

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071268.D
 Acq On : 11 Dec 2021 14:26
 Operator : VA/SY
 Sample : M4973-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-120821

Quant Time: Dec 12 17:52:04 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)

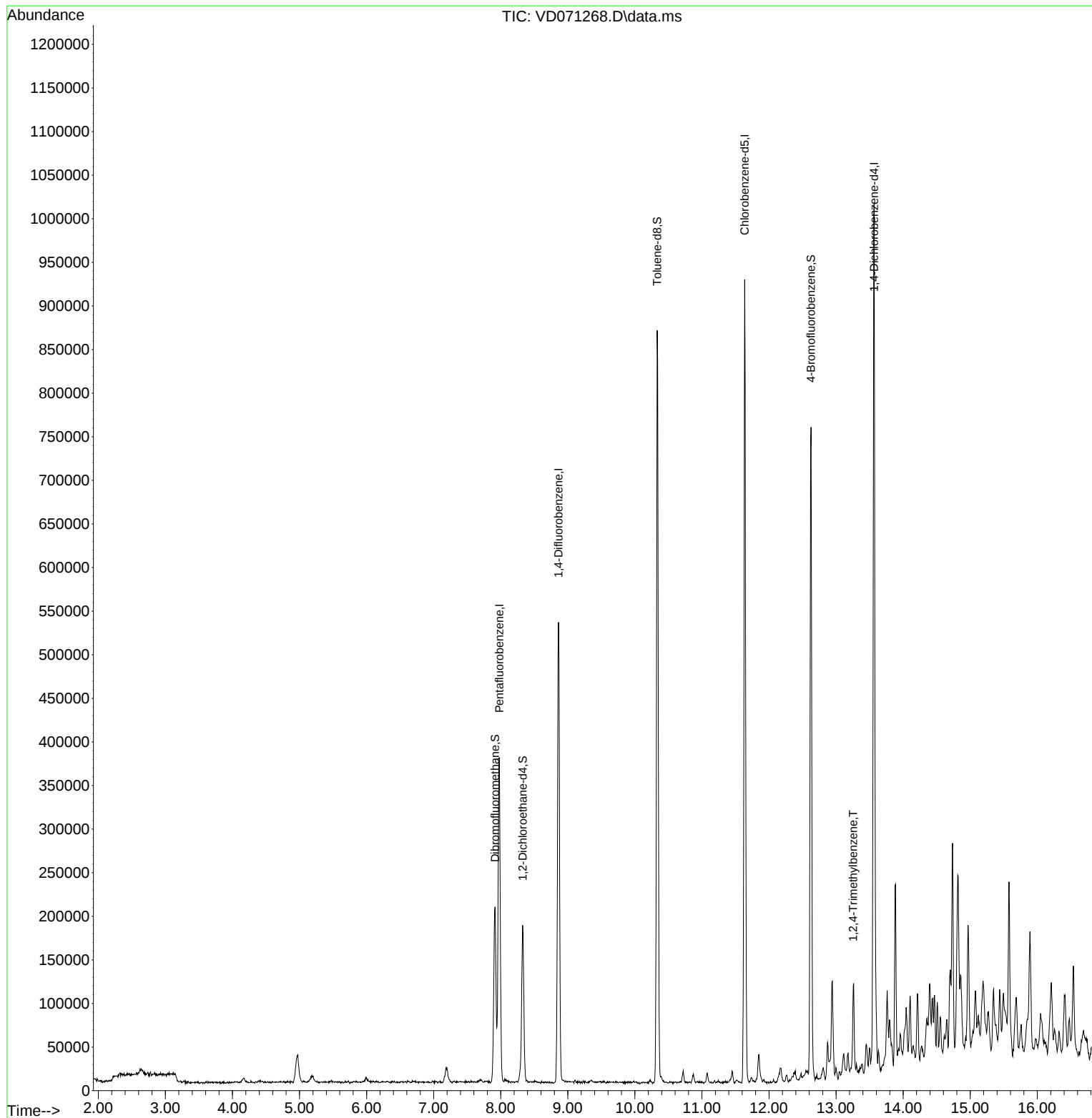
Internal Standards						
1) Pentafluorobenzene	7.979	168	256126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	435836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	478411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	239656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	139770	46.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.020%
35) Dibromofluoromethane	7.914	113	137631	49.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.332	98	557725	52.807	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.620%
62) 4-Bromofluorobenzene	12.626	95	233758	63.850	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.700%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.255	105	56161	4.020	ug/l	Qvalue 100

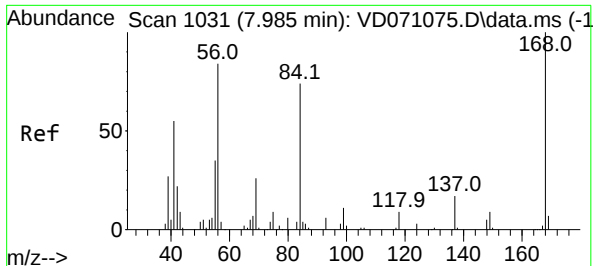
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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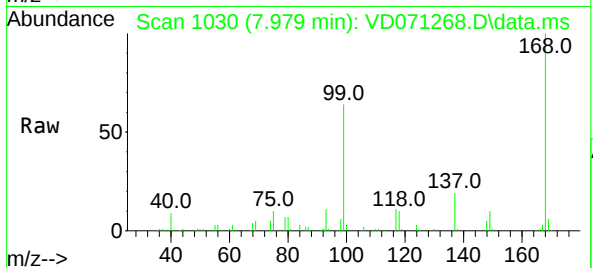
Quant Time: Dec 12 17:52:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
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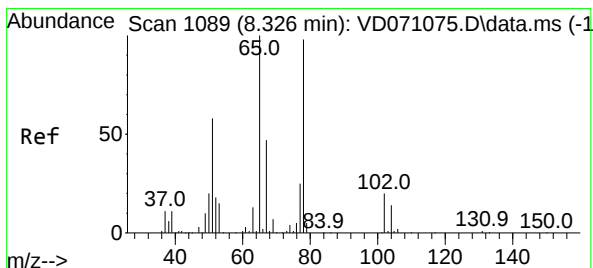
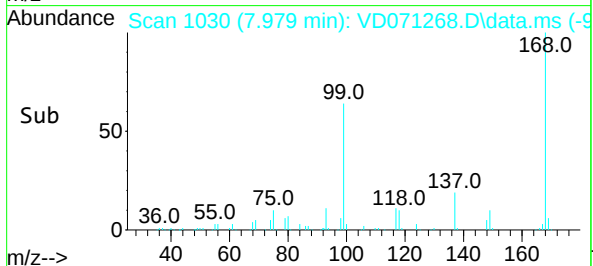
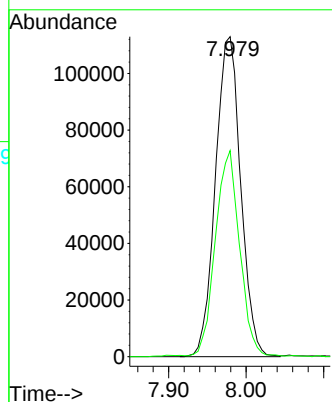


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071268.D
Acq: 11 Dec 2021 14:26

Instrument :
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ClientSampleId :
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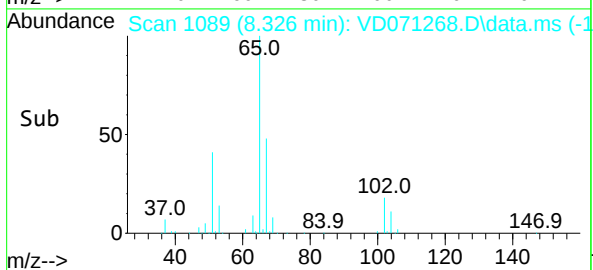
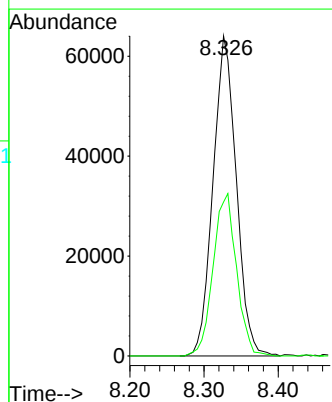
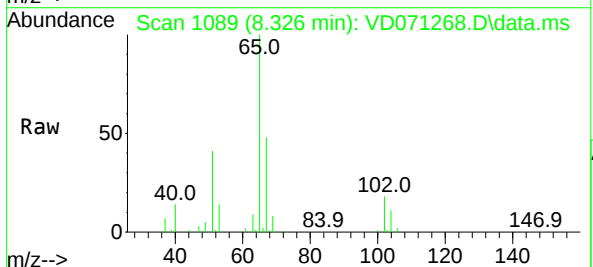


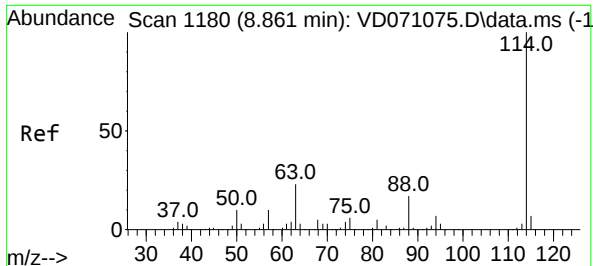
Tgt Ion:168 Resp: 256126
Ion Ratio Lower Upper
168 100
99 64.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 46.507 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071268.D
Acq: 11 Dec 2021 14:26

Tgt Ion: 65 Resp: 139770
Ion Ratio Lower Upper
65 100
67 51.2 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: VD071268.D

Acq: 11 Dec 2021 14:26

Instrument :

MSVOA_D

ClientSampleId :

HD-02-120821

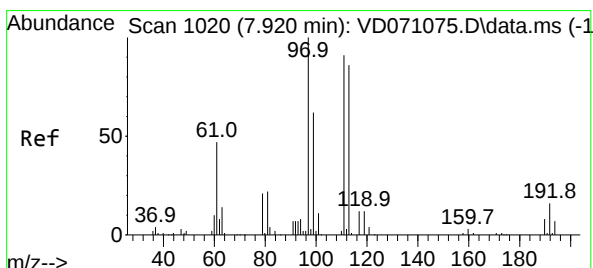
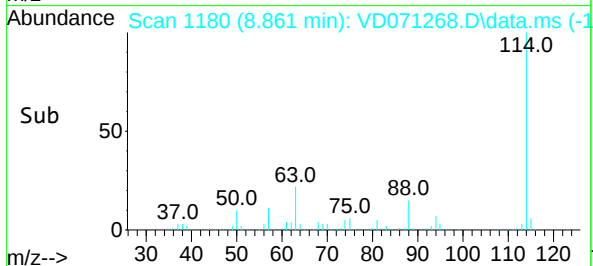
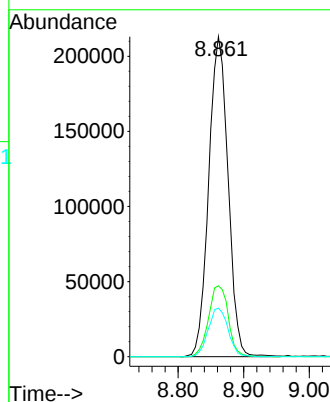
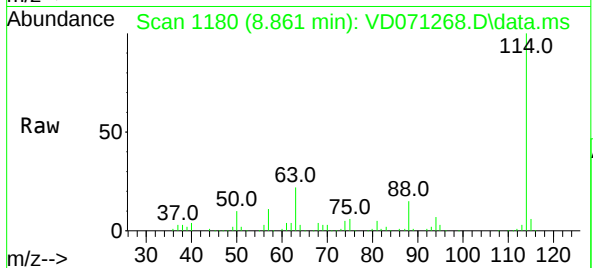
Tgt Ion:114 Resp: 435836

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 15.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.590 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071268.D

Acq: 11 Dec 2021 14:26

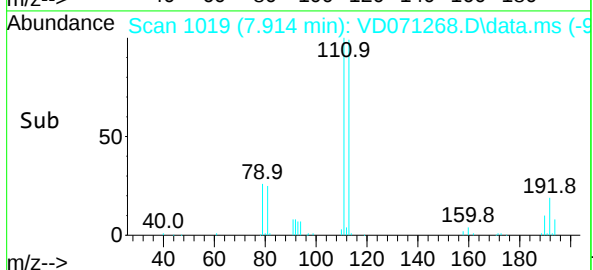
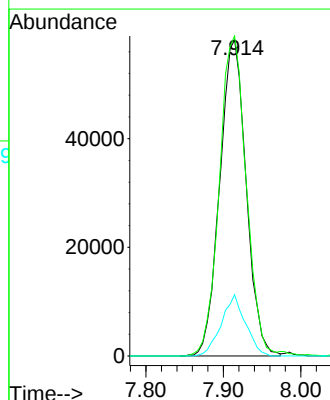
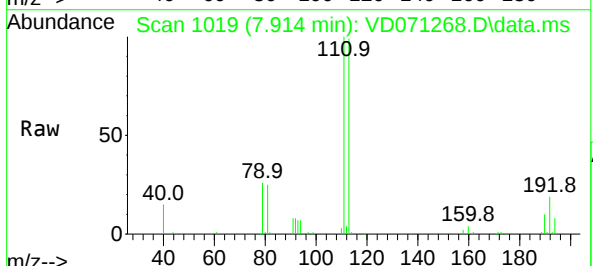
Tgt Ion:113 Resp: 137631

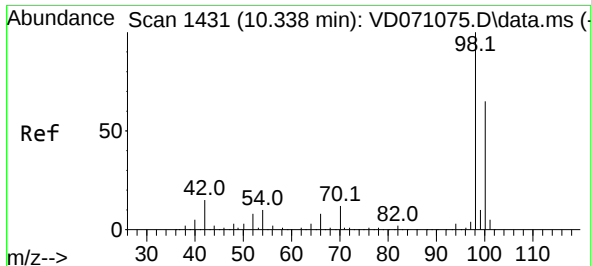
Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 17.8 15.2 22.8

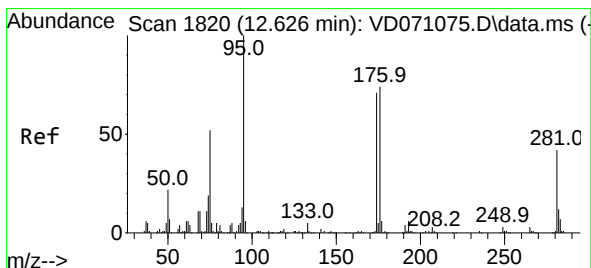
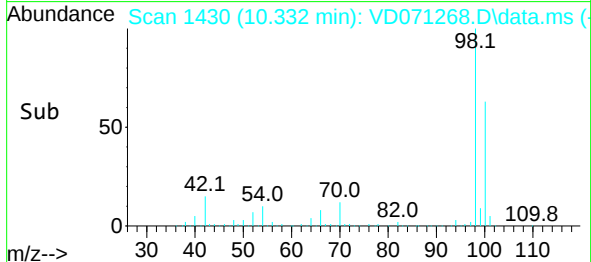
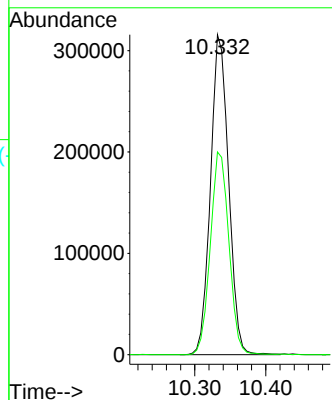
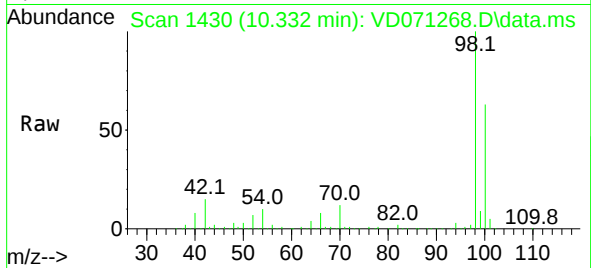




#50
Toluene-d8
Concen: 52.807 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071268.D
Acq: 11 Dec 2021 14:26

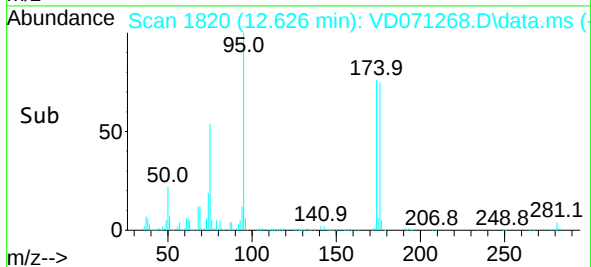
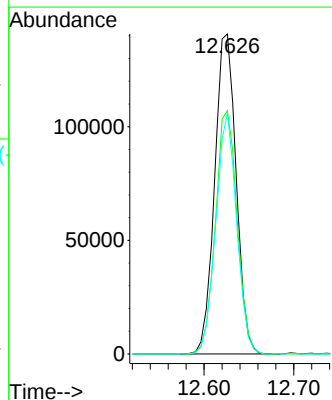
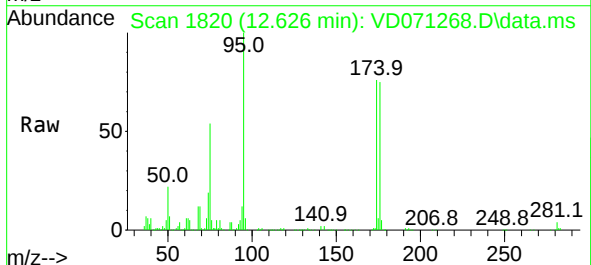
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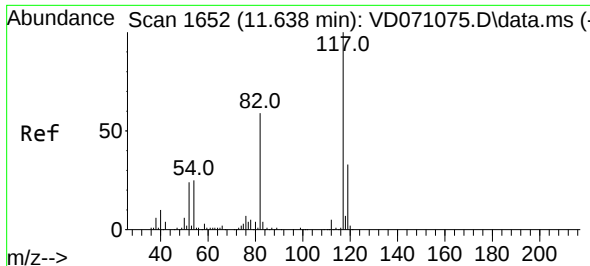
Tgt Ion: 98 Resp: 557725
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 63.850 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071268.D
Acq: 11 Dec 2021 14:26

Tgt Ion: 95 Resp: 233758
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.4
176 72.7 0.0 154.0

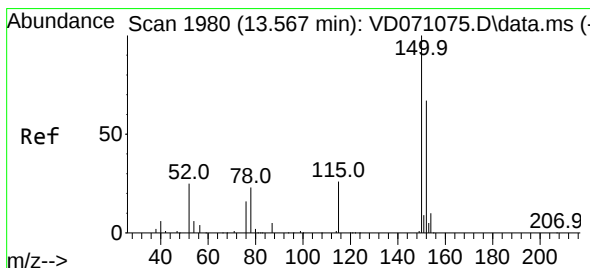
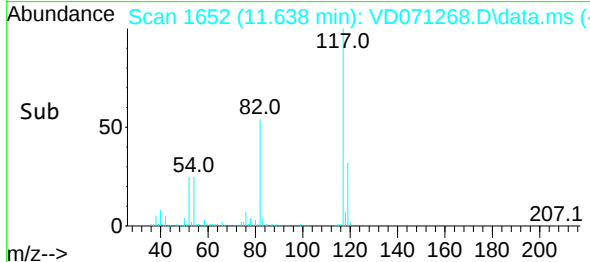
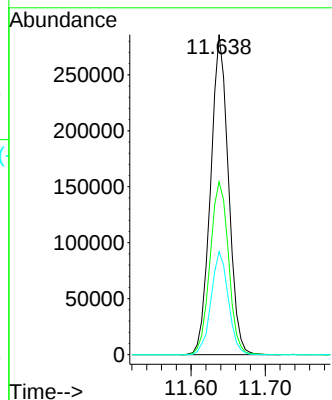
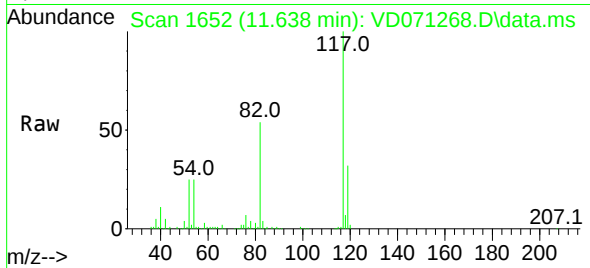




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071268.D
Acq: 11 Dec 2021 14:26

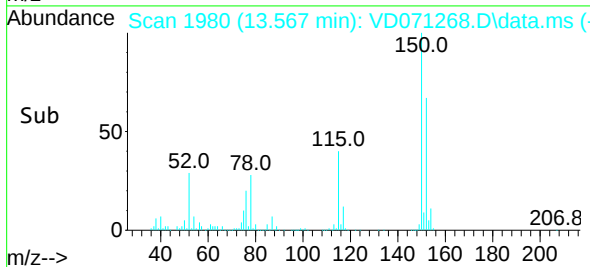
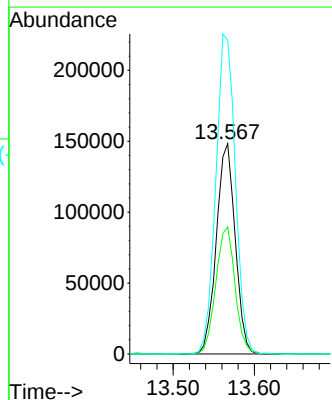
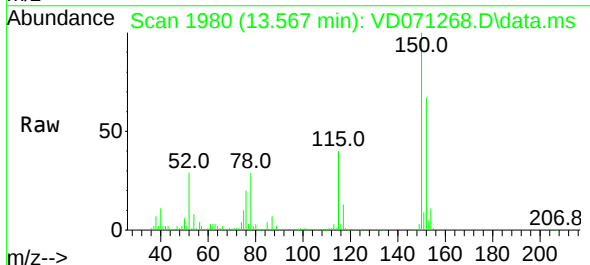
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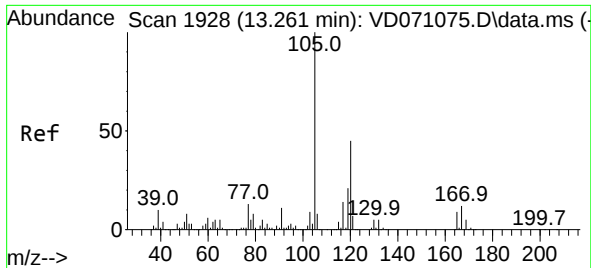
Tgt Ion:117 Resp: 478411
Ion Ratio Lower Upper
117 100
82 54.0 44.7 67.1
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071268.D
Acq: 11 Dec 2021 14:26

Tgt Ion:152 Resp: 239656
Ion Ratio Lower Upper
152 100
115 61.8 29.8 89.3
150 157.3 0.0 349.2





#84
 1,2,4-Trimethylbenzene
 Concen: 4.020 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: VD071268.D
 Acq: 11 Dec 2021 14:26

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-120821

Tgt Ion:105 Resp: 56161
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.7

