

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045622.D
 Acq On : 08 Nov 2021 17:50
 Operator : SY/MD
 Sample : M4485-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 AG-3

Quant Time: Nov 09 10:00:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

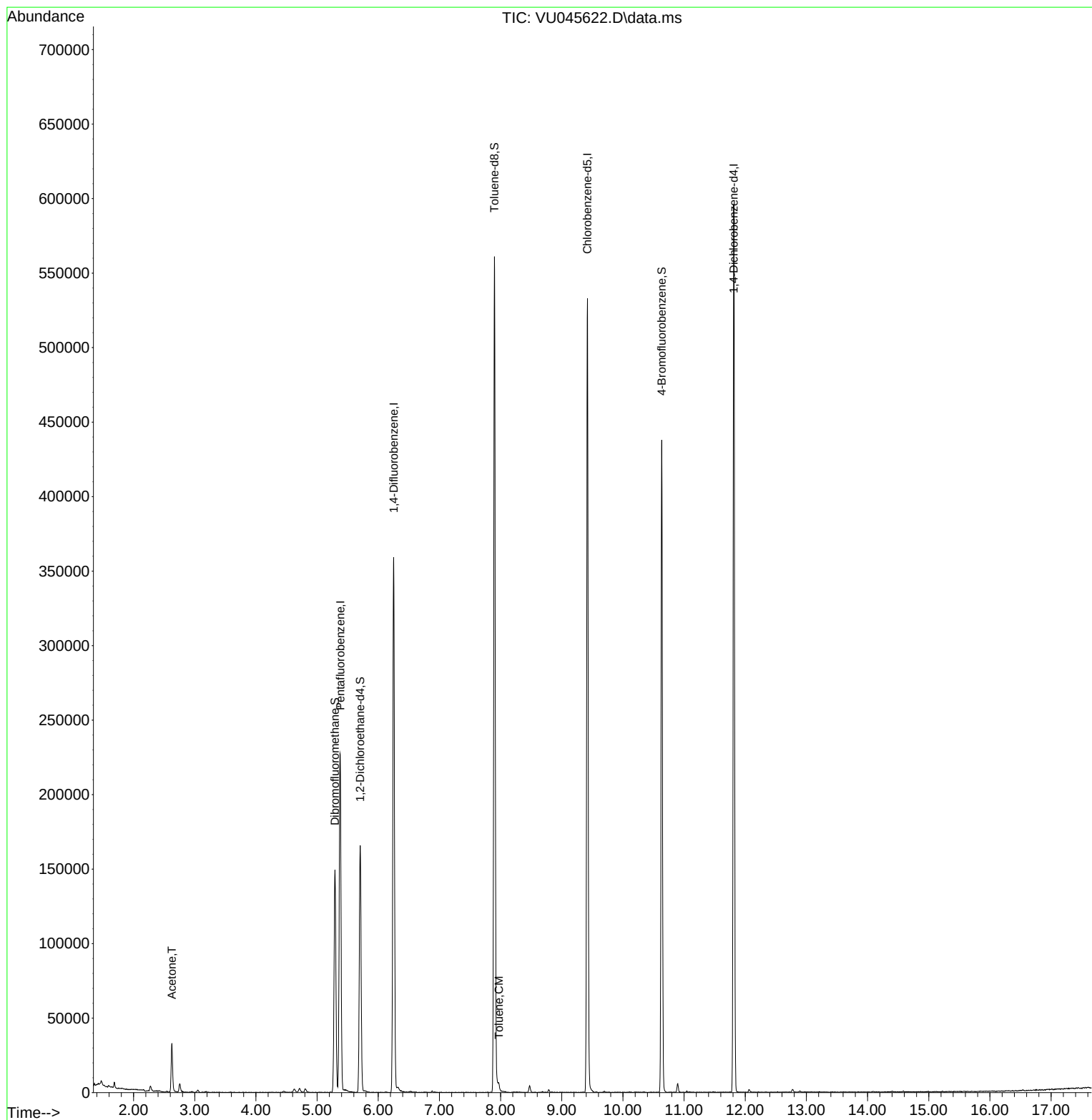
Internal Standards						
1) Pentafluorobenzene	5.379	168	152052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	286292	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	290430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	150013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	123311	54.151	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.300%	
35) Dibromofluoromethane	5.292	113	96584	50.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	7.899	98	373972	52.616	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.240%	
62) 4-Bromofluorobenzene	10.636	95	144732	50.781	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.560%	
Target Compounds						
						Qvalue
16) Acetone	2.626	43	35336	30.484	ug/l	99
52) Toluene	7.973	92	1579	0.312	ug/l	98

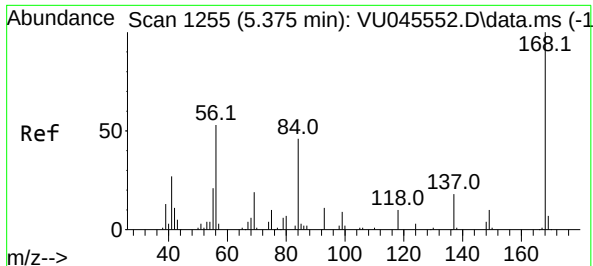
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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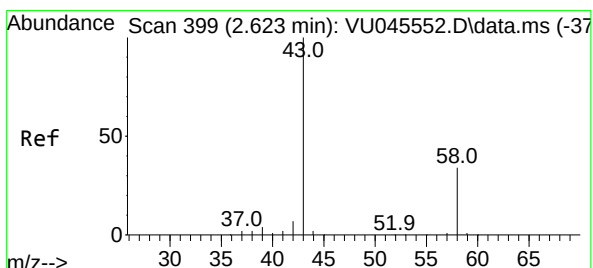
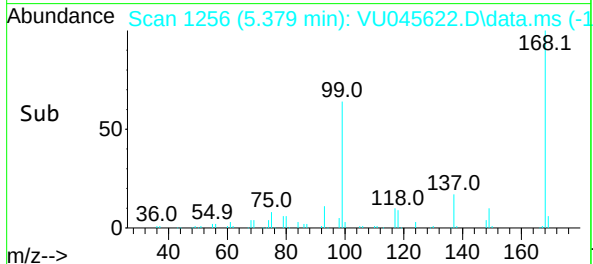
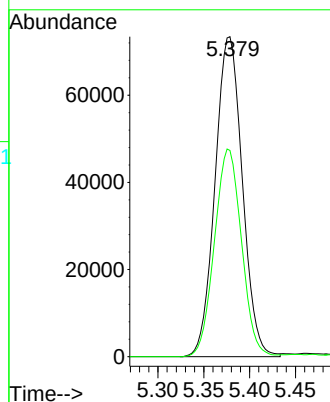
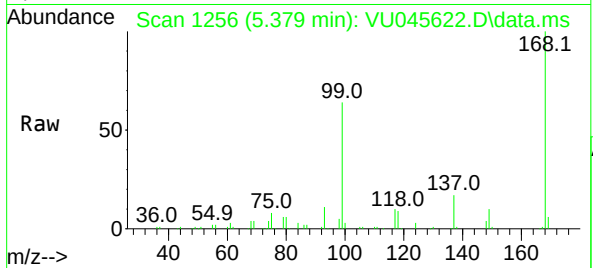




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045622.D
Acq: 08 Nov 2021 17:50

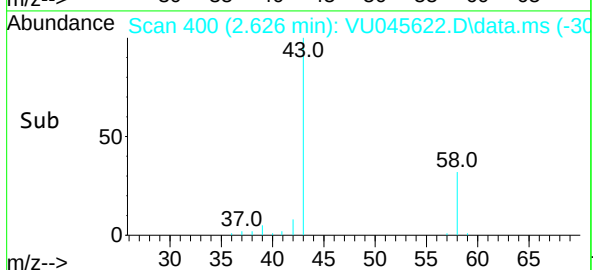
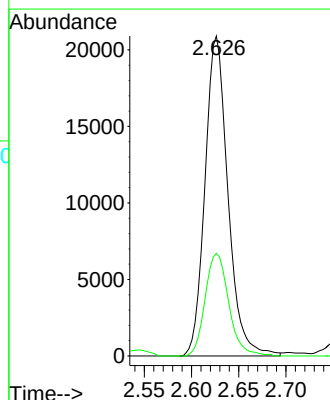
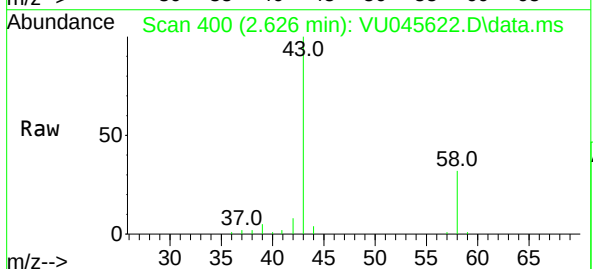
Instrument :
MSVOA_U
ClientSampleId :
AG-3

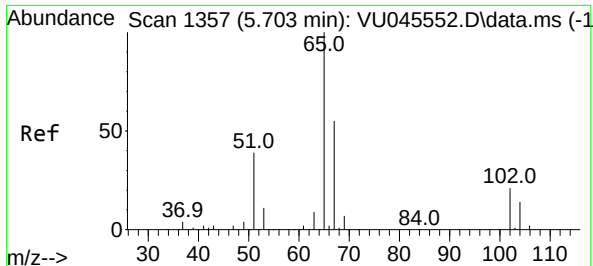
Tgt Ion:168 Resp: 152052
Ion Ratio Lower Upper
168 100
99 64.4 51.0 76.6



#16
Acetone
Concen: 30.484 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045622.D
Acq: 08 Nov 2021 17:50

Tgt Ion: 43 Resp: 35336
Ion Ratio Lower Upper
43 100
58 32.0 26.2 39.2





#33

1,2-Dichloroethane-d4

Concen: 54.151 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045622.D

Acq: 08 Nov 2021 17:50

Instrument :

MSVOA_U

ClientSampleId :

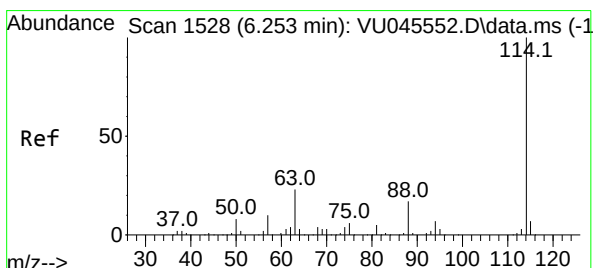
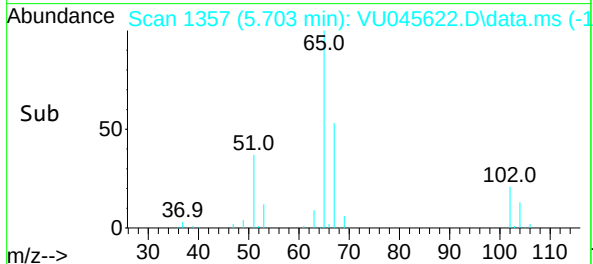
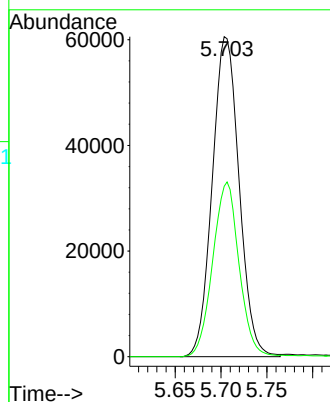
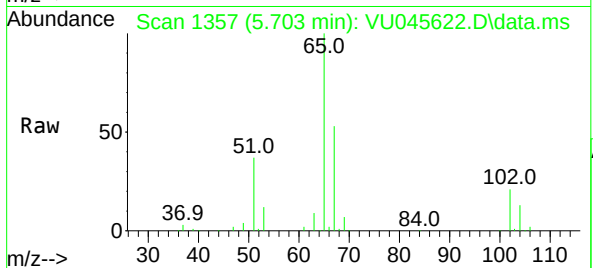
AG-3

Tgt Ion: 65 Resp: 123311

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045622.D

Acq: 08 Nov 2021 17:50

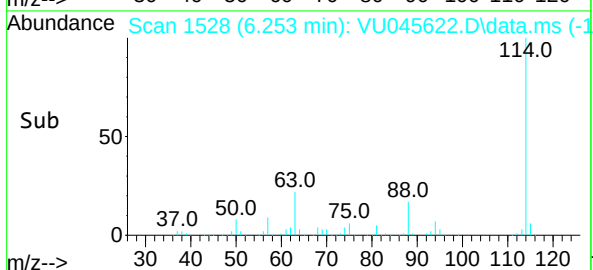
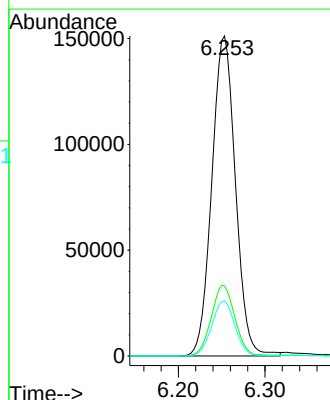
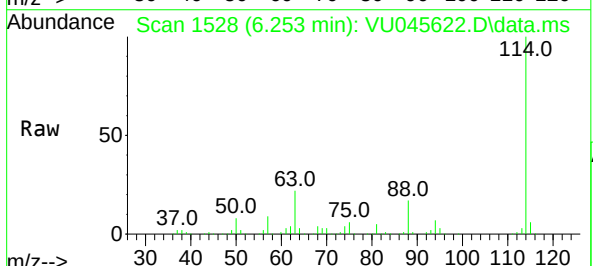
Tgt Ion: 114 Resp: 286292

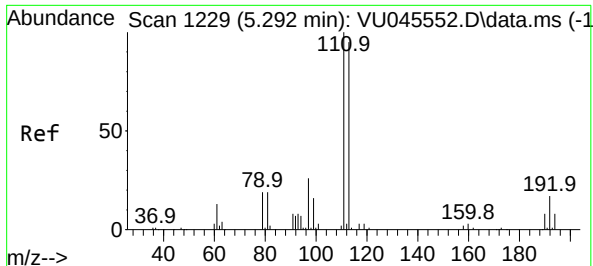
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.6

88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.530 ug/l

RT: 5.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045622.D

Acq: 08 Nov 2021 17:50

Instrument :

MSVOA_U

ClientSampleId :

AG-3

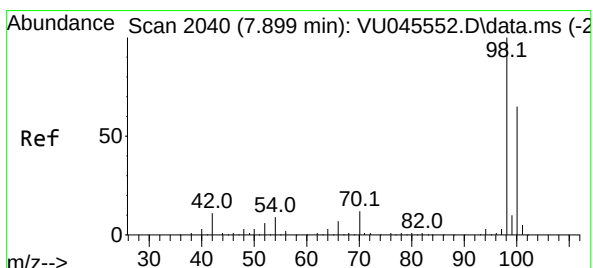
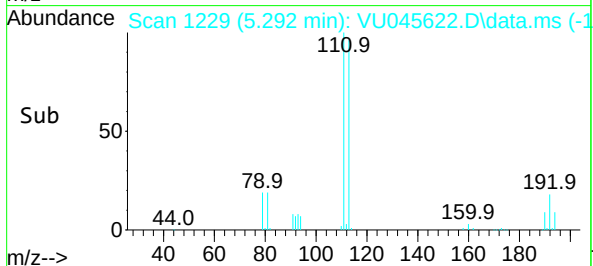
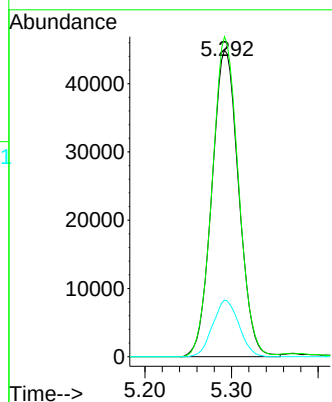
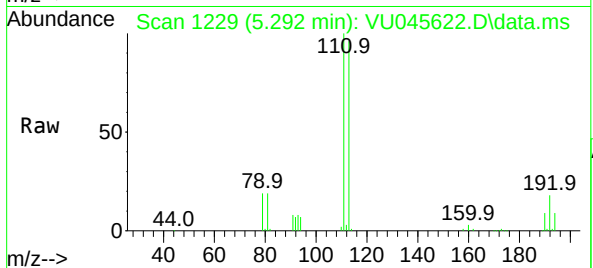
Tgt Ion:113 Resp: 96584

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 18.0 14.8 22.2



#50

Toluene-d8

Concen: 52.616 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045622.D

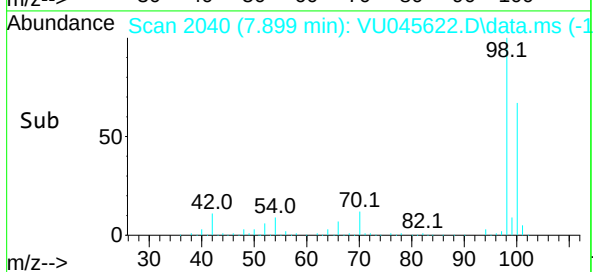
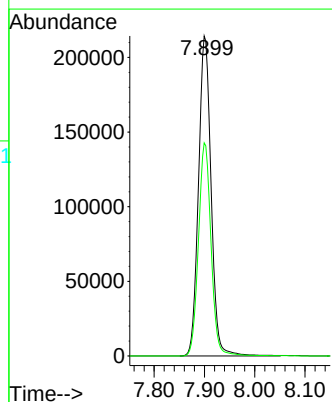
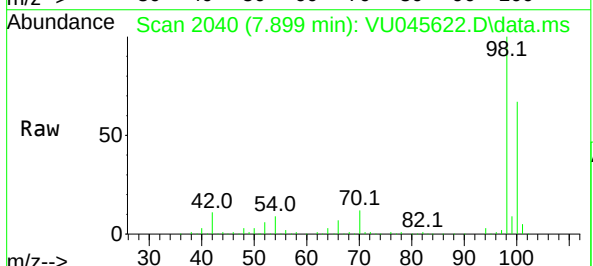
Acq: 08 Nov 2021 17:50

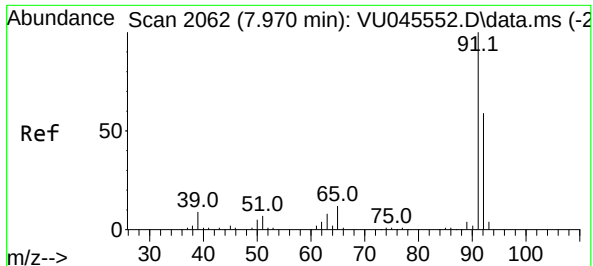
Tgt Ion: 98 Resp: 373972

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7

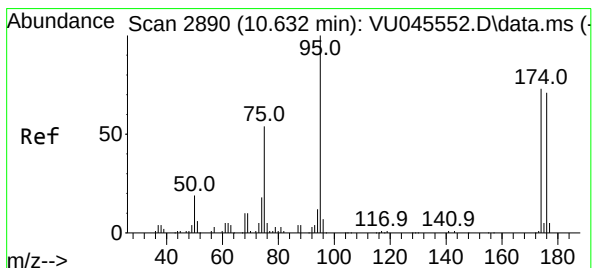
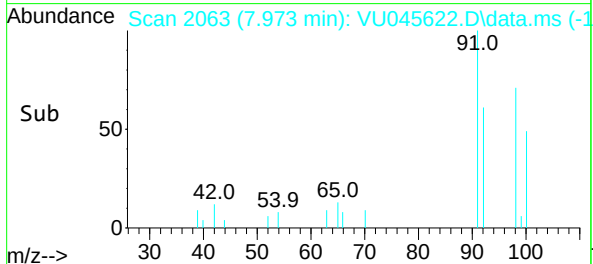
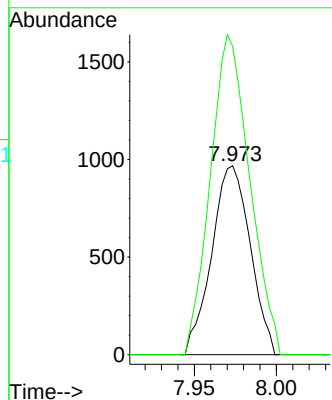
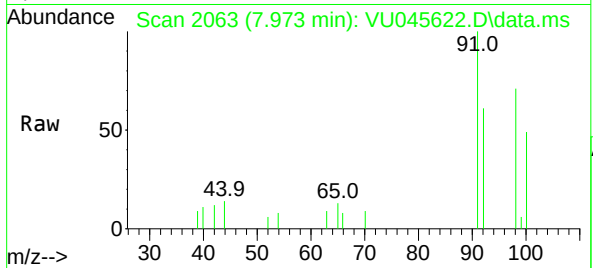




#52
Toluene
Concen: 0.312 ug/l
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU045622.D
Acq: 08 Nov 2021 17:50

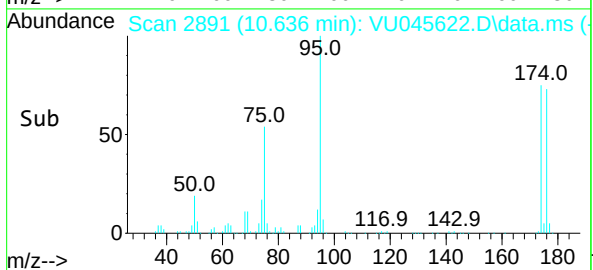
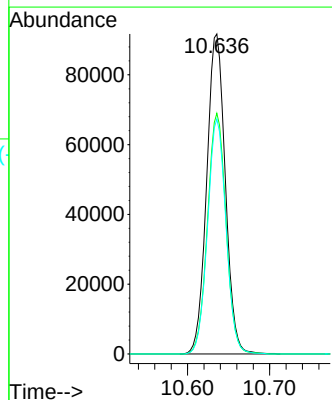
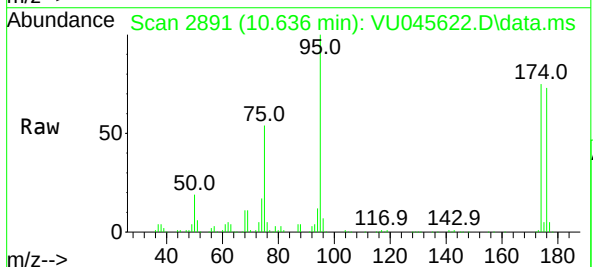
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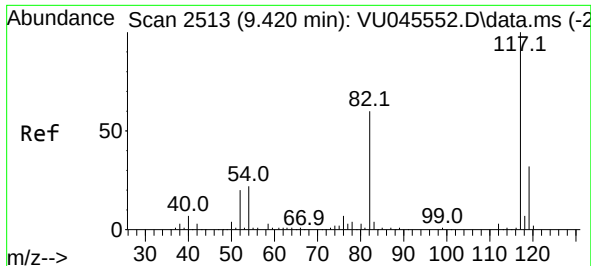
Tgt Ion: 92 Resp: 1579
Ion Ratio Lower Upper
92 100
91 172.8 135.6 203.4



#62
4-Bromofluorobenzene
Concen: 50.781 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045622.D
Acq: 08 Nov 2021 17:50

Tgt Ion: 95 Resp: 144732
Ion Ratio Lower Upper
95 100
174 75.0 0.0 141.8
176 72.5 0.0 138.2

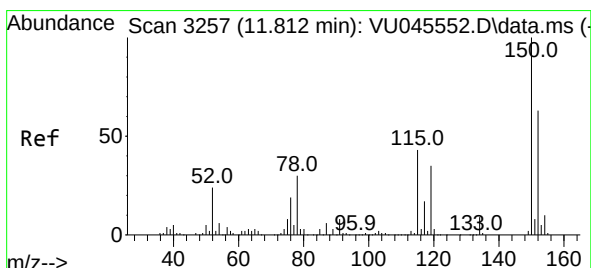
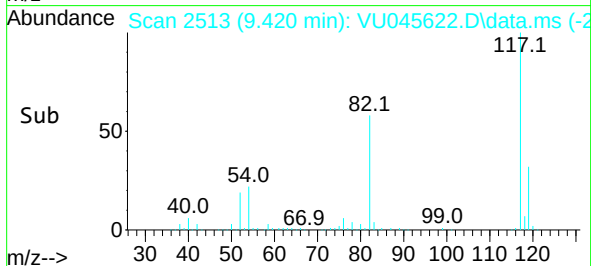
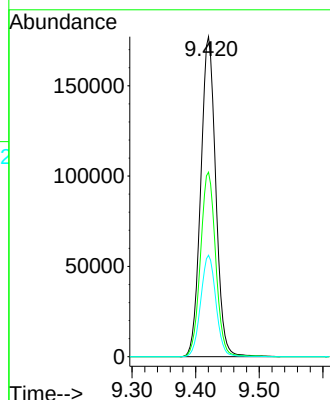
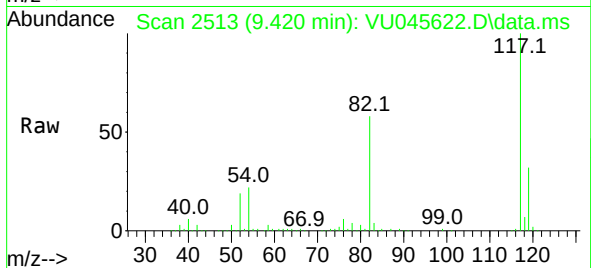




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045622.D
Acq: 08 Nov 2021 17:50

Instrument :
MSVOA_U
ClientSampleId :
AG-3

Tgt Ion:117 Resp: 290430
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.8
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045622.D
Acq: 08 Nov 2021 17:50

Tgt Ion:152 Resp: 150013
Ion Ratio Lower Upper
152 100
115 62.3 42.7 128.1
150 156.9 0.0 346.8

