

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074384.D
 Acq On : 21 Sep 2022 12:53
 Operator : VA/SY
 Sample : N4641-11RE
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22001-18RE

Quant Time: Sep 22 05:11:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

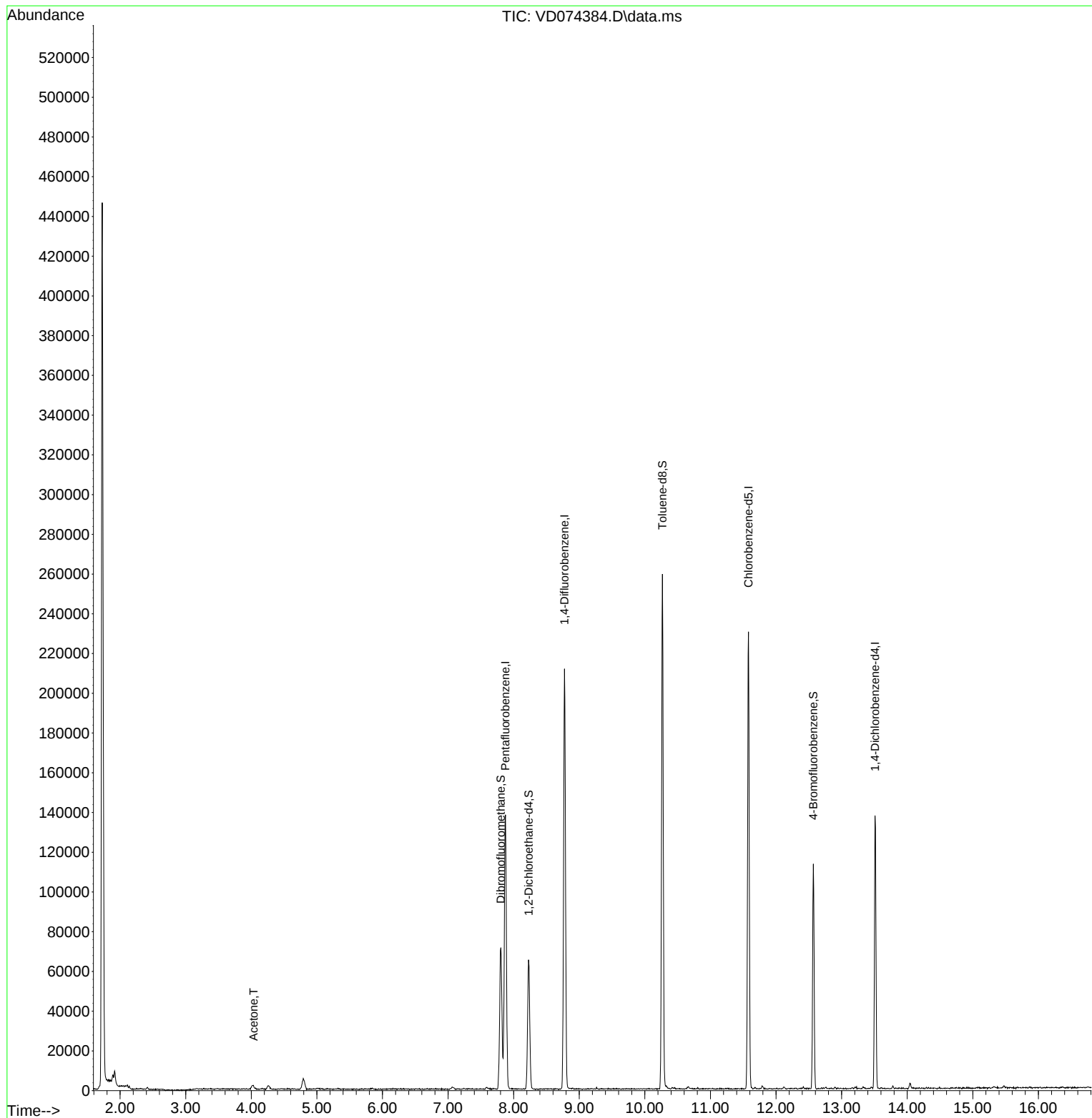
Internal Standards						
1) Pentafluorobenzene	7.875	168	106678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	187959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	133819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	36520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50344	48.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.804	113	53355	43.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.200%
50) Toluene-d8	10.269	98	181258	42.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.880%
62) 4-Bromofluorobenzene	12.569	95	33831	19.934	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.860%
Target Compounds					Qvalue	
16) Acetone	4.034	43	3571	15.255	ug/l	93

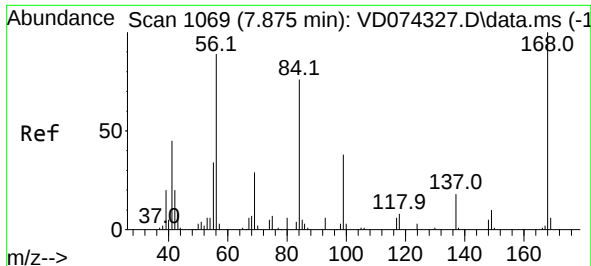
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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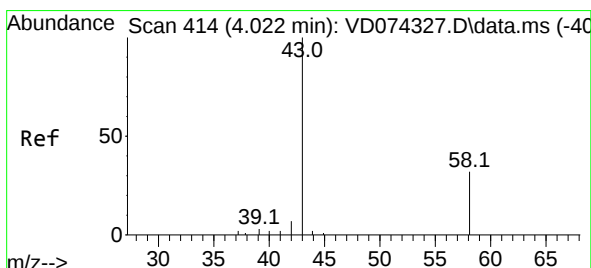
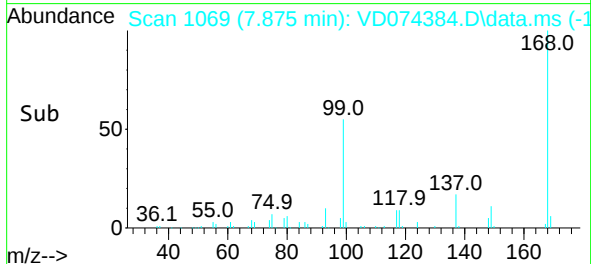
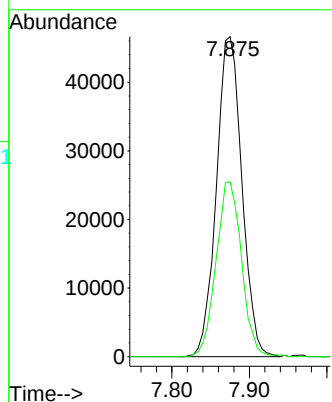
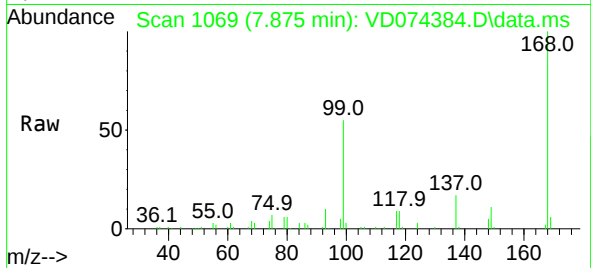




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074384.D
Acq: 21 Sep 2022 12:53

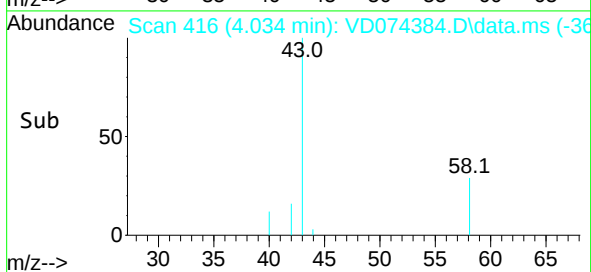
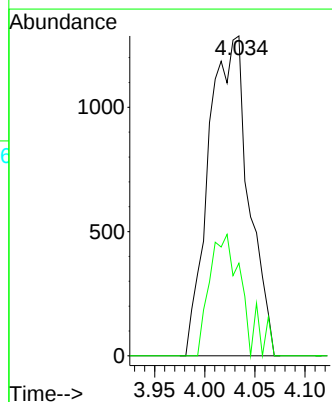
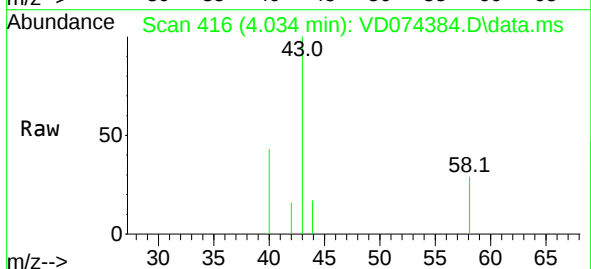
Instrument :
MSVOA_D
ClientSampleId :
D22001-18RE

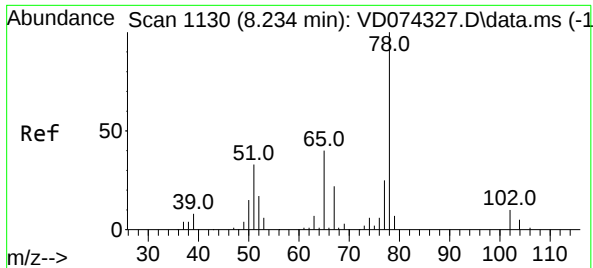
Tgt Ion:168 Resp: 106678
Ion Ratio Lower Upper
168 100
99 54.6 43.0 64.6



#16
Acetone
Concen: 15.255 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD074384.D
Acq: 21 Sep 2022 12:53

Tgt Ion: 43 Resp: 3571
Ion Ratio Lower Upper
43 100
58 29.0 26.4 39.6





#33

1,2-Dichloroethane-d4

Concen: 48.451 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074384.D

Acq: 21 Sep 2022 12:53

Instrument :

MSVOA_D

ClientSampleId :

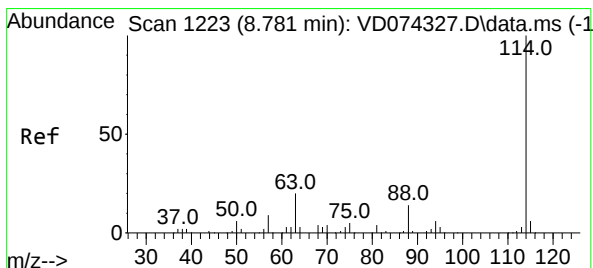
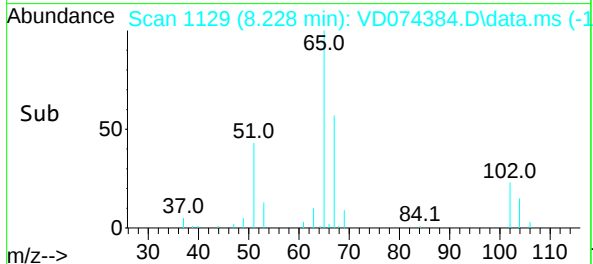
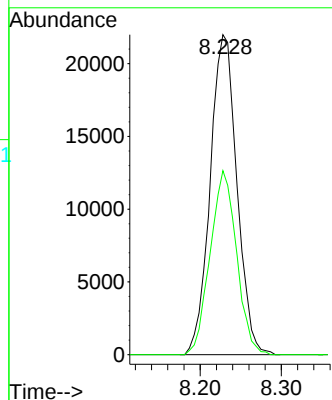
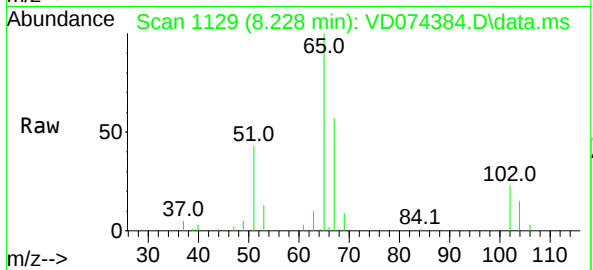
D22001-18RE

Tgt Ion: 65 Resp: 50344

Ion Ratio Lower Upper

65 100

67 56.9 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074384.D

Acq: 21 Sep 2022 12:53

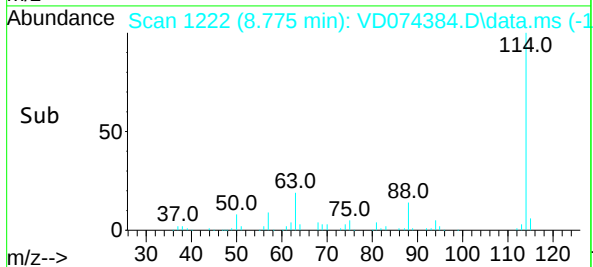
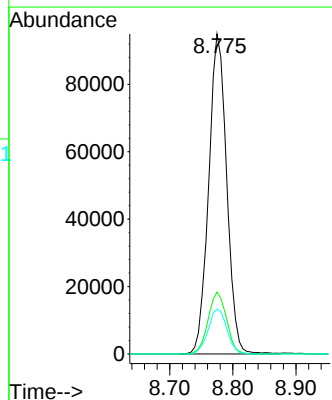
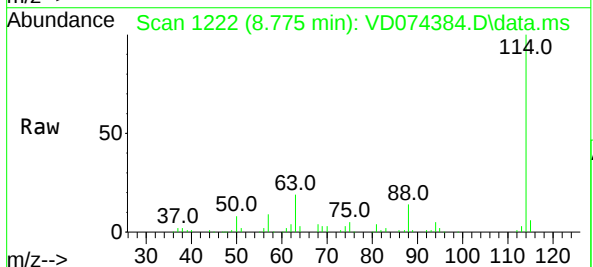
Tgt Ion:114 Resp: 187959

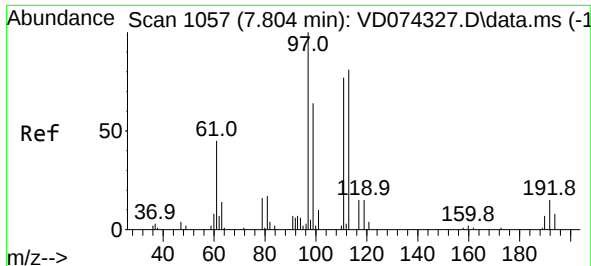
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 14.0 0.0 28.4





#35

Dibromofluoromethane

Concen: 43.101 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074384.D

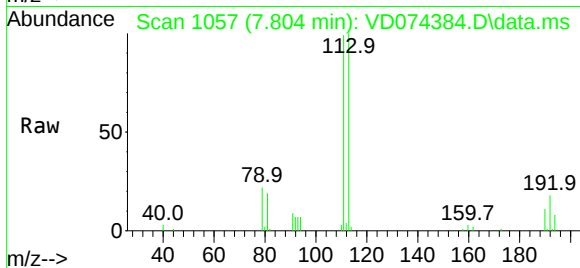
Acq: 21 Sep 2022 12:53

Instrument :

MSVOA_D

ClientSampleId :

D22001-18RE



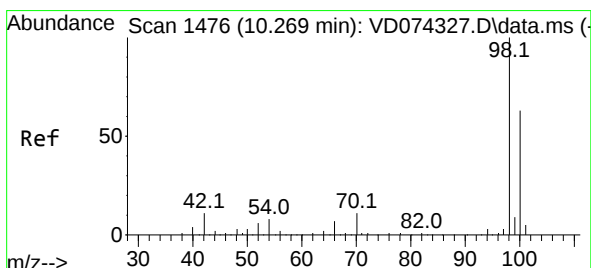
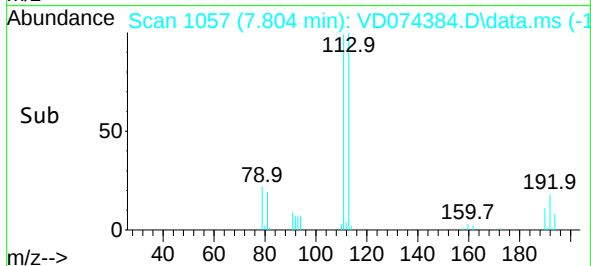
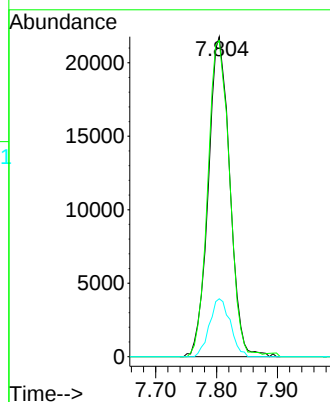
Tgt Ion:113 Resp: 53355

Ion Ratio Lower Upper

113 100

111 100.0 83.0 124.6

192 17.4 16.2 24.2



#50

Toluene-d8

Concen: 42.435 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074384.D

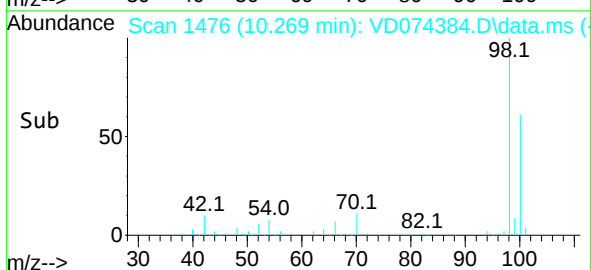
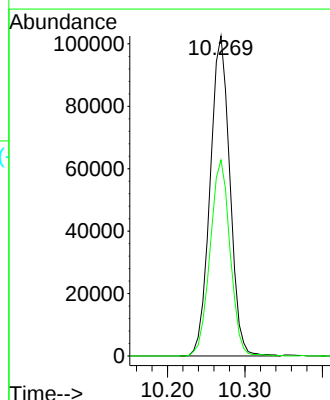
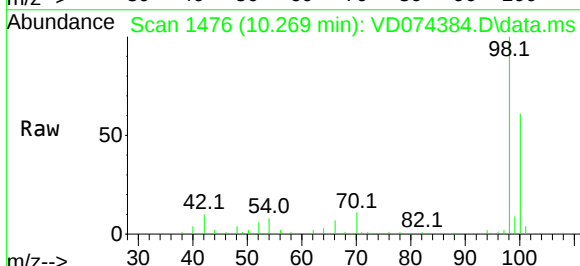
Acq: 21 Sep 2022 12:53

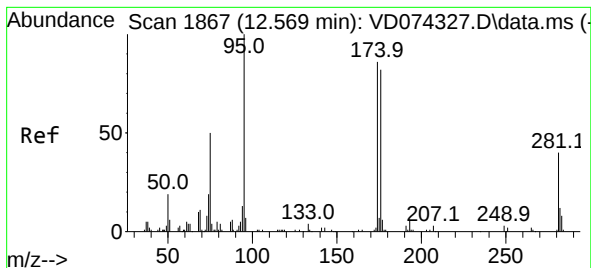
Tgt Ion: 98 Resp: 181258

Ion Ratio Lower Upper

98 100

100 61.9 51.8 77.8

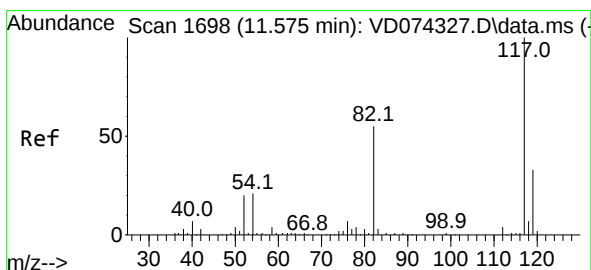
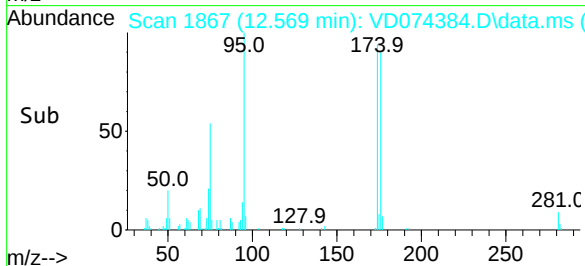
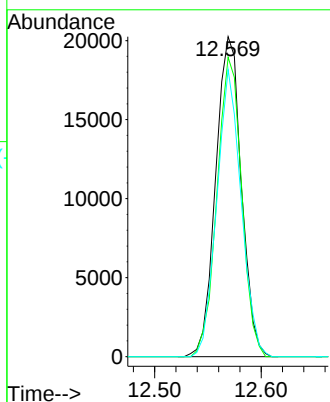
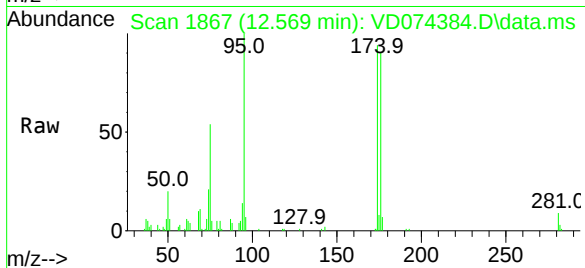




#62
4-Bromofluorobenzene
Concen: 19.934 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074384.D
Acq: 21 Sep 2022 12:53

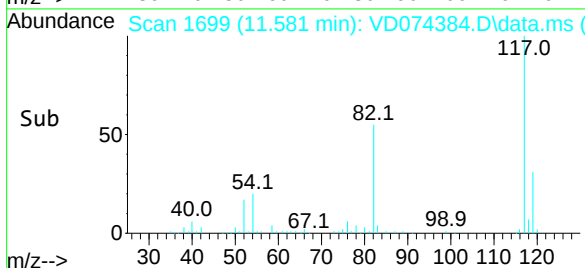
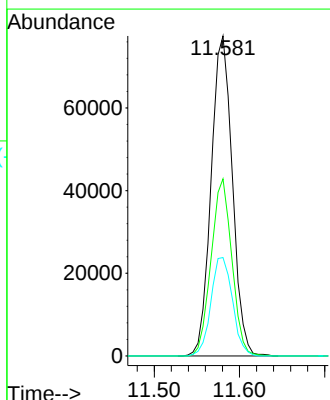
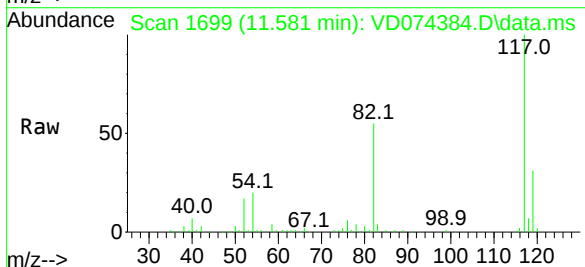
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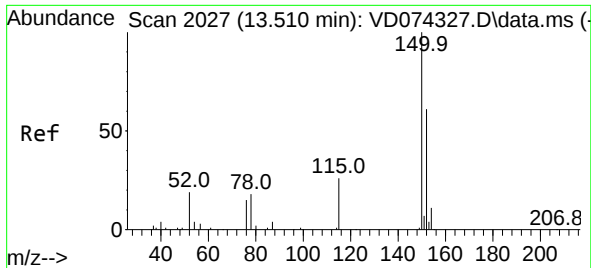
Tgt Ion: 95 Resp: 33831
Ion Ratio Lower Upper
95 100
174 89.8 0.0 179.2
176 85.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074384.D
Acq: 21 Sep 2022 12:53

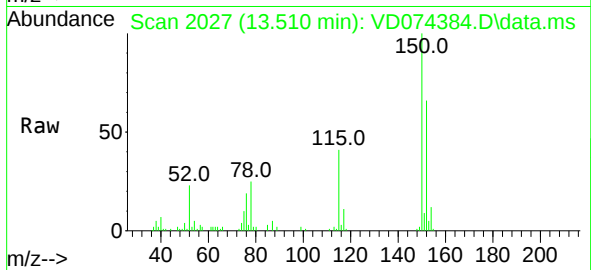
Tgt Ion: 117 Resp: 133819
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 30.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074384.D
 Acq: 21 Sep 2022 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 D22001-18RE



Tgt Ion:152 Resp: 36520
 Ion Ratio Lower Upper
 152 100
 115 58.7 28.4 85.2
 150 155.5 0.0 351.0

