

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044881.D
 Acq On : 26 Sep 2021 09:22
 Operator : SY/MD
 Sample : M3893-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Quant Time: Sep 27 03:21:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

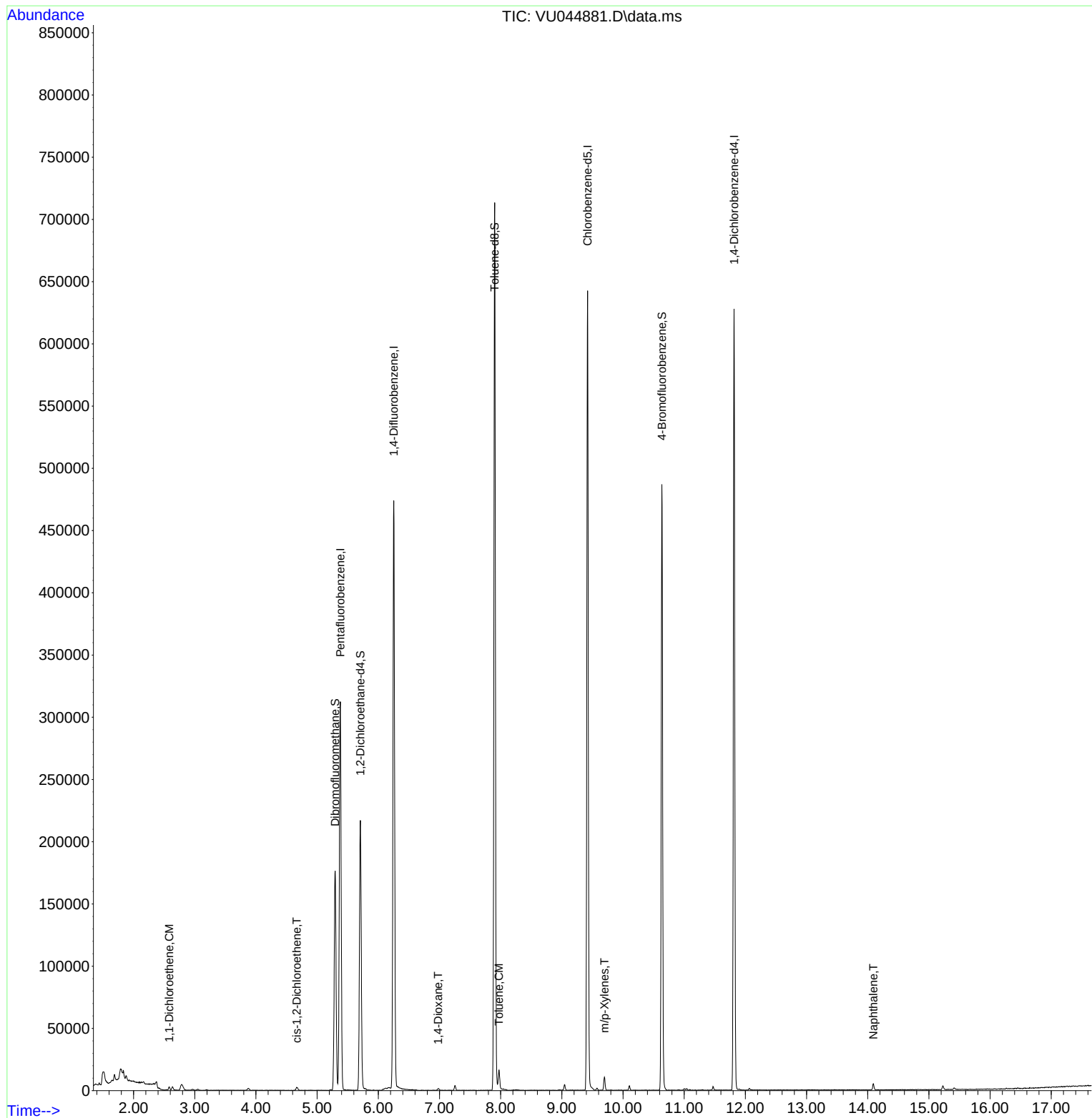
Internal Standards						
1) Pentafluorobenzene	5.379	168	204435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	363556	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	328469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	151672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	162788	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
35) Dibromofluoromethane	5.295	113	113248	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
50) Toluene-d8	7.903	98	459209	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	10.636	95	159880	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.581	96	883	0.36	ug/l	83
27) cis-1,2-Dichloroethene	4.668	96	1340	0.42	ug/l	87
49) 1,4-Dioxane	6.980	88	1062	11.12	ug/l #	94
52) Toluene	7.973	92	5897	0.84	ug/l	97
68) m/p-Xylenes	9.697	106	2908	0.62	ug/l	97
95) Naphthalene	14.092	128	4669	1.34	ug/l #	93

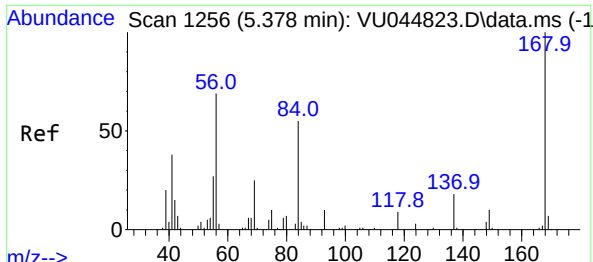
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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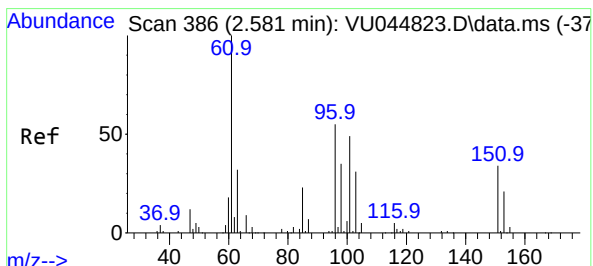
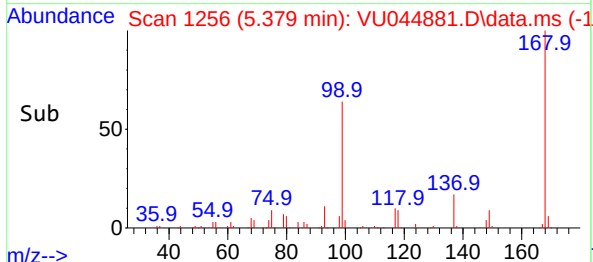
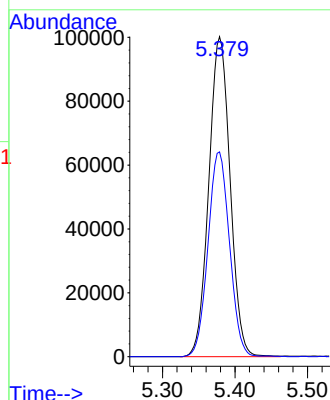
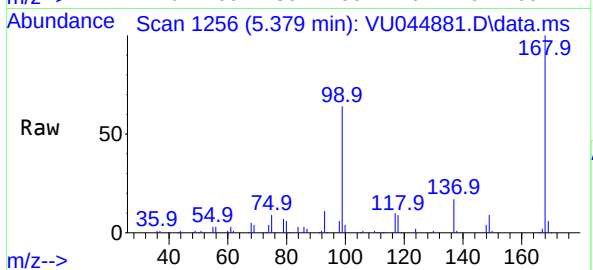




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.001 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

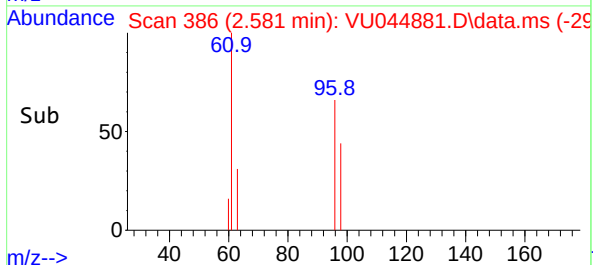
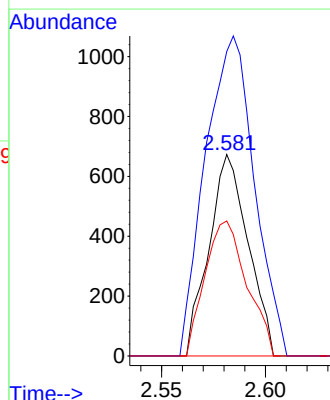
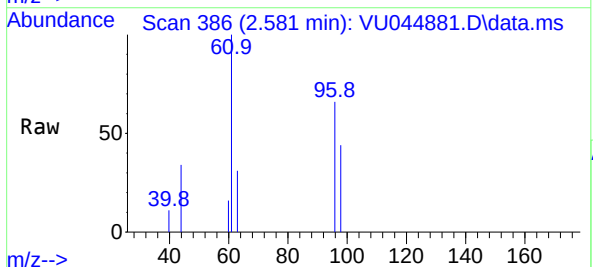
Instrument :
MSVOA_U
ClientSampled :
MW-4

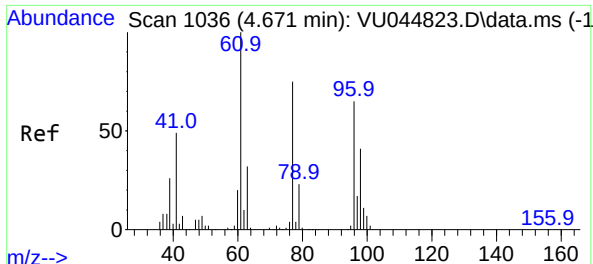
Tgt Ion:168 Resp: 204435
Ion Ratio Lower Upper
168 100
99 64.0 51.4 77.0



#12
1,1-Dichloroethene
Concen: 0.36 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

Tgt Ion: 96 Resp: 883
Ion Ratio Lower Upper
96 100
61 151.1 145.4 218.0
98 67.0 50.9 76.3



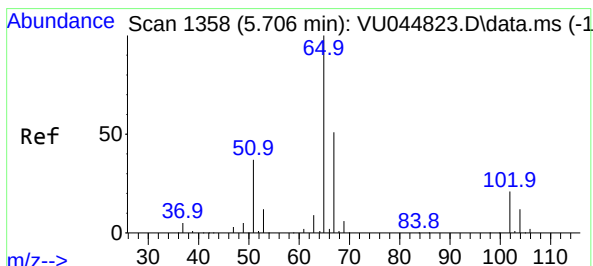
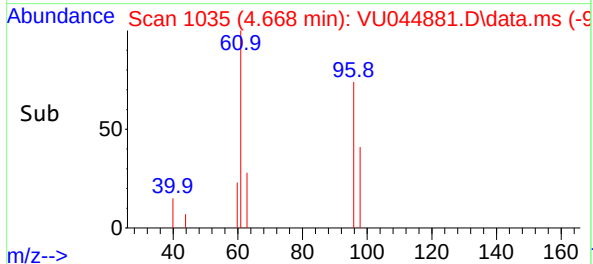
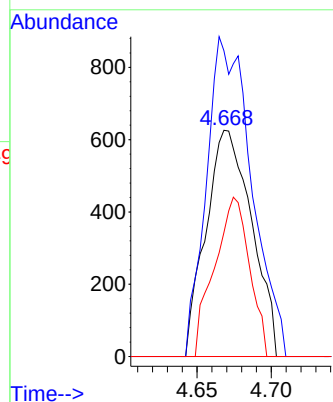
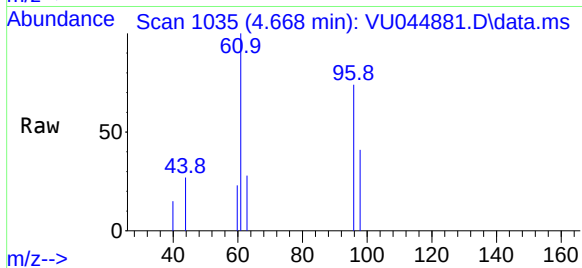


#27
cis-1,2-Dichloroethene
Concen: 0.42 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

Instrument :
MSVOA_U
ClientSampleId :
MW-4

Tgt Ion: 96 Resp: 1340

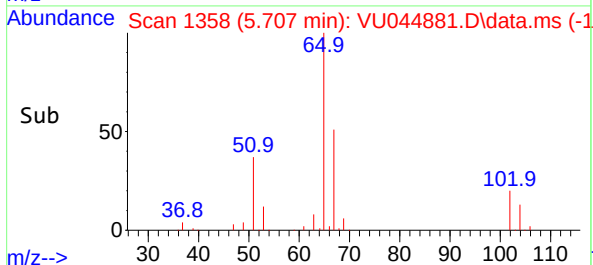
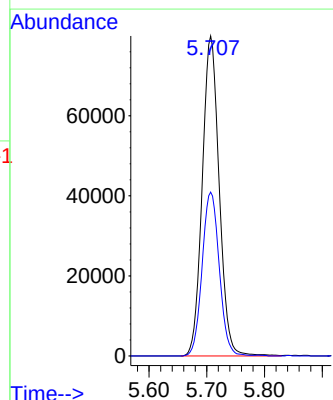
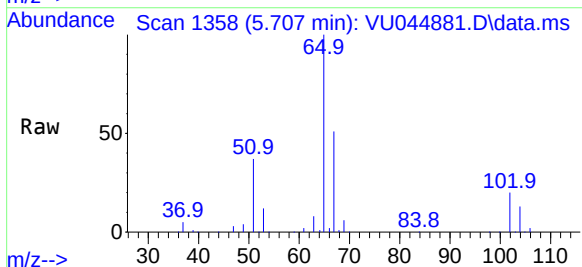
Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	313.4
98	54.1	0.0	127.0

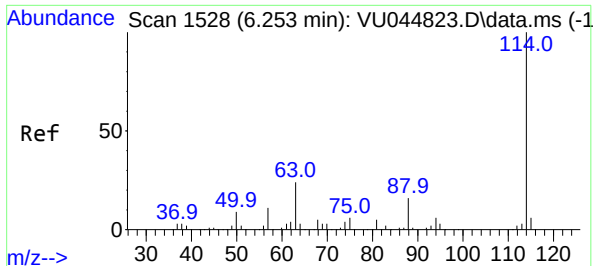


#33
1,2-Dichloroethane-d4
Concen: 45.63 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

Tgt Ion: 65 Resp: 162788

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044881.D

Acq: 26 Sep 2021 09:22

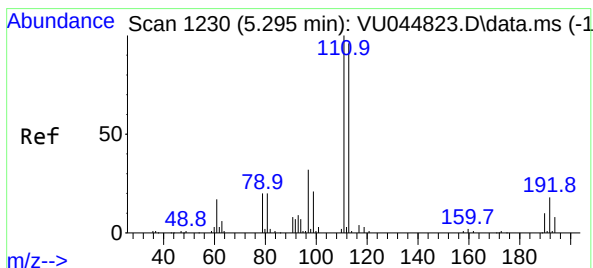
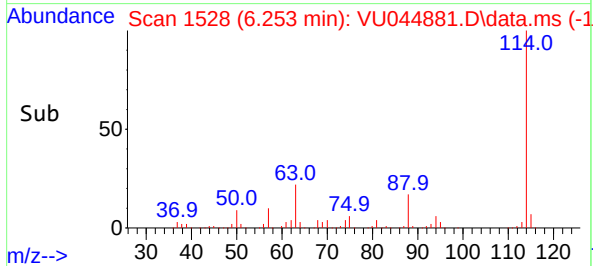
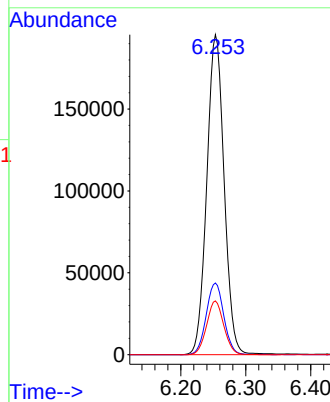
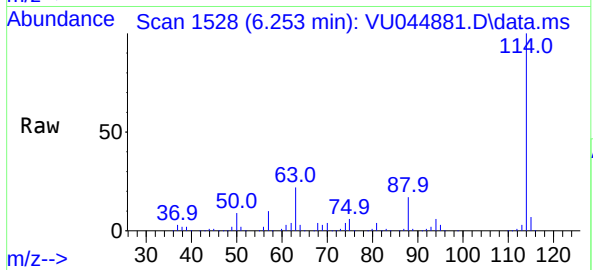
Tgt Ion:114 Resp: 363556

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.8

88 16.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.41 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VU044881.D

Acq: 26 Sep 2021 09:22

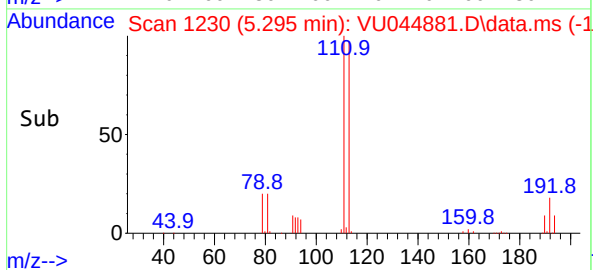
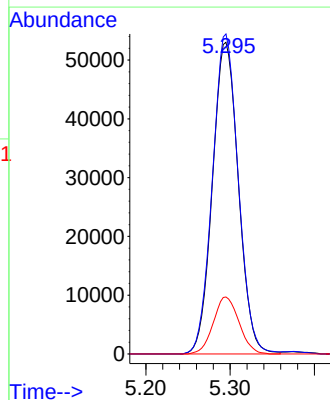
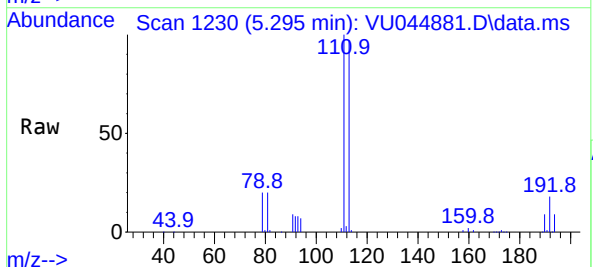
Tgt Ion:113 Resp: 113248

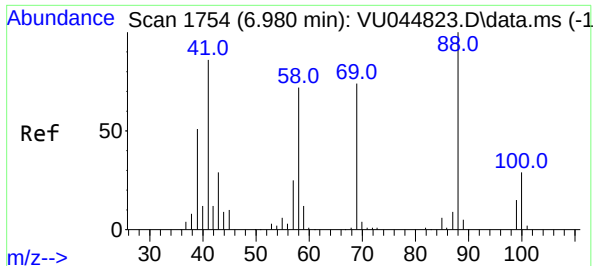
Ion Ratio Lower Upper

113 100

111 102.4 84.1 126.1

192 18.2 14.8 22.2

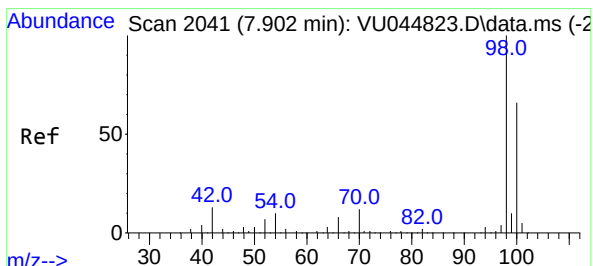
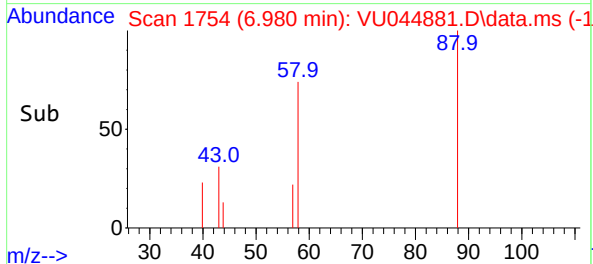
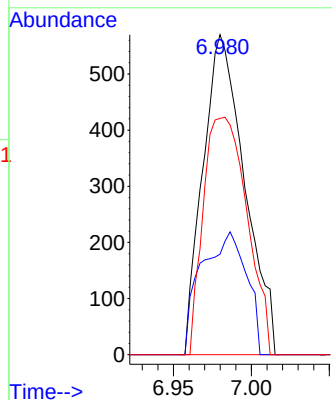
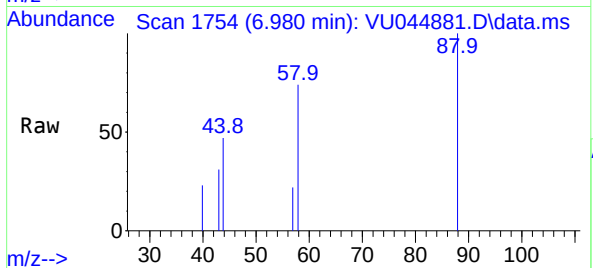




#49
1,4-Dioxane
Concen: 11.12 ug/l
RT: 6.980 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

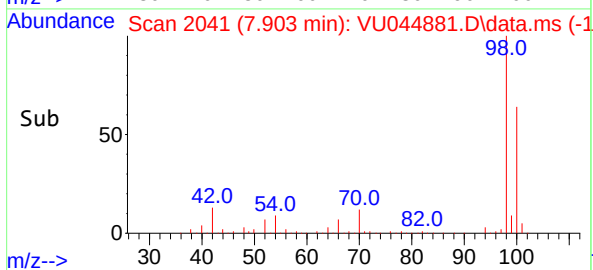
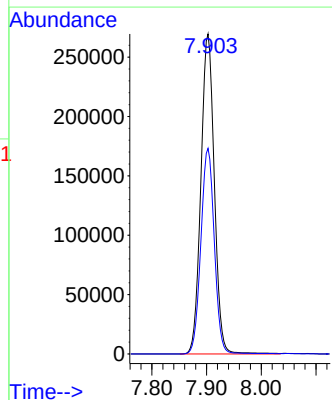
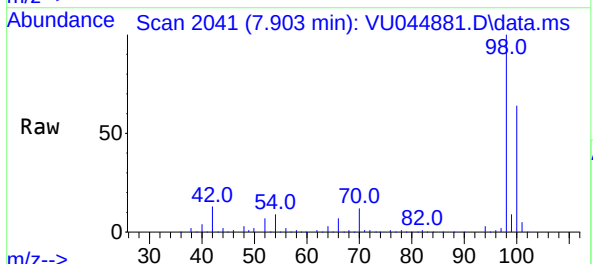
Instrument :
MSVOA_U
ClientSampled :
MW-4

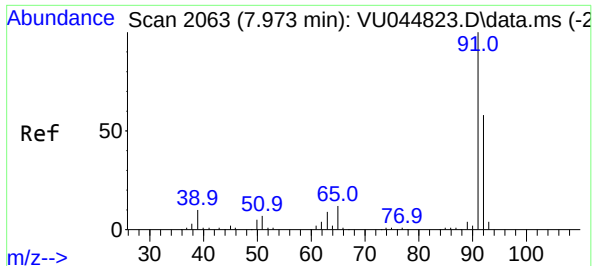
Tgt Ion: 88 Resp: 1062
Ion Ratio Lower Upper
88 100
43 41.3 25.8 38.6#
58 77.6 61.3 91.9



#50
Toluene-d8
Concen: 48.75 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

Tgt Ion: 98 Resp: 459209
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

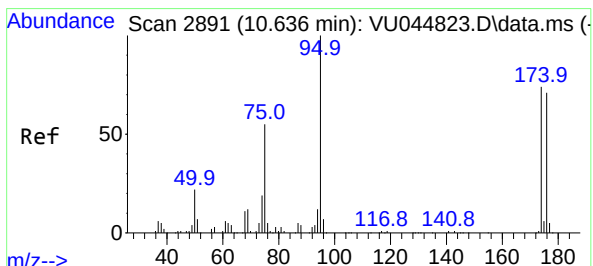
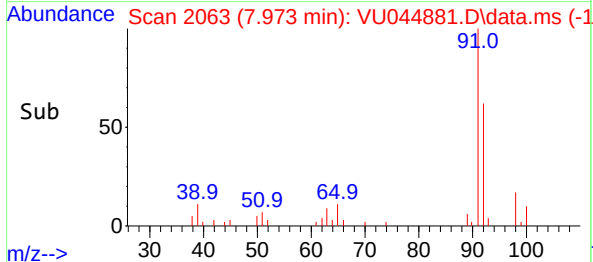
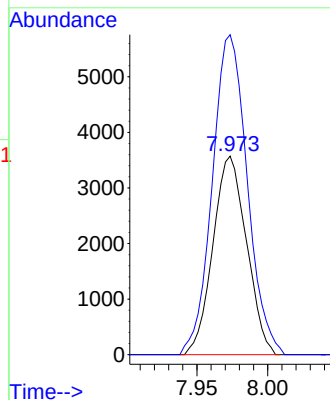
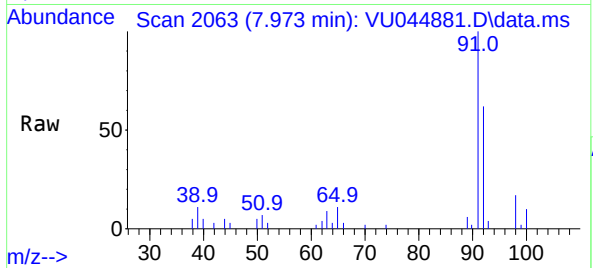




#52
Toluene
Concen: 0.84 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

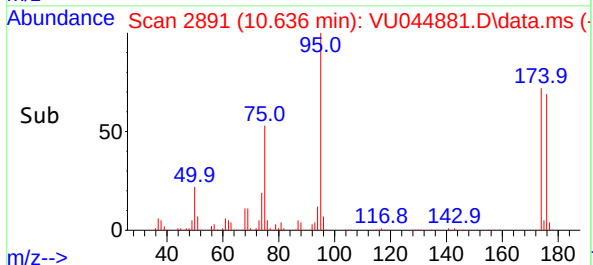
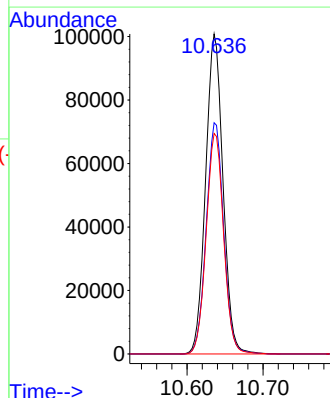
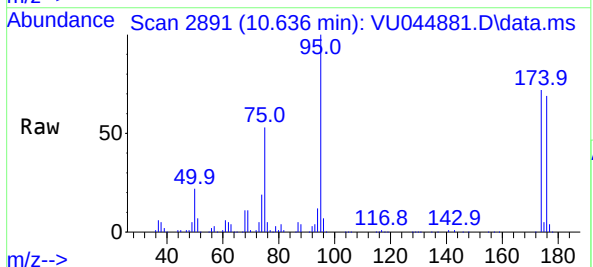
Instrument :
MSVOA_U
ClientSampled :
MW-4

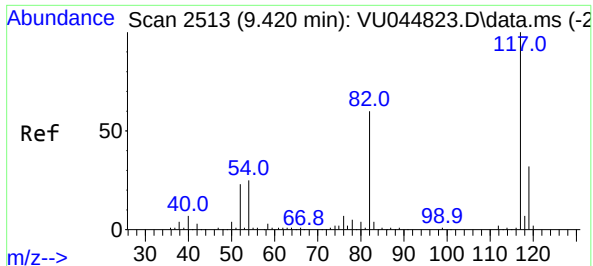
Tgt Ion: 92 Resp: 5897
Ion Ratio Lower Upper
92 100
91 167.5 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 45.70 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

Tgt Ion: 95 Resp: 159880
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.6
176 69.2 0.0 141.2

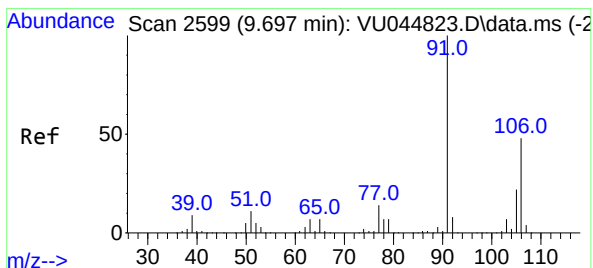
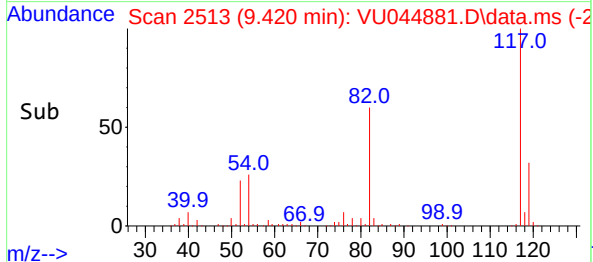
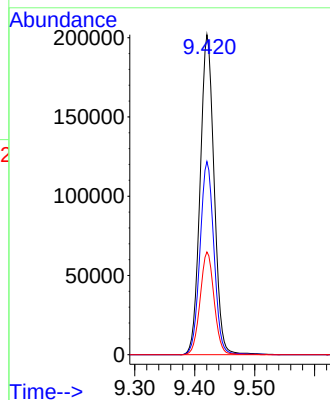
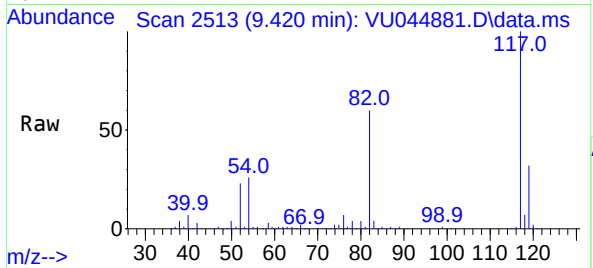




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

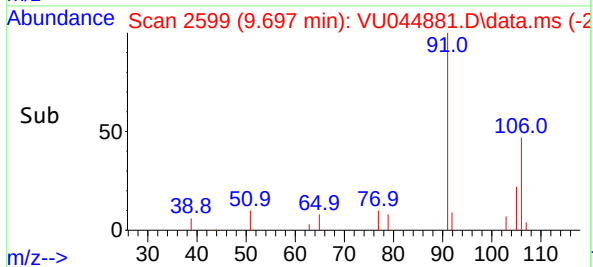
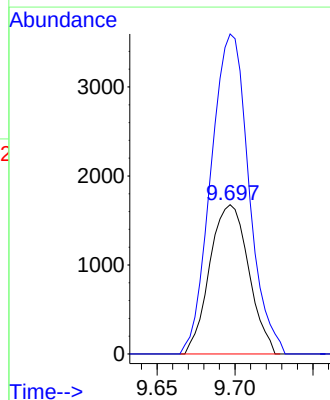
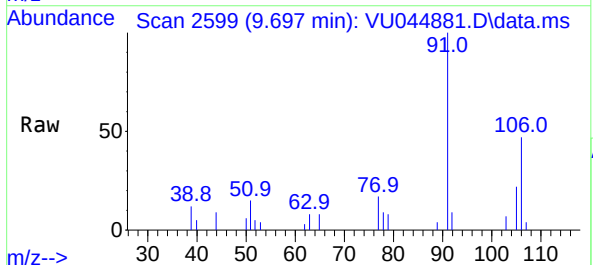
Instrument :
MSVOA_U
ClientSampled :
MW-4

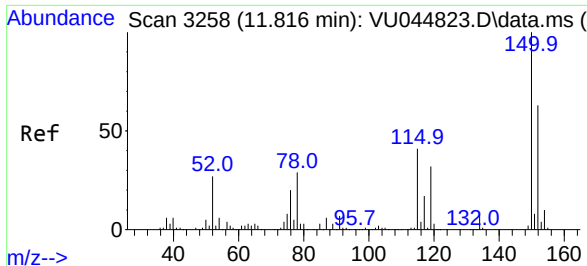
Tgt Ion:117 Resp: 328469
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 32.1 25.8 38.6



#68
m/p-Xylenes
Concen: 0.62 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

Tgt Ion:106 Resp: 2908
Ion Ratio Lower Upper
106 100
91 209.1 164.2 246.2

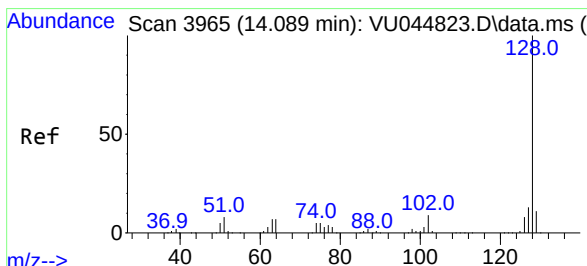
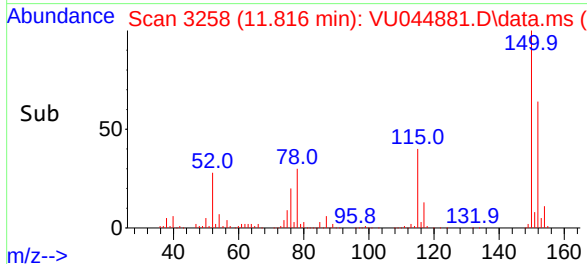
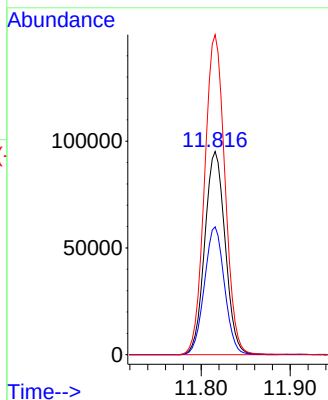
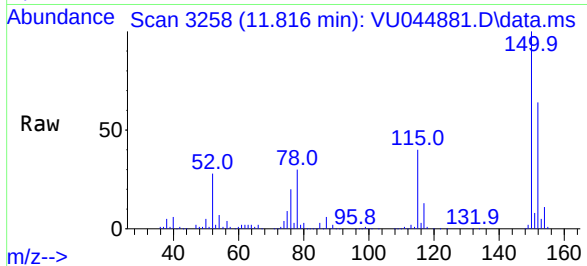




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

Instrument :
MSVOA_U
ClientSampled :
MW-4

Tgt Ion:152 Resp: 151672
Ion Ratio Lower Upper
152 100
115 61.9 43.5 130.7
150 156.6 0.0 350.0



#95
Naphthalene
Concen: 1.34 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044881.D
Acq: 26 Sep 2021 09:22

Tgt Ion:128 Resp: 4669
Ion Ratio Lower Upper
128 100
127 9.3 10.4 15.6#
129 9.6 8.6 13.0

