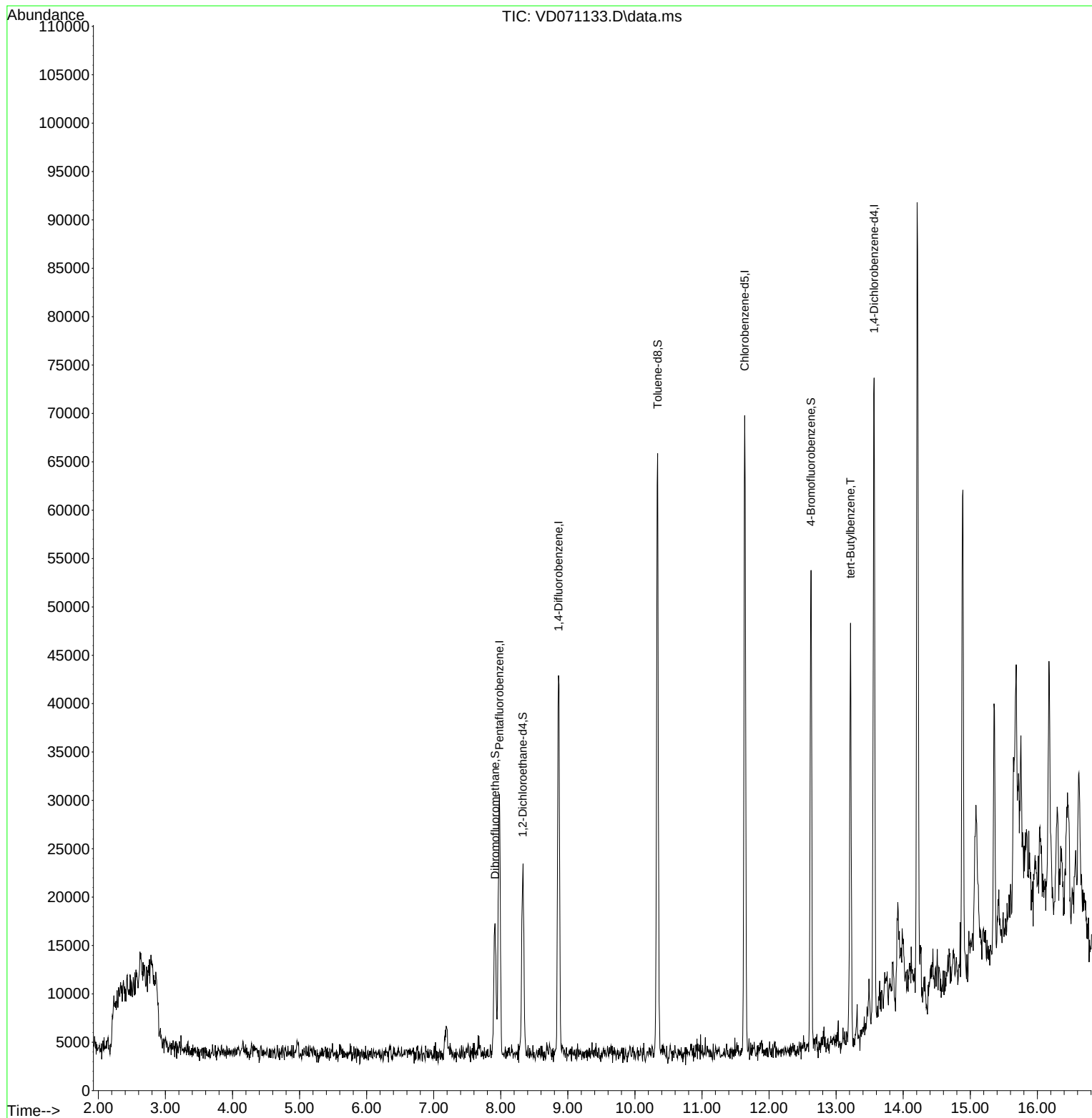
Internal Standards						
1) Pentafluorobenzene	7.979	168	19564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	32010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	35680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	16267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	15176	66.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.220%
35) Dibromofluoromethane	7.914	113	9228	45.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.540%
50) Toluene-d8	10.338	98	39741	51.232	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.626	95	16523	61.450	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.900%
Target Compounds						
83) tert-Butylbenzene	13.214	119	17077	20.473	ug/l	Qvalue 99

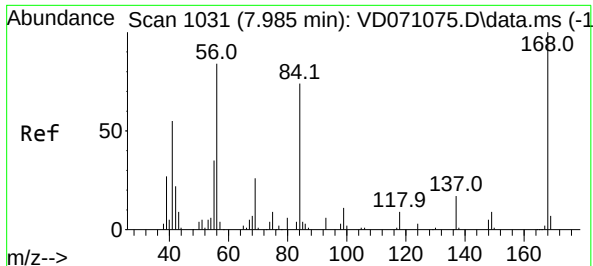
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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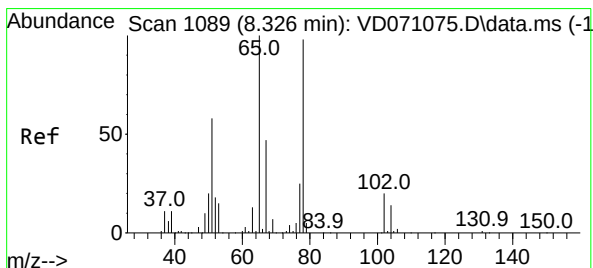
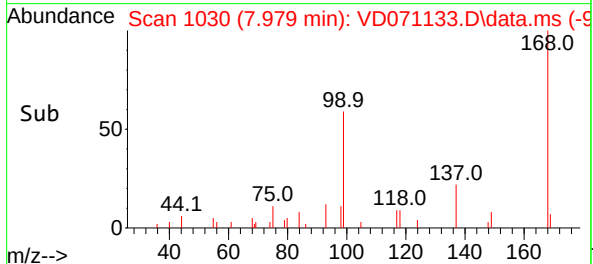
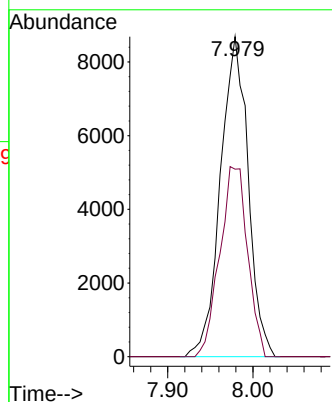
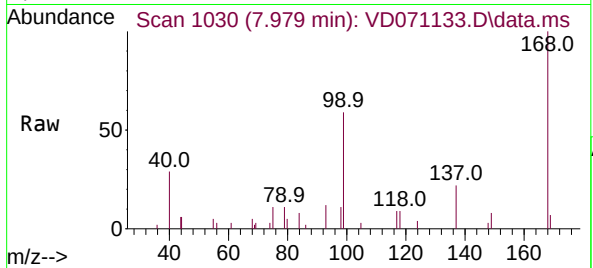




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071133.D
Acq: 03 Dec 2021 14:03

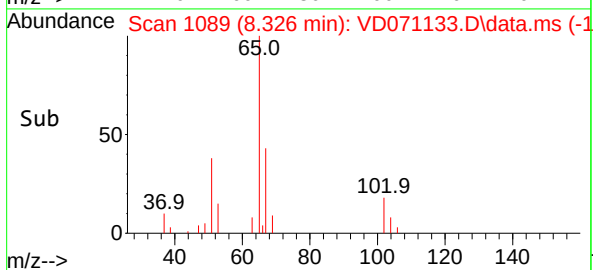
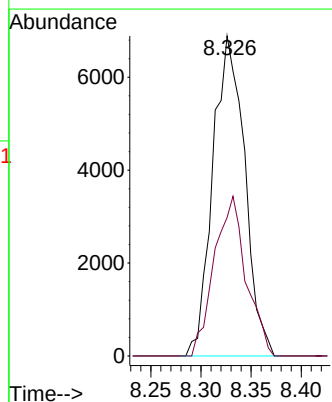
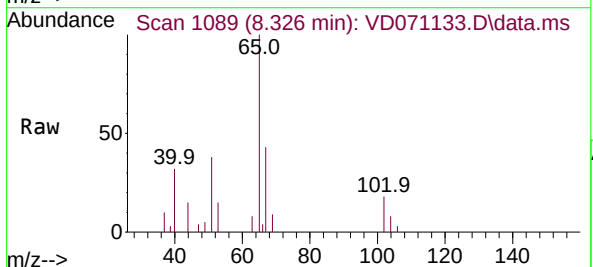
Instrument :
MSVOA_D
ClientSampleId :
FDR-20211202-WC-S

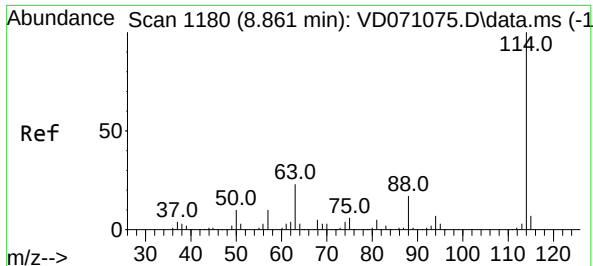
Tgt Ion:168 Resp: 19564
Ion Ratio Lower Upper
168 100
99 58.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 66.109 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071133.D
Acq: 03 Dec 2021 14:03

Tgt Ion: 65 Resp: 15176
Ion Ratio Lower Upper
65 100
67 50.1 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: VD071133.D

Acq: 03 Dec 2021 14:03

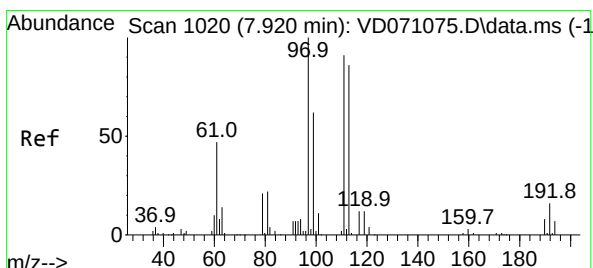
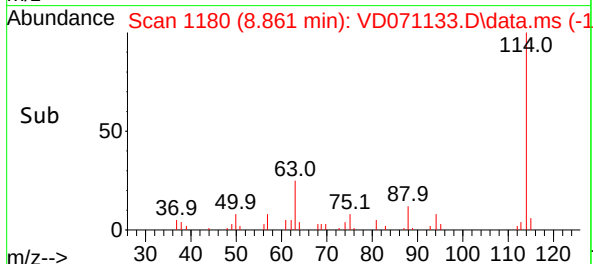
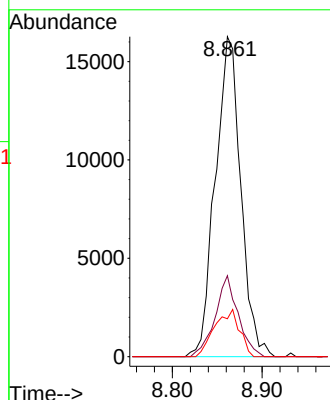
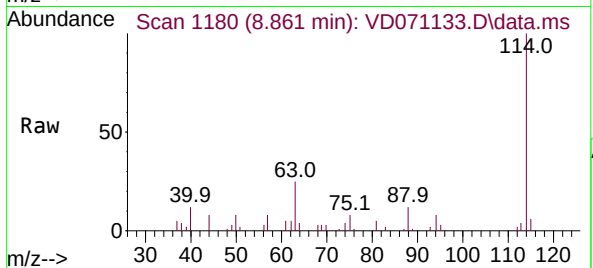
Instrument :

MSVOA_D

ClientSampleId :

FDR-20211202-WC-S

Tgt Ion:114	Resp:	32010
Ion Ratio	Lower	Upper
114	100	
63	25.3	0.0 41.8
88	11.8	0.0 32.8



#35

Dibromofluoromethane

Concen: 45.272 ug/l

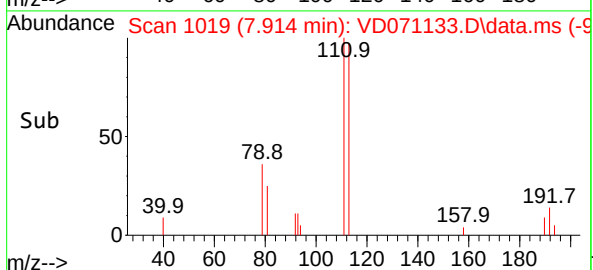
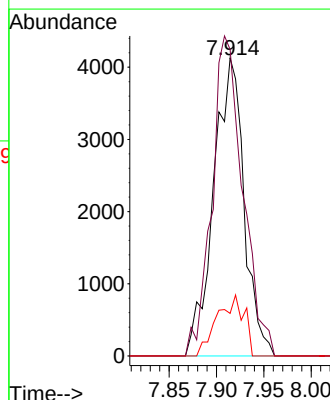
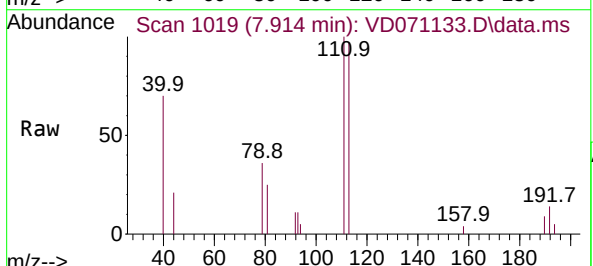
RT: 7.914 min Scan# 1019

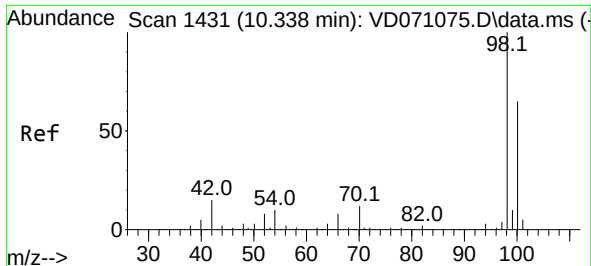
Delta R.T. -0.006 min

Lab File: VD071133.D

Acq: 03 Dec 2021 14:03

Tgt Ion:113	Resp:	9228
Ion Ratio	Lower	Upper
113	100	
111	108.8	82.0 123.0
192	18.0	15.2 22.8

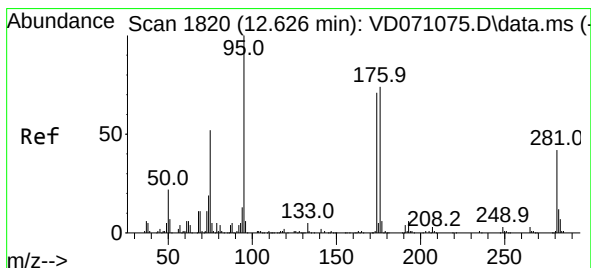
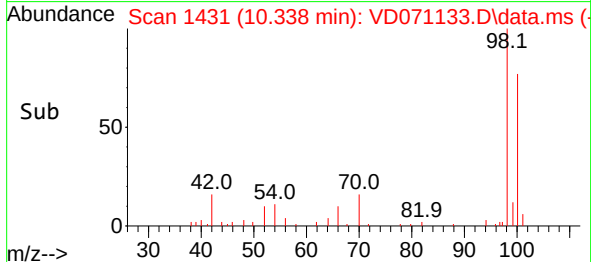
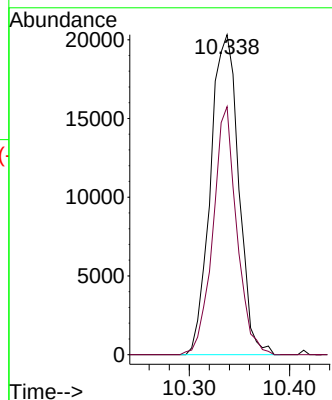
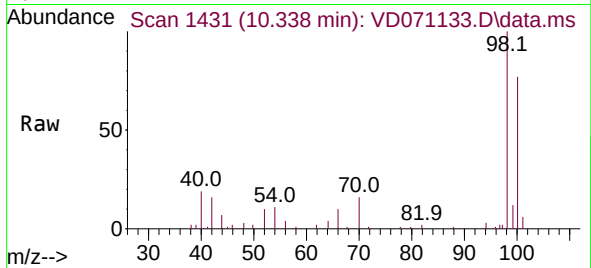




#50
Toluene-d8
Concen: 51.232 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071133.D
Acq: 03 Dec 2021 14:03

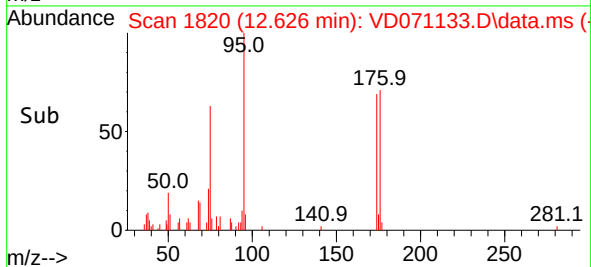
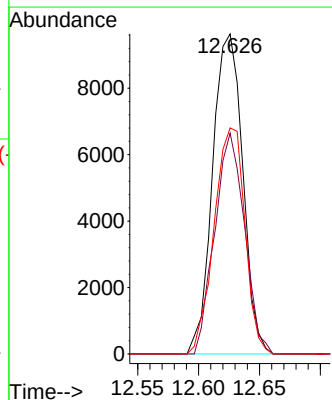
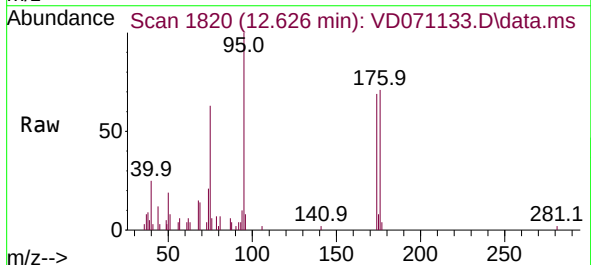
Instrument :
MSVOA_D
ClientSampleId :
FDR-20211202-WC-S

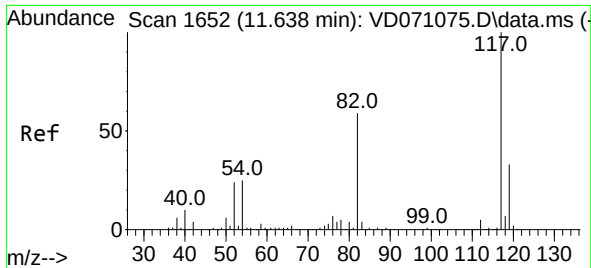
Tgt Ion: 98 Resp: 39741
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 61.450 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071133.D
Acq: 03 Dec 2021 14:03

Tgt Ion: 95 Resp: 16523
Ion Ratio Lower Upper
95 100
174 68.4 0.0 159.4
176 72.3 0.0 154.0

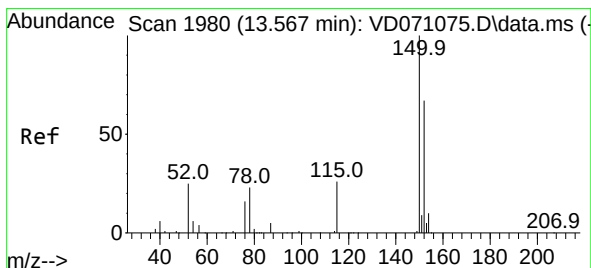
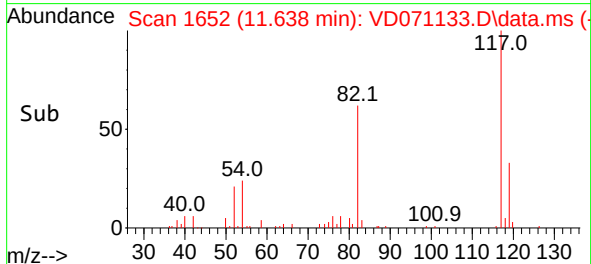
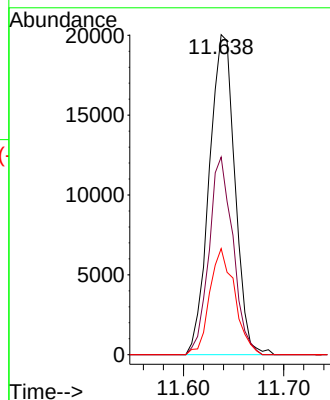
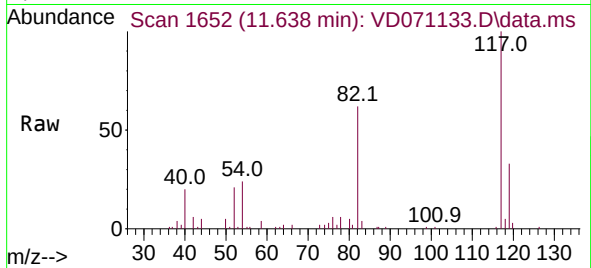




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071133.D
Acq: 03 Dec 2021 14:03

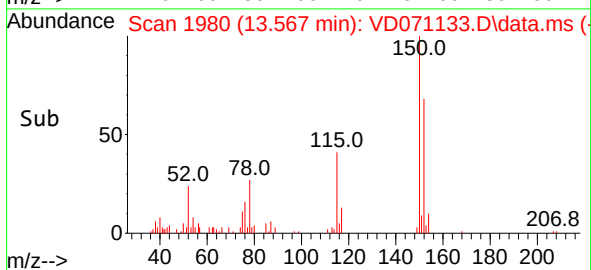
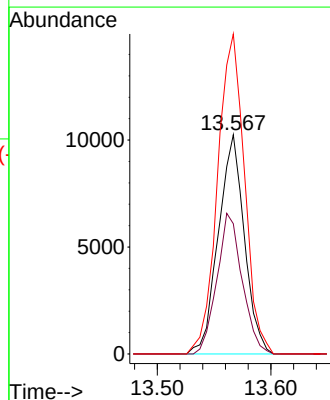
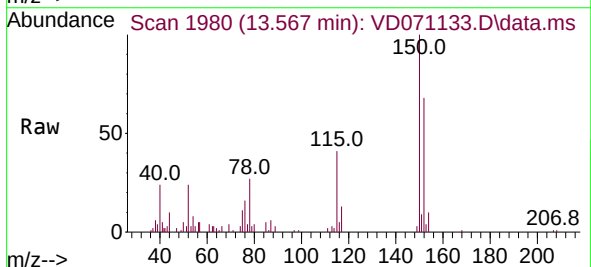
Instrument :
MSVOA_D
ClientSampleId :
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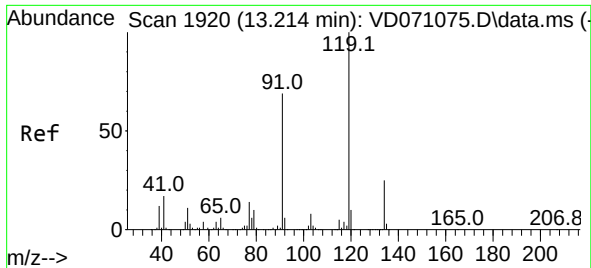
Tgt Ion:117 Resp: 35680
Ion Ratio Lower Upper
117 100
82 61.8 44.7 67.1
119 33.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071133.D
Acq: 03 Dec 2021 14:03

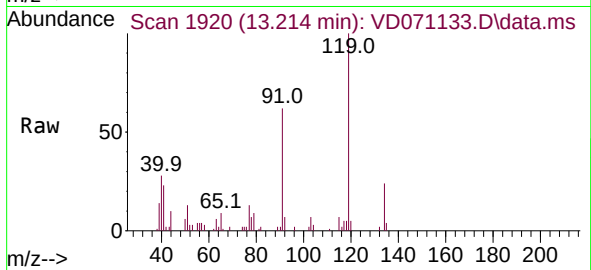
Tgt Ion:152 Resp: 16267
Ion Ratio Lower Upper
152 100
115 62.4 29.8 89.3
150 151.2 0.0 349.2





#83
 tert-Butylbenzene
 Concen: 20.473 ug/l
 RT: 13.214 min Scan# 1920
 Delta R.T. 0.000 min
 Lab File: VD071133.D
 Acq: 03 Dec 2021 14:03

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



Tgt Ion:	119	Resp:	17077
Ion	Ratio	Lower	Upper
119	100		
91	66.2	32.5	97.5
134	26.8	13.2	39.6

