

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045608.D
 Acq On : 08 Nov 2021 12:28
 Operator : SY/MD
 Sample : M4568-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WWTP-001

Quant Time: Nov 09 09:54:17 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)

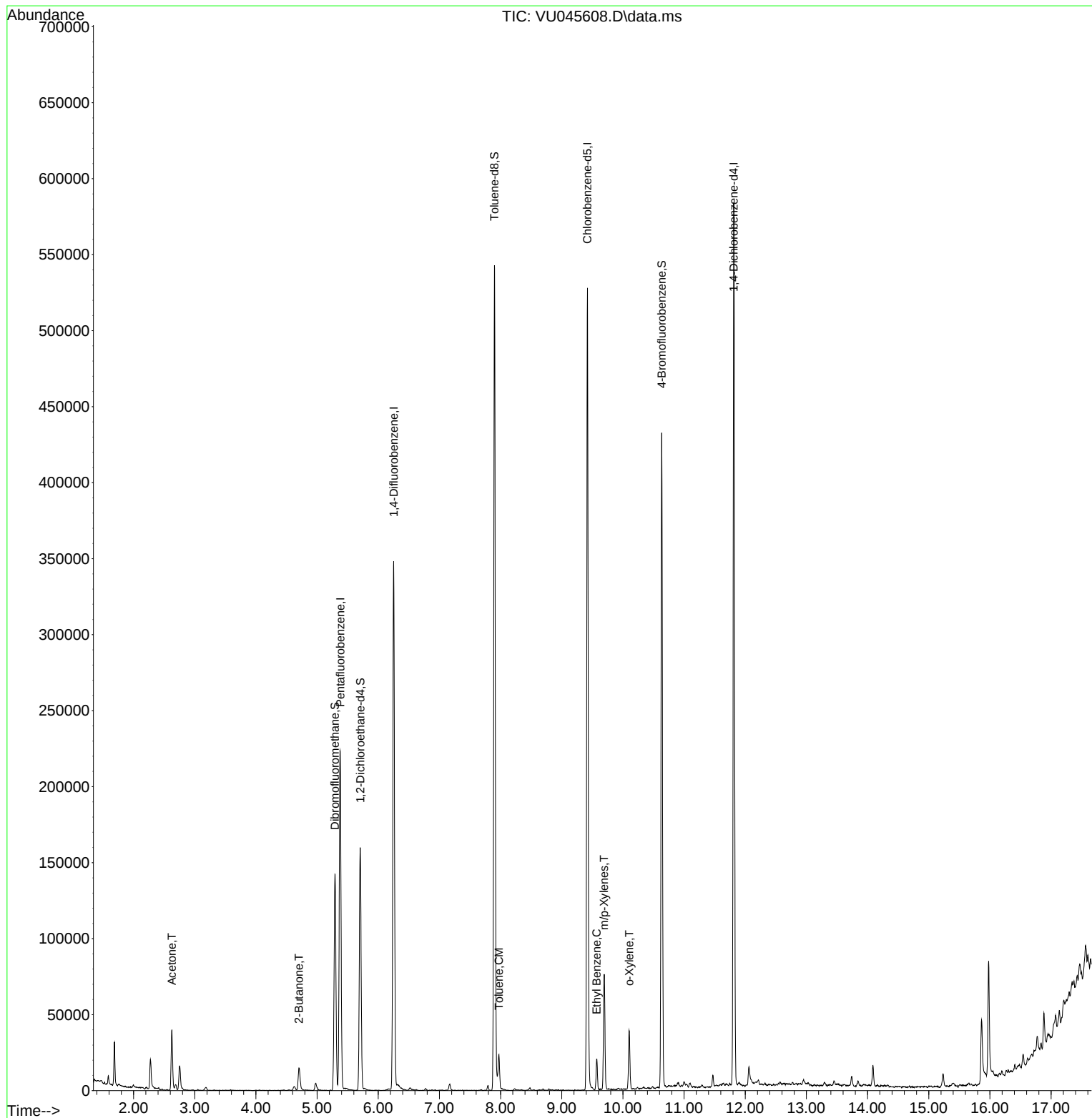
Internal Standards						
1) Pentafluorobenzene	5.378	168	146999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	276908	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	280241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	144788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	118745	53.939	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.880%	
35) Dibromofluoromethane	5.292	113	90479	48.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.880%	
50) Toluene-d8	7.899	98	364300	52.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.980%	
62) 4-Bromofluorobenzene	10.635	95	142756	51.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.580%	
Target Compounds						
						Qvalue
16) Acetone	2.626	43	42787	38.180	ug/l	100
25) 2-Butanone	4.703	43	22580	14.527	ug/l	97
52) Toluene	7.973	92	9123	1.864	ug/l	96
67) Ethyl Benzene	9.571	91	14047	1.425	ug/l	98
68) m/p-Xylenes	9.693	106	22013	5.921	ug/l	99
69) o-Xylene	10.102	106	10352	2.864	ug/l	98

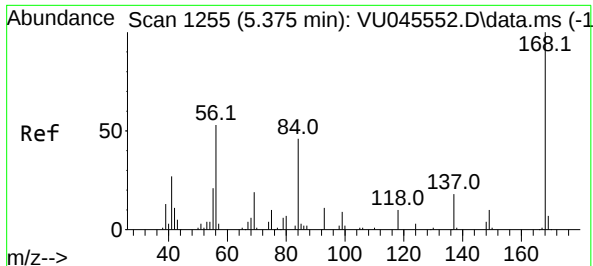
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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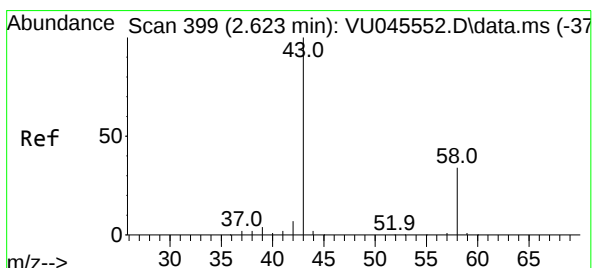
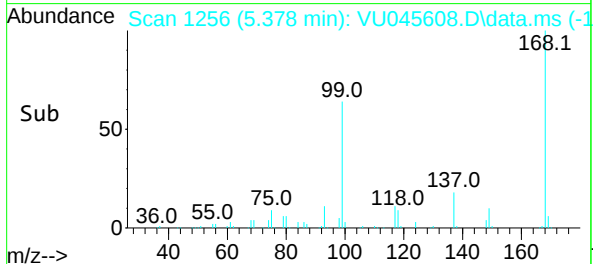
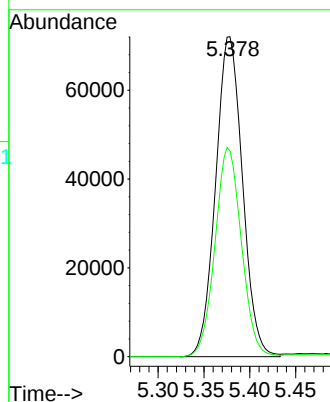
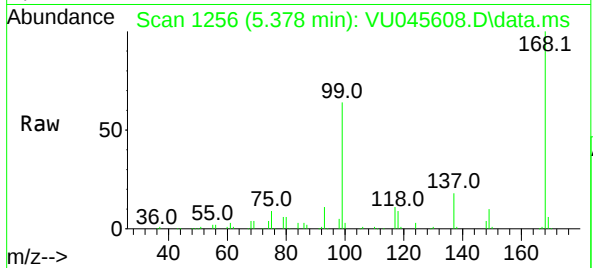




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

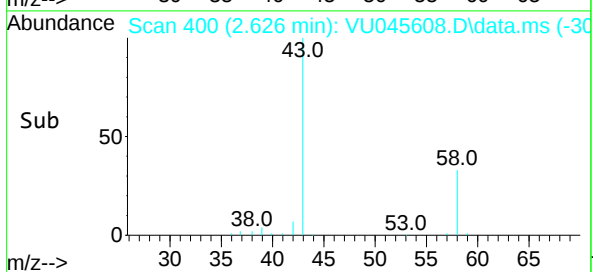
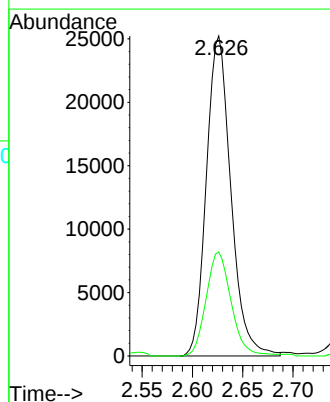
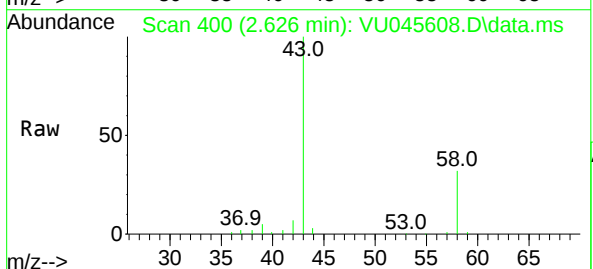
Instrument :
MSVOA_U
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VWTP-001

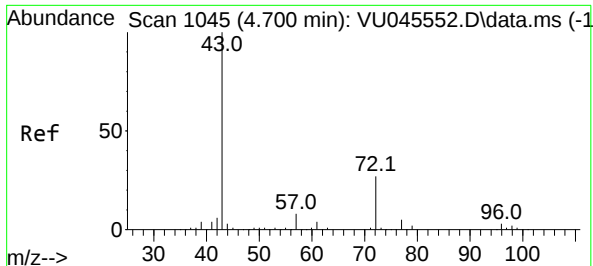
Tgt Ion:168 Resp: 146999
Ion Ratio Lower Upper
168 100
99 64.4 51.0 76.6



#16
Acetone
Concen: 38.180 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

Tgt Ion: 43 Resp: 42787
Ion Ratio Lower Upper
43 100
58 32.5 26.2 39.2

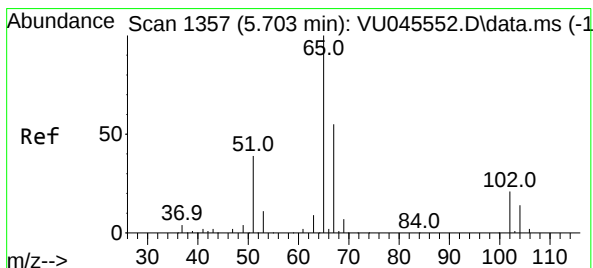
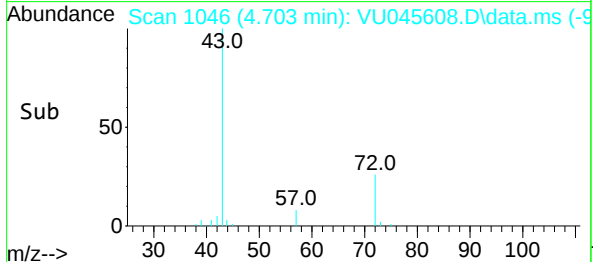
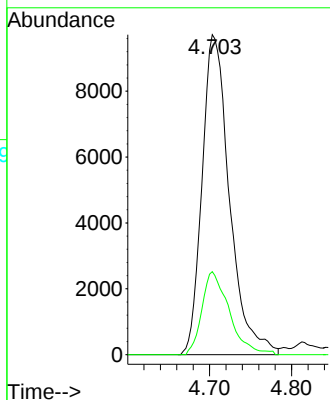
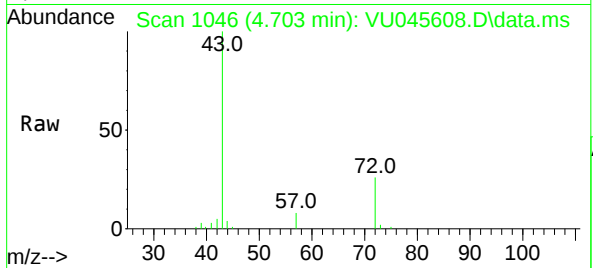




#25
2-Butanone
Concen: 14.527 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

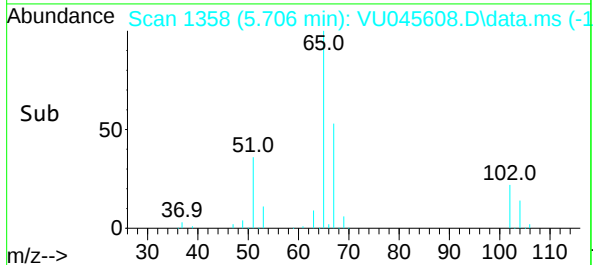
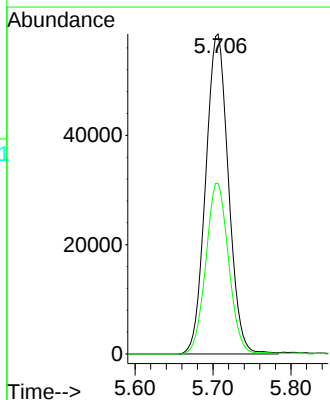
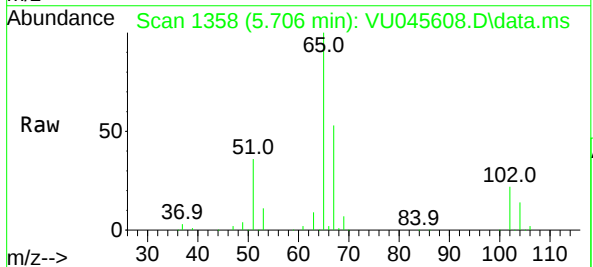
Instrument :
MSVOA_U
ClientSampleId :
VWTP-001

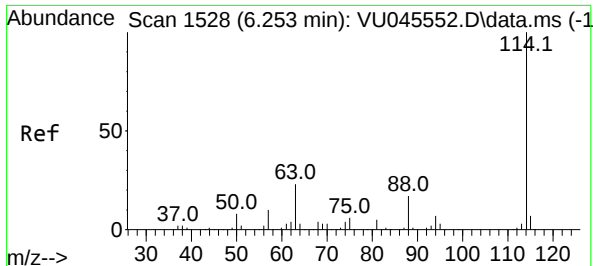
Tgt Ion: 43 Resp: 22580
Ion Ratio Lower Upper
43 100
72 25.9 22.0 33.0



#33
1,2-Dichloroethane-d4
Concen: 53.939 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

Tgt Ion: 65 Resp: 118745
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045608.D

Acq: 08 Nov 2021 12:28

Instrument :

MSVOA_U

ClientSampleId :

VWTP-001

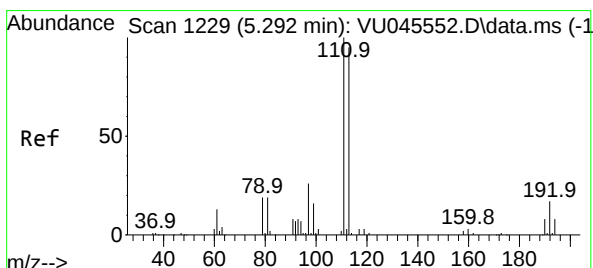
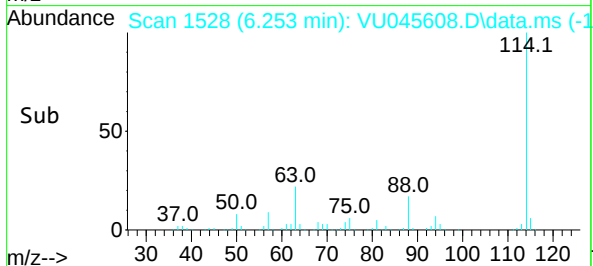
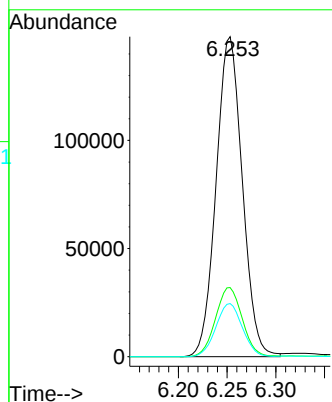
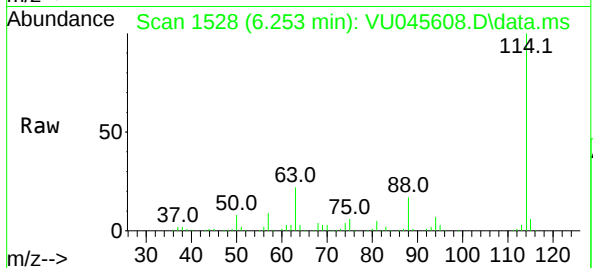
Tgt Ion:114 Resp: 276908

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 48.940 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045608.D

Acq: 08 Nov 2021 12:28

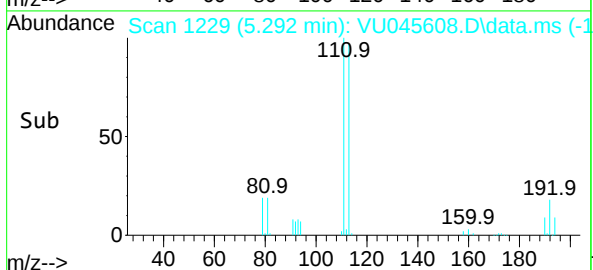
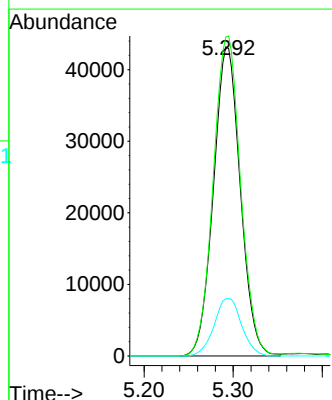
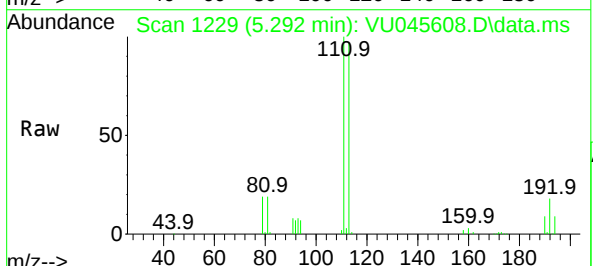
Tgt Ion:113 Resp: 90479

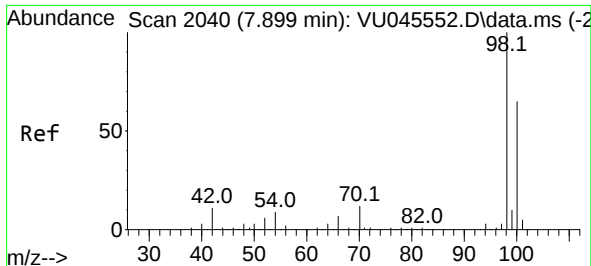
Ion Ratio Lower Upper

113 100

111 105.7 82.8 124.2

192 19.0 14.8 22.2

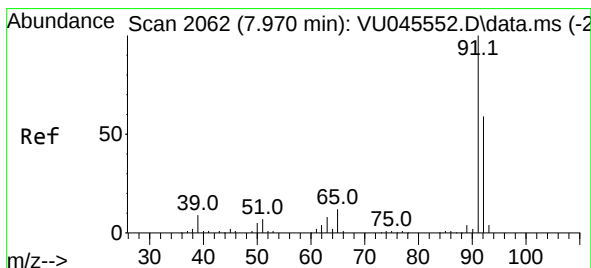
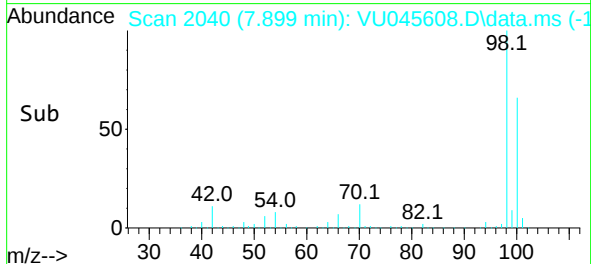
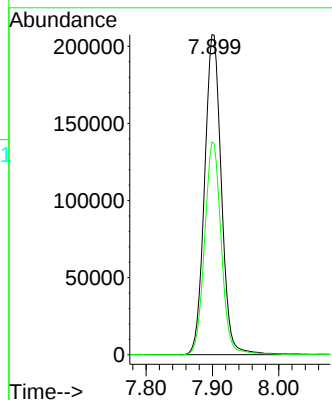
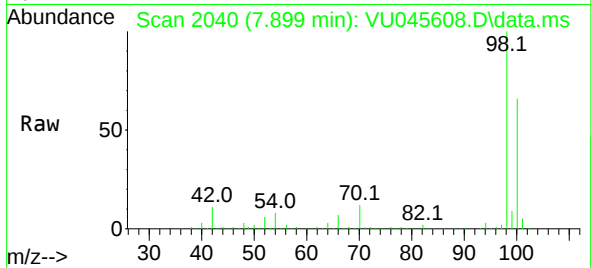




#50
Toluene-d8
Concen: 52.992 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

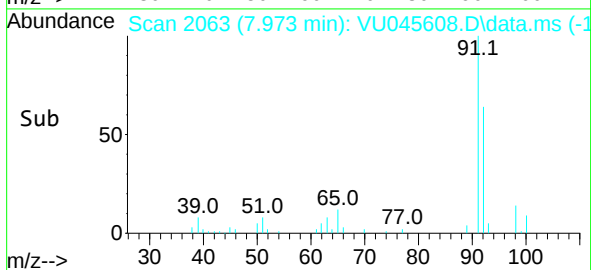
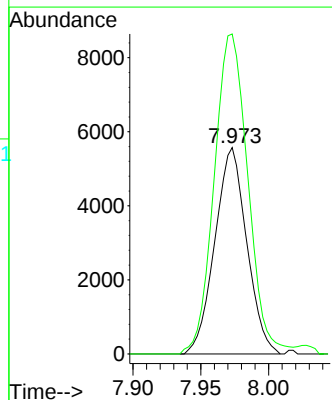
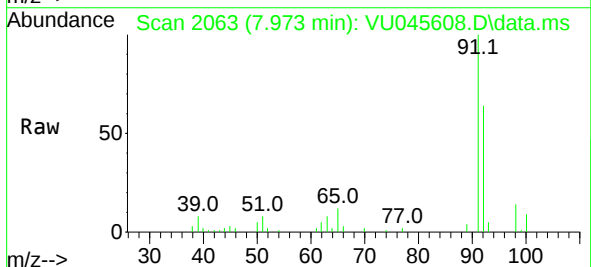
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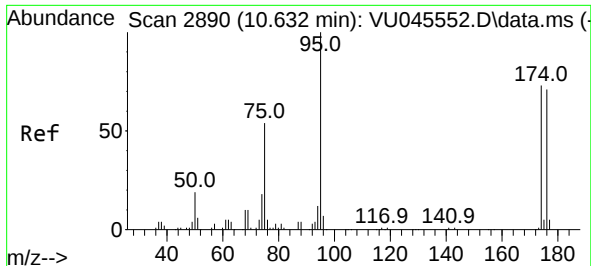
Tgt Ion: 98 Resp: 364300
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#52
Toluene
Concen: 1.864 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

Tgt Ion: 92 Resp: 9123
Ion Ratio Lower Upper
92 100
91 163.6 135.6 203.4

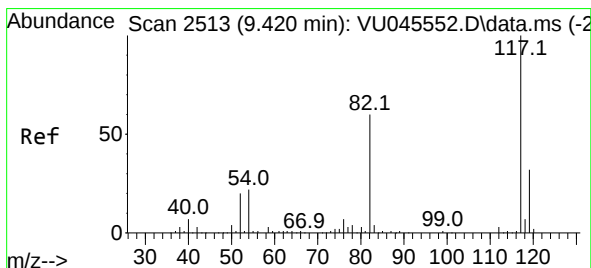
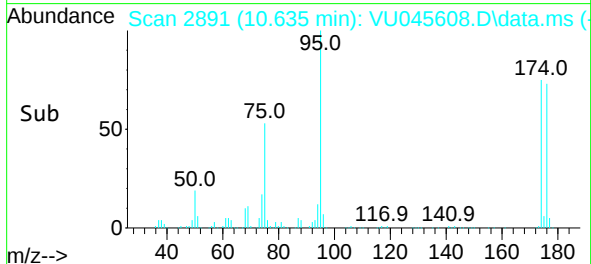
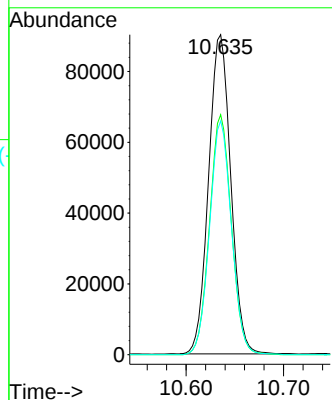
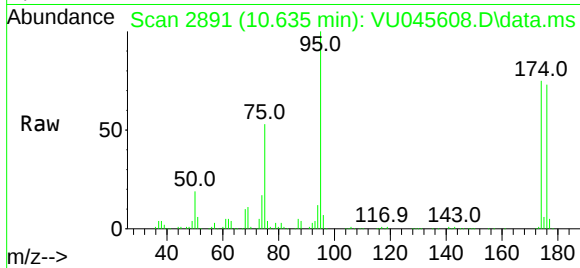




#62
4-Bromofluorobenzene
Concen: 51.785 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

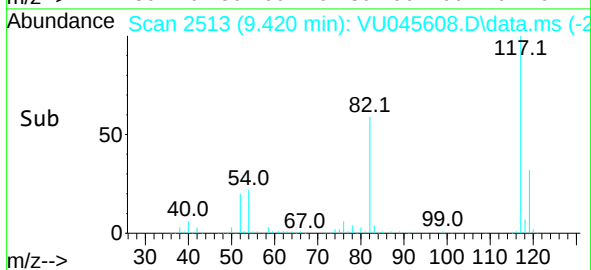
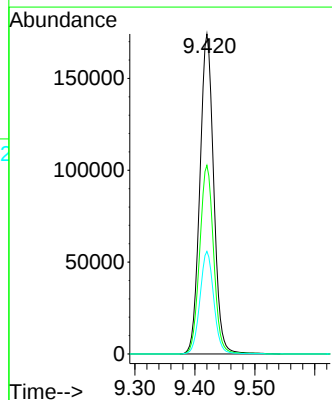
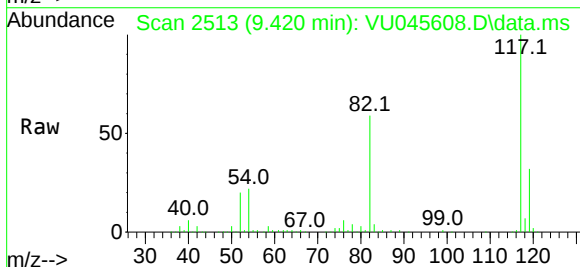
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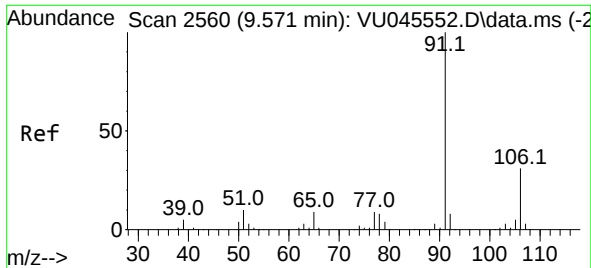
Tgt Ion: 95 Resp: 142756
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.8
176 72.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

Tgt Ion: 117 Resp: 280241
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 32.0 25.8 38.8

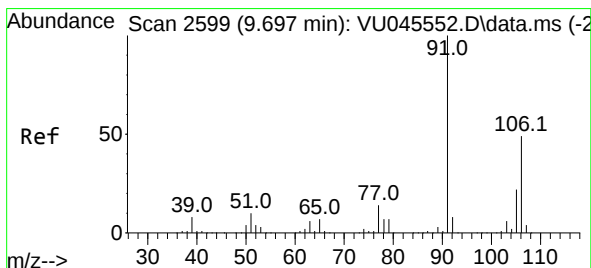
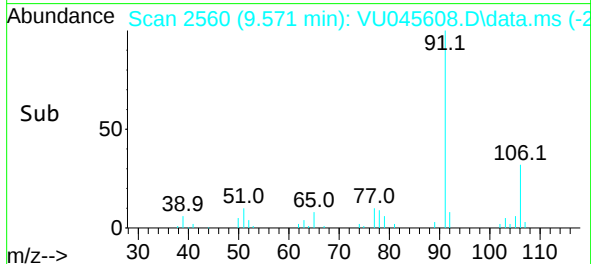
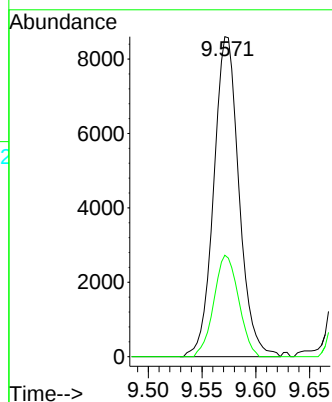
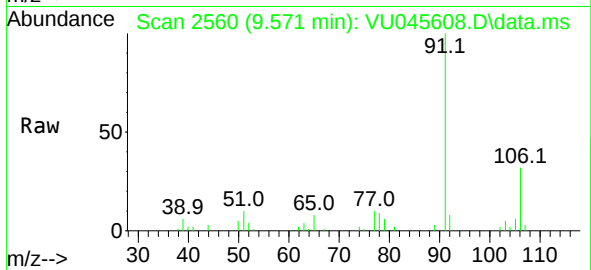




#67
Ethyl Benzene
Concen: 1.425 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

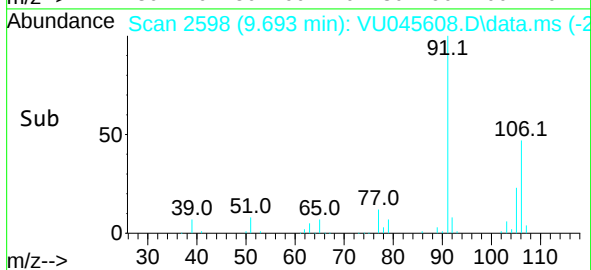
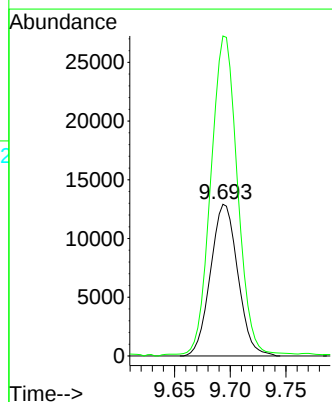
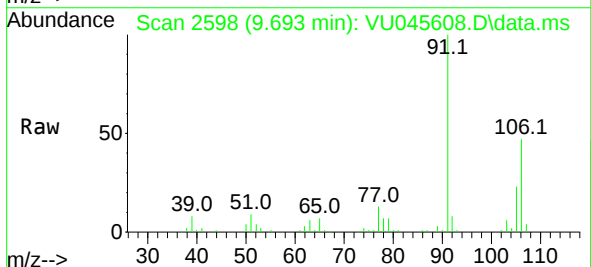
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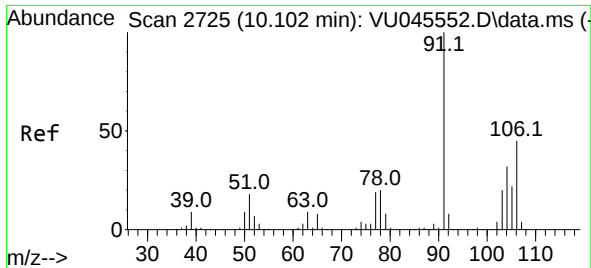
Tgt Ion: 91 Resp: 14047
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 5.921 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

Tgt Ion: 106 Resp: 22013
Ion Ratio Lower Upper
106 100
91 208.2 164.7 247.1

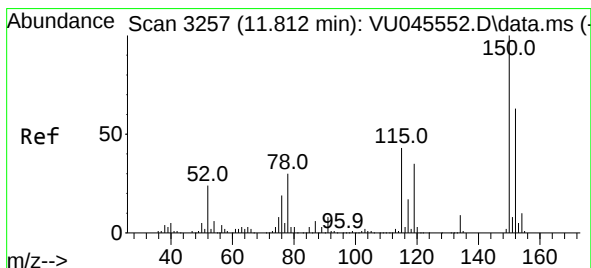
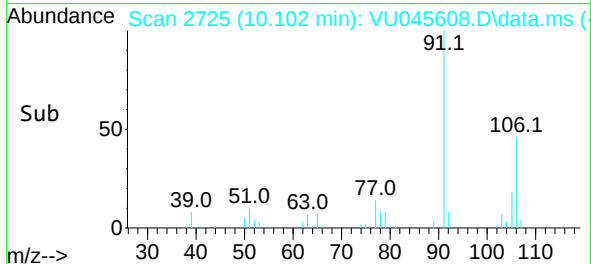
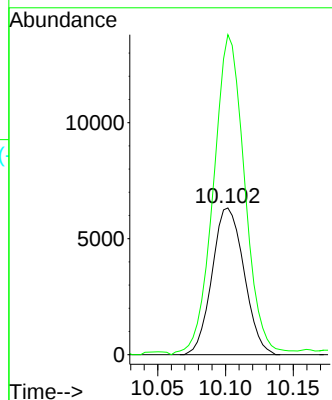
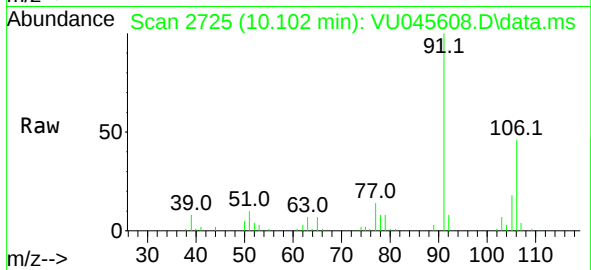




#69
o-Xylene
Concen: 2.864 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

Instrument :
MSVOA_U
ClientSampleId :
VWTP-001

Tgt Ion:106 Resp: 10352
Ion Ratio Lower Upper
106 100
91 214.0 108.7 326.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045608.D
Acq: 08 Nov 2021 12:28

Tgt Ion:152 Resp: 144788
Ion Ratio Lower Upper
152 100
115 62.5 42.7 128.1
150 157.3 0.0 346.8

