

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044972.D
 Acq On : 29 Sep 2021 04:06
 Operator : SY/MD
 Sample : M3936-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P-1

Quant Time: Sep 29 05:51:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

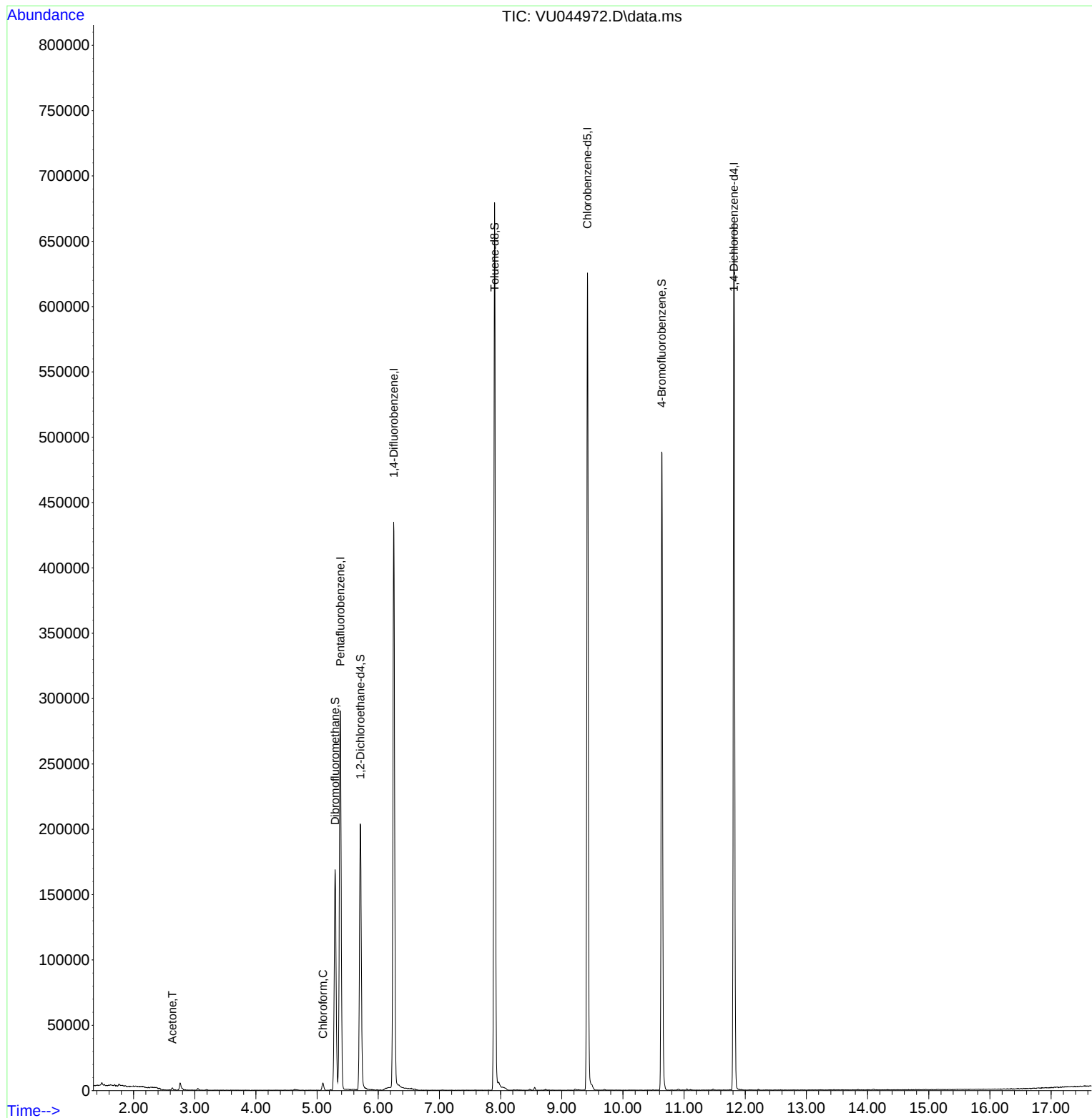
Internal Standards						
1) Pentafluorobenzene	5.378	168	191462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	335719	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	328390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	159745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	157186	49.319	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.640%
35) Dibromofluoromethane	5.295	113	110704	52.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	7.902	98	436960	52.219	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.440%
62) 4-Bromofluorobenzene	10.635	95	163023	47.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.380%
Target Compounds						
					Qvalue	
16) Acetone	2.633	43	2059	1.088	ug/l	94
30) Chloroform	5.096	83	4940	0.995	ug/l	100

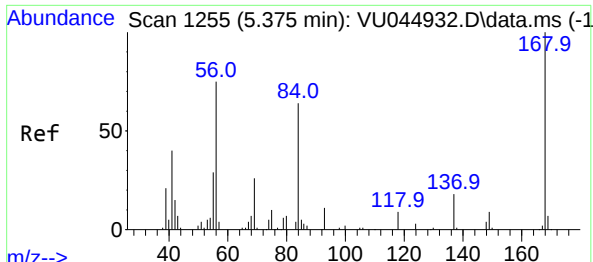
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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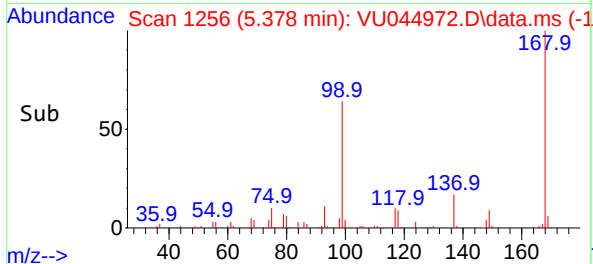
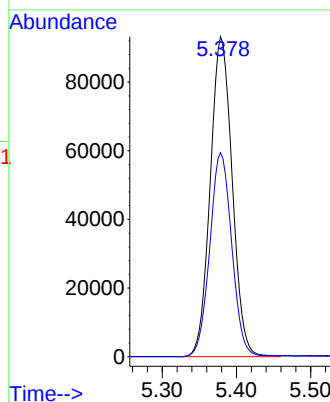
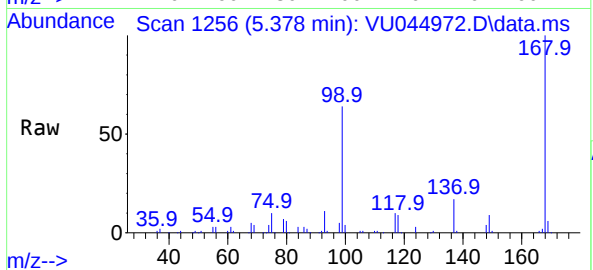




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

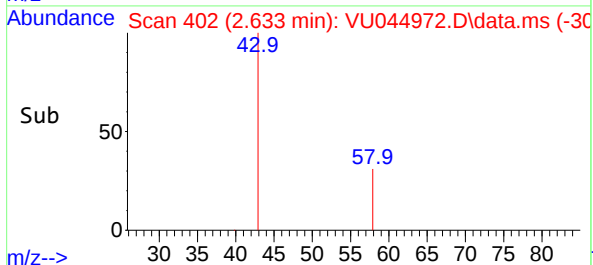
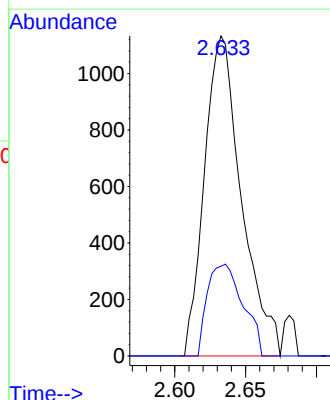
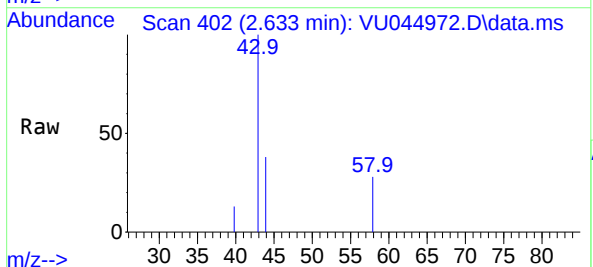
Instrument :
MSVOA_U
ClientSampleId :
P-1

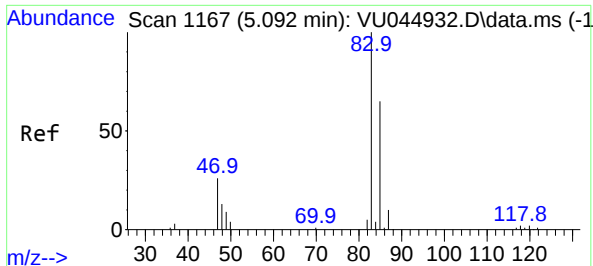
Tgt Ion:168 Resp: 191462
Ion Ratio Lower Upper
168 100
99 63.8 51.4 77.0



#16
Acetone
Concen: 1.088 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

Tgt Ion: 43 Resp: 2059
Ion Ratio Lower Upper
43 100
58 28.1 25.2 37.8





#30

Chloroform

Concen: 0.995 ug/l

RT: 5.096 min Scan# 1167

Delta R.T. 0.004 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

Instrument :

MSVOA_U

ClientSampleId :

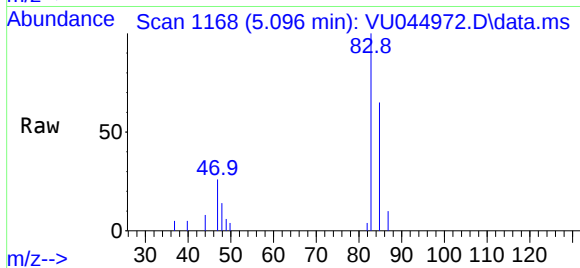
P-1

Tgt Ion: 83 Resp: 4940

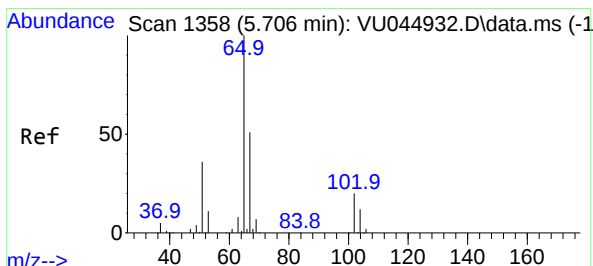
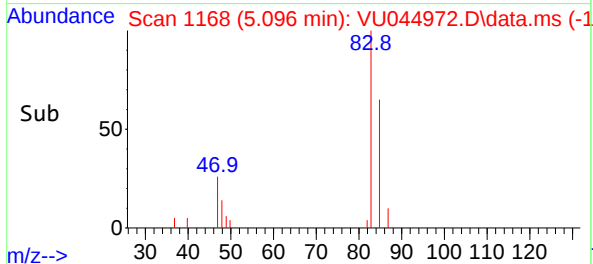
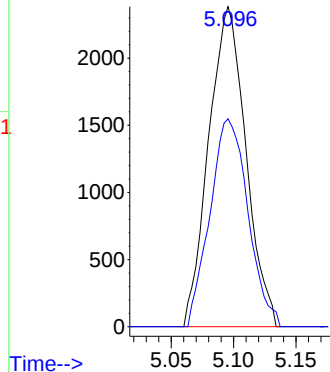
Ion Ratio Lower Upper

83 100

85 65.0 52.1 78.1



Abundance



#33

1,2-Dichloroethane-d4

Concen: 49.319 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044972.D

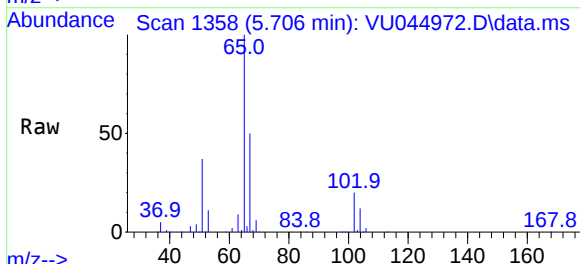
Acq: 29 Sep 2021 04:06

Tgt Ion: 65 Resp: 157186

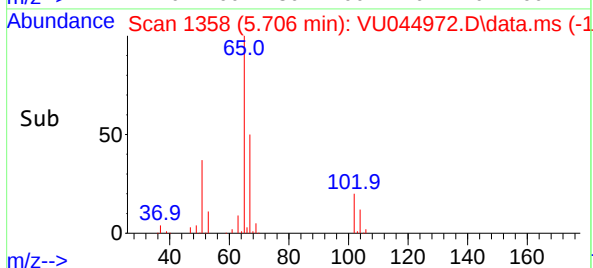
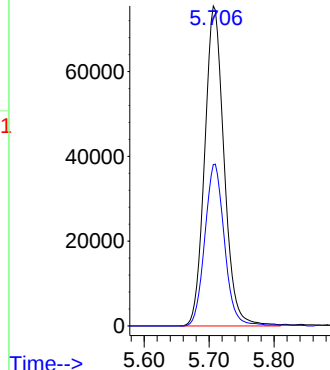
Ion Ratio Lower Upper

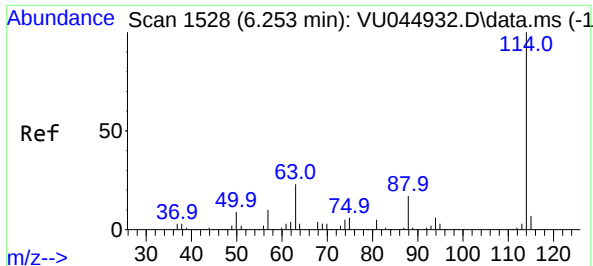
65 100

67 51.0 0.0 104.8



Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

Instrument :

MSVOA_U

ClientSampleId :

P-1

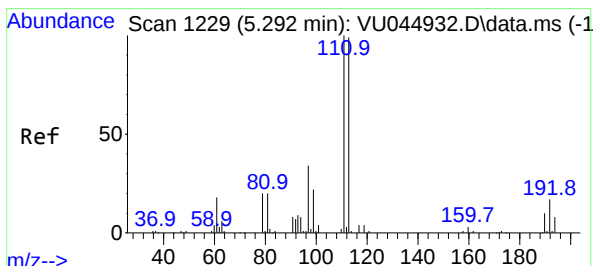
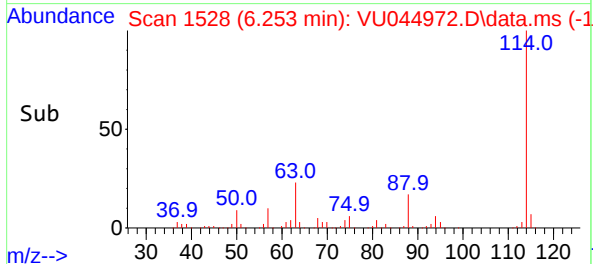
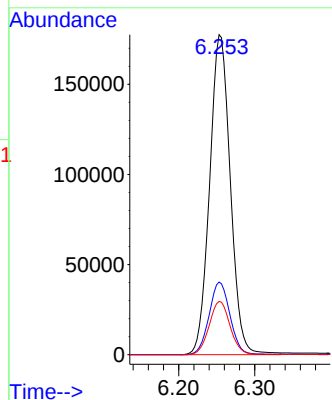
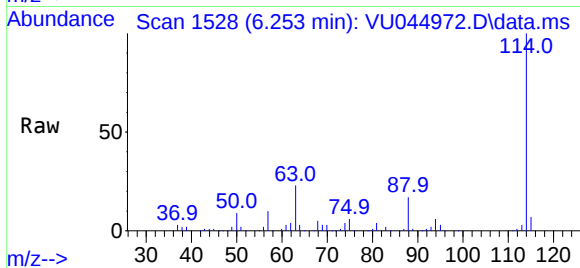
Tgt Ion:114 Resp: 335719

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.272 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

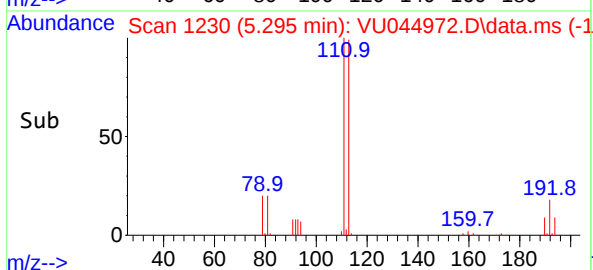
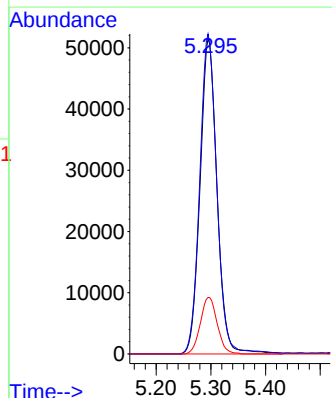
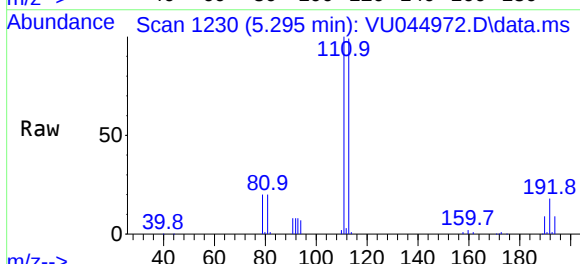
Tgt Ion:113 Resp: 110704

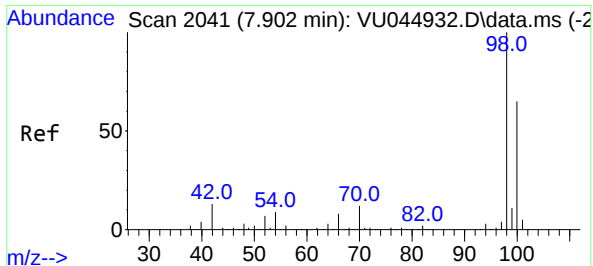
Ion Ratio Lower Upper

113 100

111 102.6 84.1 126.1

192 17.8 14.8 22.2

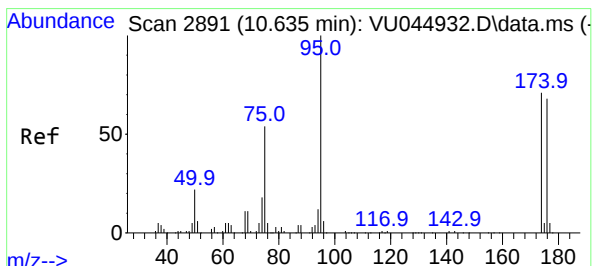
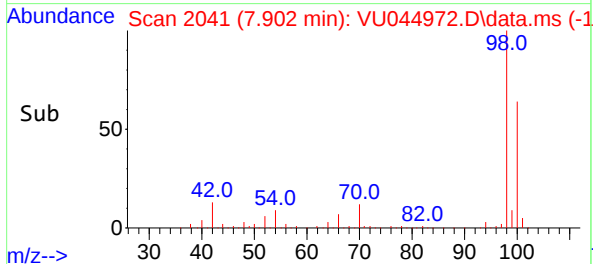
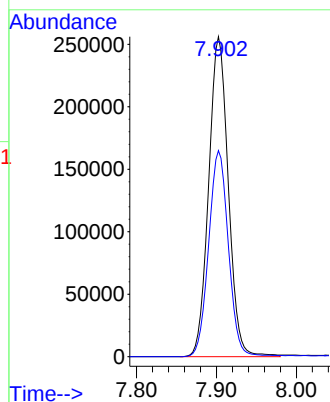
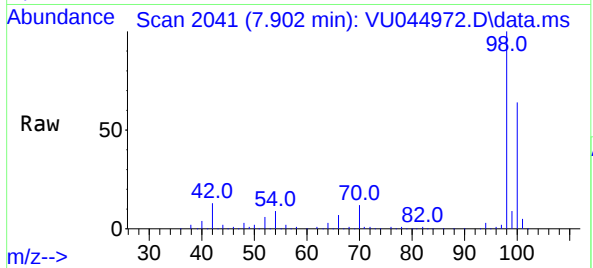




#50
Toluene-d8
Concen: 52.219 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

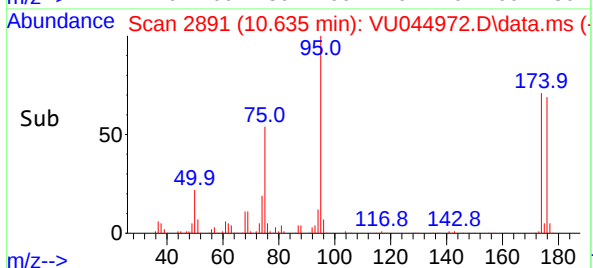
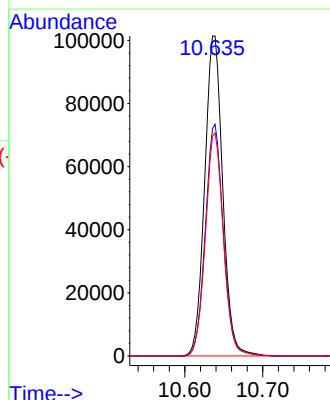
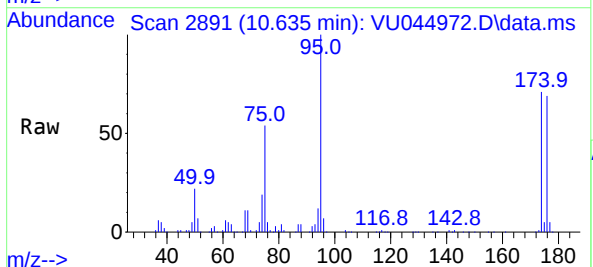
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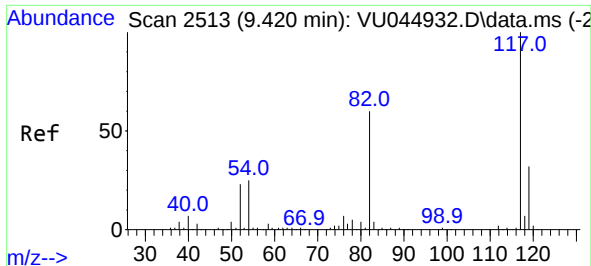
Tgt Ion: 98 Resp: 436960
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.189 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044972.D
Acq: 29 Sep 2021 04:06

Tgt Ion: 95 Resp: 163023
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.6
176 69.4 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2513

Delta R.T. 0.000 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

Instrument :

MSVOA_U

ClientSampleId :

P-1

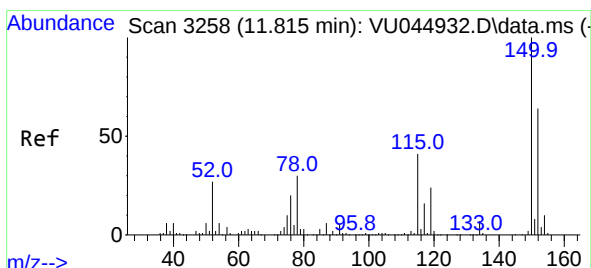
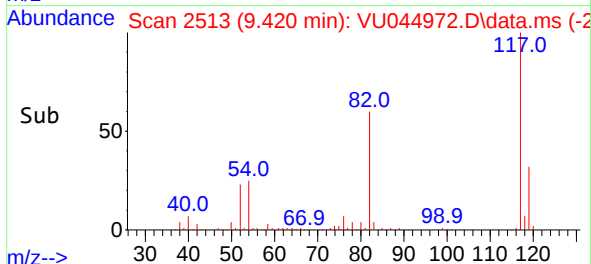
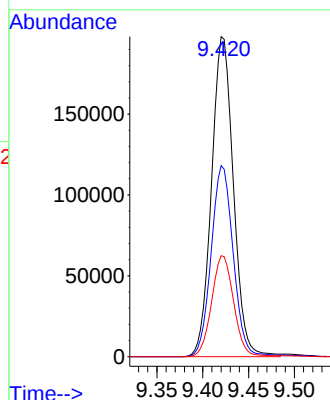
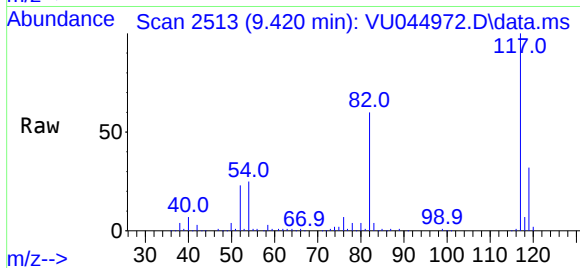
Tgt Ion:117 Resp: 328390

Ion Ratio Lower Upper

117 100

82 59.7 47.8 71.8

119 31.6 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.815 min Scan# 3258

Delta R.T. 0.000 min

Lab File: VU044972.D

Acq: 29 Sep 2021 04:06

Tgt Ion:152 Resp: 159745

Ion Ratio Lower Upper

152 100

115 62.8 43.5 130.7

150 158.7 0.0 350.0

