

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044921.D
 Acq On : 28 Sep 2021 05:01
 Operator : SY/MD
 Sample : M3915-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW4-20210922

Quant Time: Sep 28 06:32:19 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)

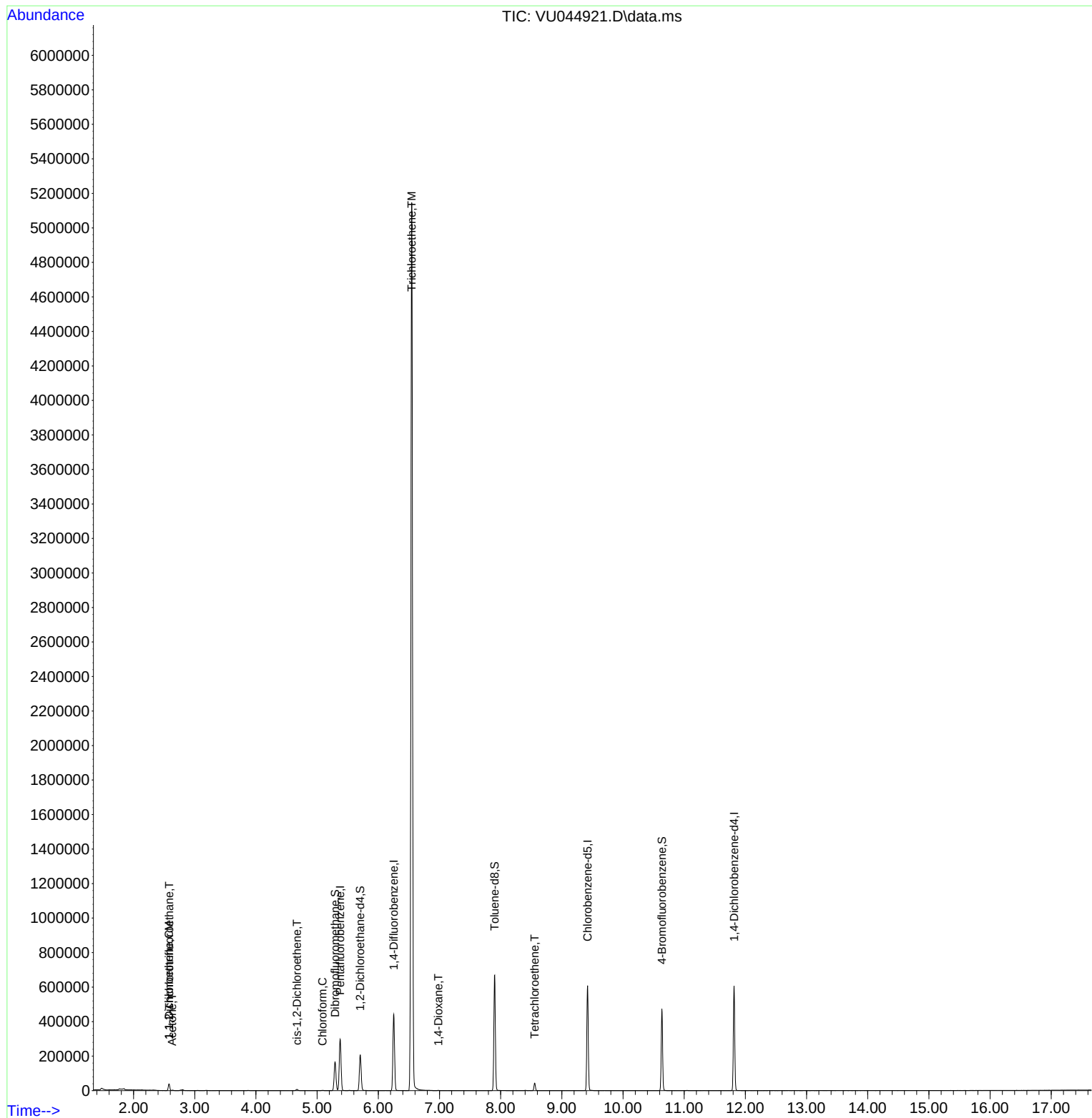
Internal Standards						
1) Pentafluorobenzene	5.375	168	193516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	346145	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	313990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	147451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	155462	46.030	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.060%	
35) Dibromofluoromethane	5.292	113	105904	44.598	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.200%	
50) Toluene-d8	7.902	98	428888	47.822	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.640%	
62) 4-Bromofluorobenzene	10.635	95	155837	46.783	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.560%	
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.581	101	11235	4.772	ug/l	97
12) 1,1-Dichloroethene	2.578	96	3899	1.673	ug/l	88
16) Acetone	2.629	43	2559	1.343	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	3596	1.185	ug/l	92
30) Chloroform	5.089	83	1585	0.304	ug/l	94
44) Trichloroethene	6.546	130	1607276	597.248	ug/l	96
49) 1,4-Dioxane	6.983	88	1154	12.689	ug/l #	81
64) Tetrachloroethene	8.555	164	9002	4.230	ug/l	97

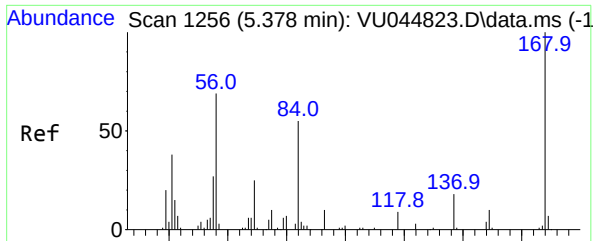
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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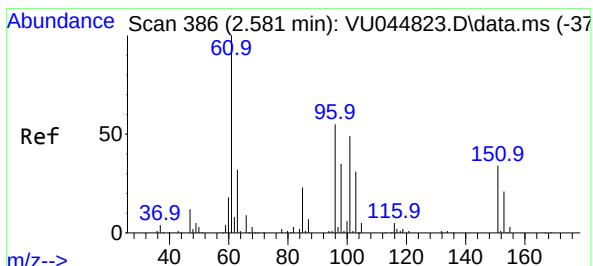
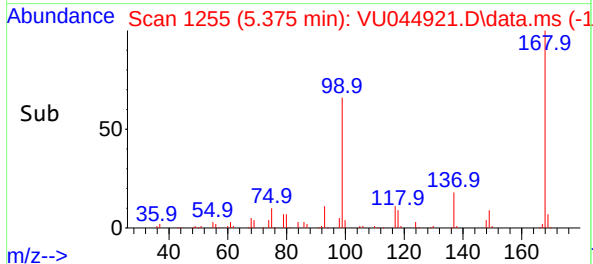
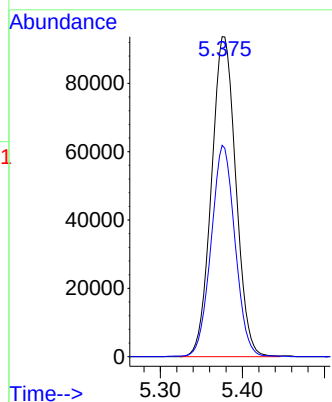
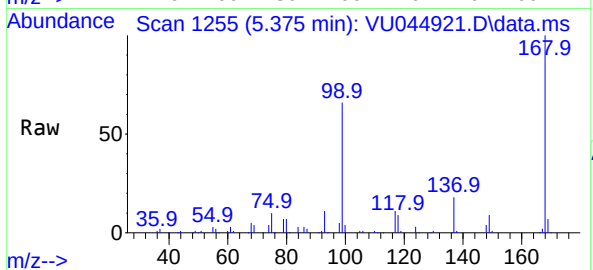




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.003 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

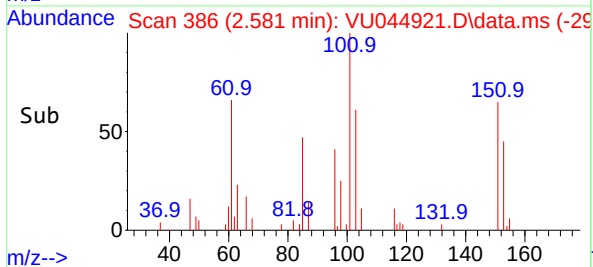
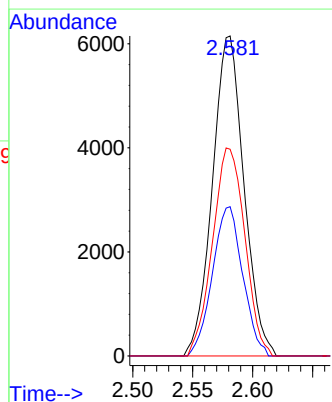
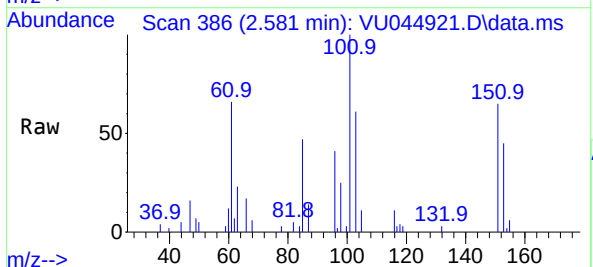
Instrument :
MSVOA_U
ClientSampleId :
RW4-20210922

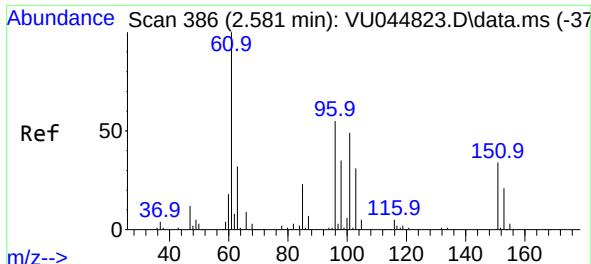
Tgt Ion:168 Resp: 193516
Ion Ratio Lower Upper
168 100
99 65.9 51.4 77.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.772 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

Tgt Ion:101 Resp: 11235
Ion Ratio Lower Upper
101 100
85 44.9 37.2 55.8
151 66.7 55.8 83.8

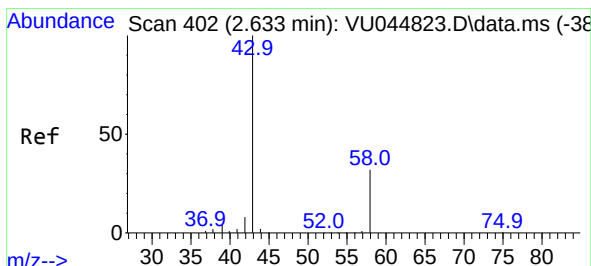
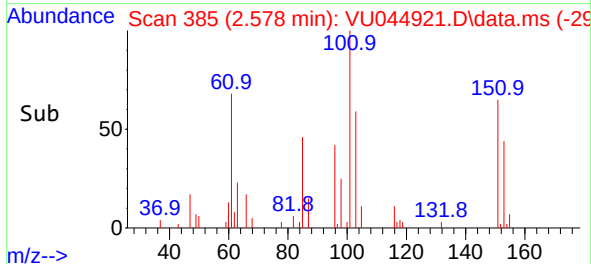
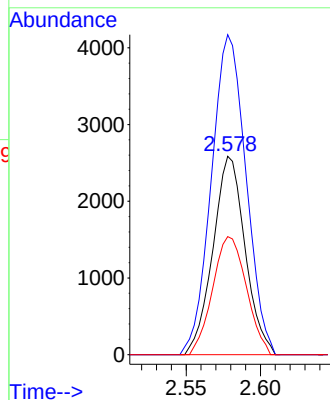
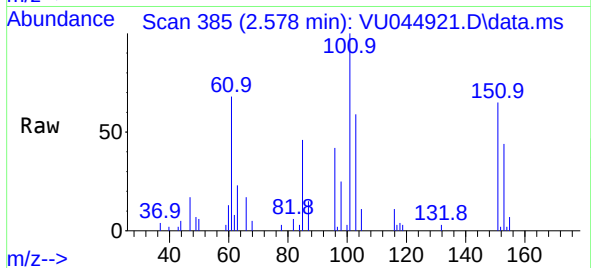




#12
1,1-Dichloroethene
Concen: 1.673 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

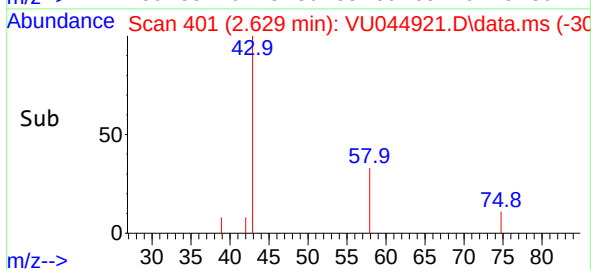
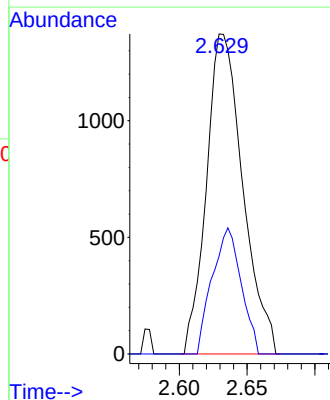
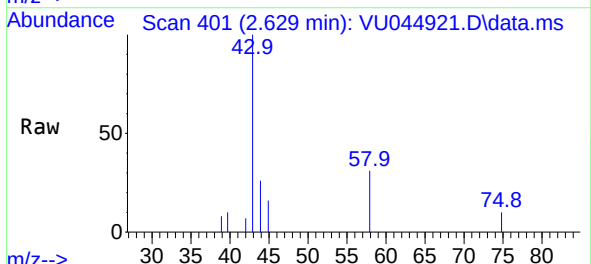
Instrument :
MSVOA_U
ClientSampleId :
RW4-20210922

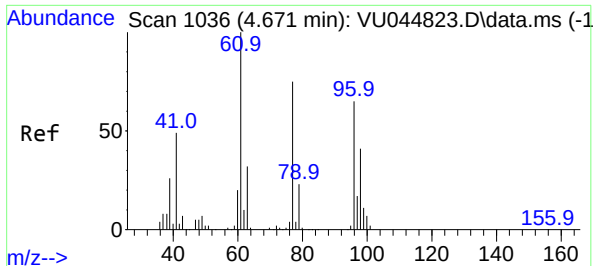
Tgt Ion: 96 Resp: 3899
Ion Ratio Lower Upper
96 100
61 161.2 145.4 218.0
98 59.5 50.9 76.3



#16
Acetone
Concen: 1.343 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

Tgt Ion: 43 Resp: 2559
Ion Ratio Lower Upper
43 100
58 30.6 25.2 37.8

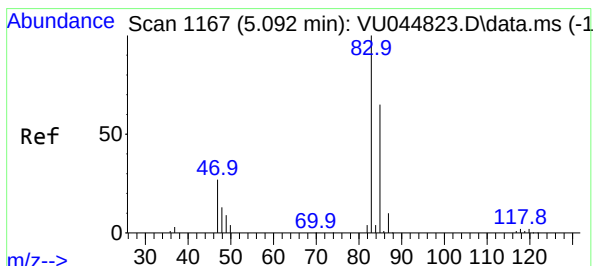
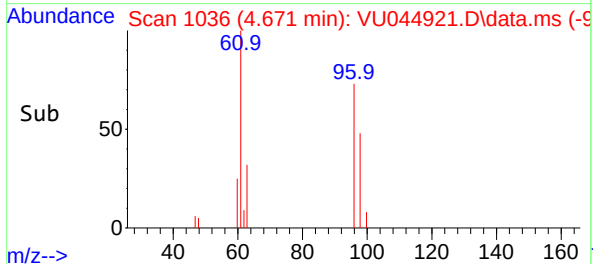
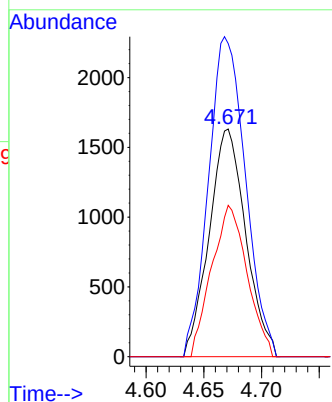
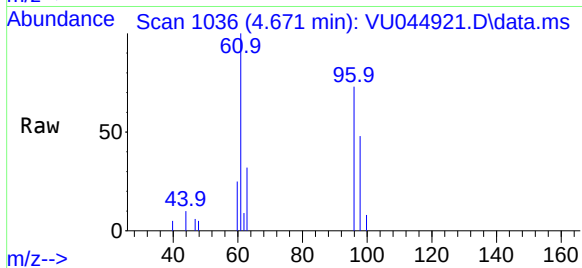




#27
cis-1,2-Dichloroethene
Concen: 1.185 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

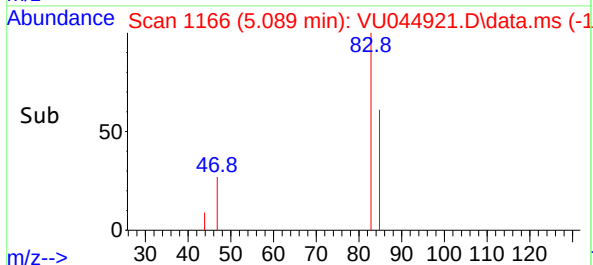
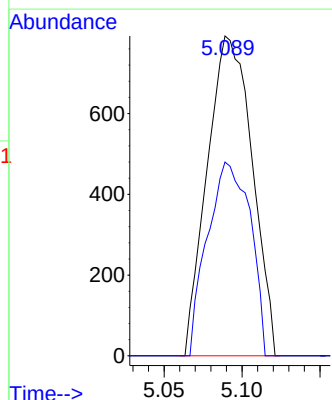
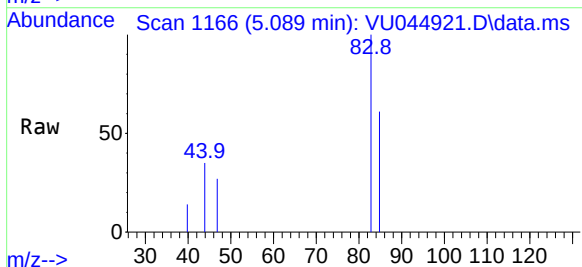
Instrument :
MSVOA_U
ClientSampleId :
RW4-20210922

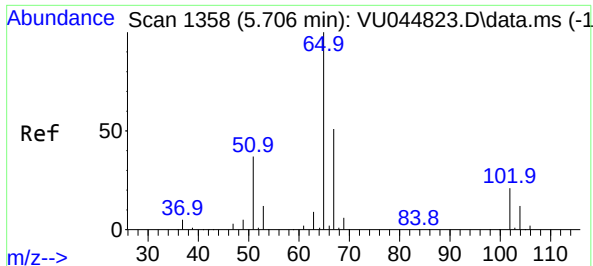
Tgt Ion:	96	Resp:	3596
Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	313.4
98	64.5	0.0	127.0



#30
Chloroform
Concen: 0.304 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

Tgt Ion:	83	Resp:	1585
Ion	Ratio	Lower	Upper
83	100		
85	60.6	52.1	78.1



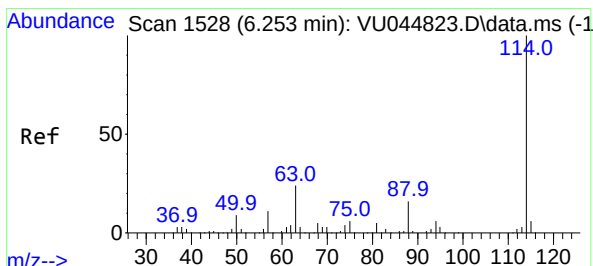
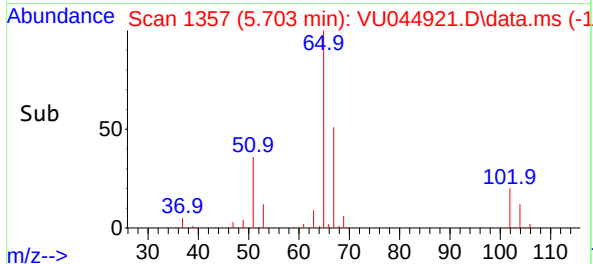
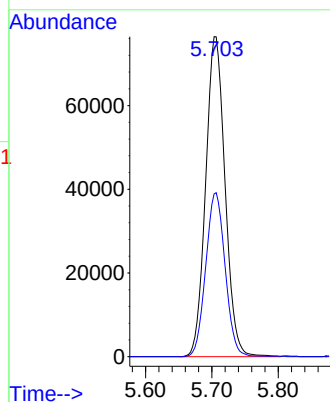
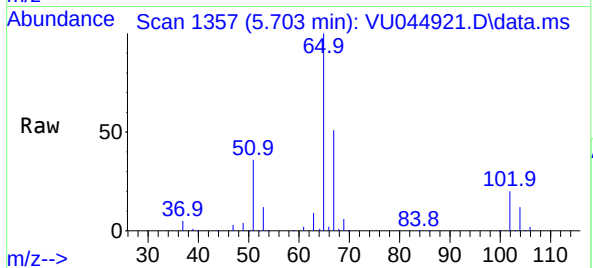


#33

1,2-Dichloroethane-d4
Concen: 46.030 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

Instrument :
MSVOA_U
ClientSampleId :
RW4-20210922

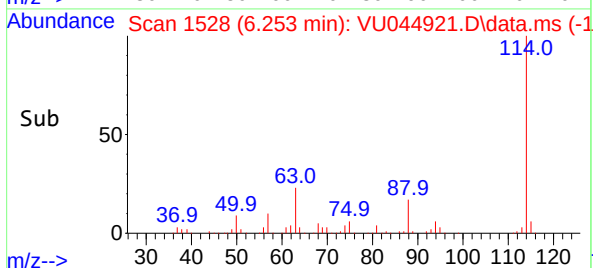
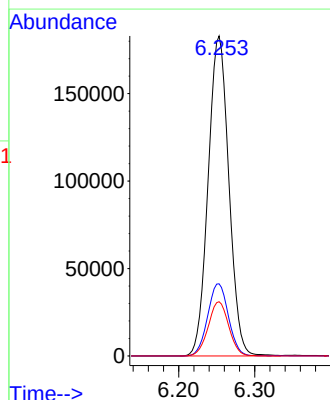
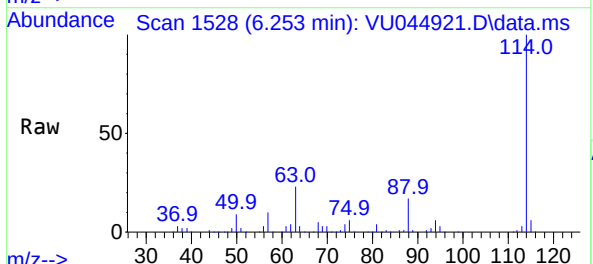
Tgt Ion: 65 Resp: 155462
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

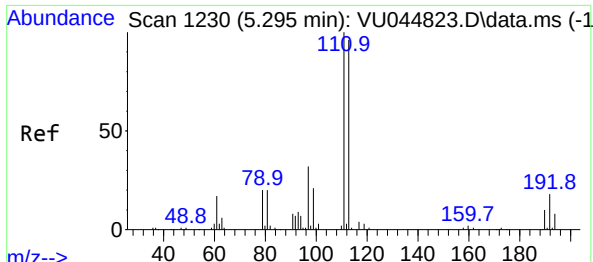


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

Tgt Ion: 114 Resp: 346145
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.8
88 16.9 0.0 32.8

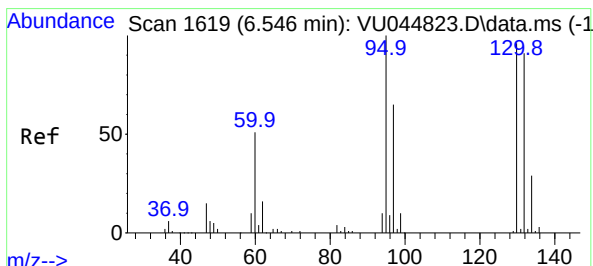
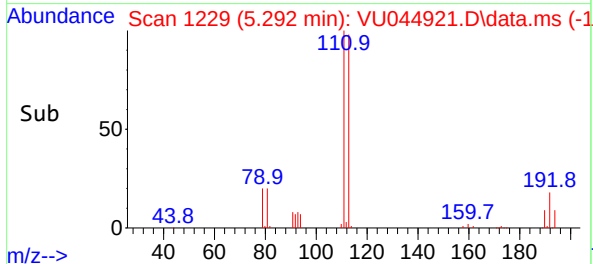
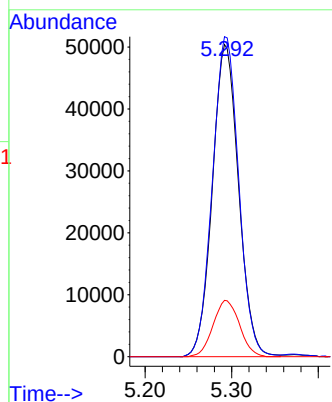
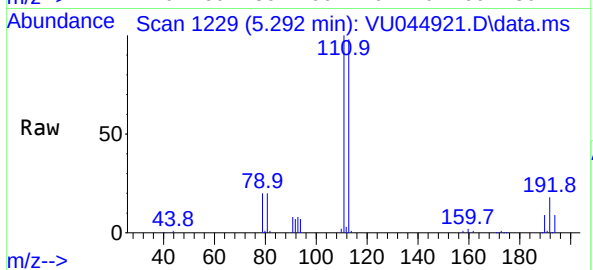




#35
Dibromofluoromethane
Concen: 44.598 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.003 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

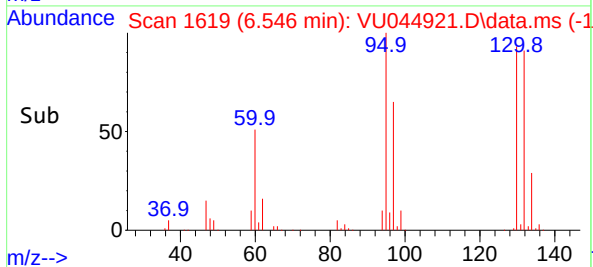
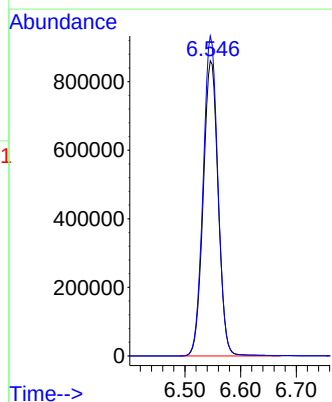
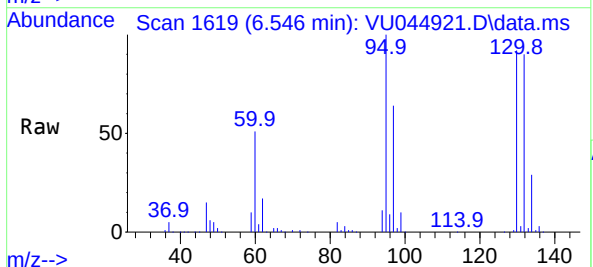
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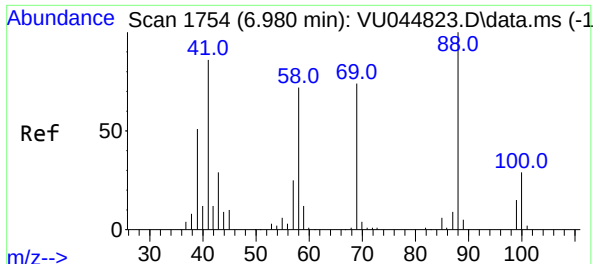
Tgt Ion:113 Resp: 105904
Ion Ratio Lower Upper
113 100
111 102.7 84.1 126.1
192 18.2 14.8 22.2



#44
Trichloroethene
Concen: 597.248 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

Tgt Ion:130 Resp: 1607276
Ion Ratio Lower Upper
130 100
95 108.4 0.0 209.0





#49

1,4-Dioxane

Concen: 12.689 ug/l

RT: 6.983 min Scan# 1755

Delta R.T. 0.003 min

Lab File: VU044921.D

Acq: 28 Sep 2021 05:01

Tgt Ion: 88 Resp: 1154

Ion Ratio Lower Upper

88 100

43 28.8 25.8 38.6

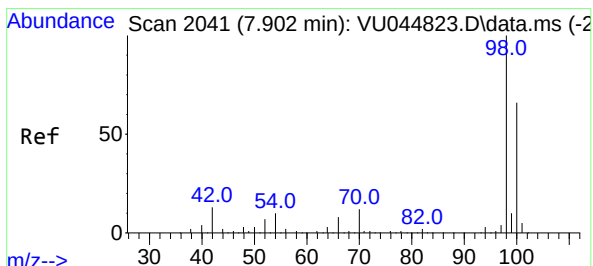
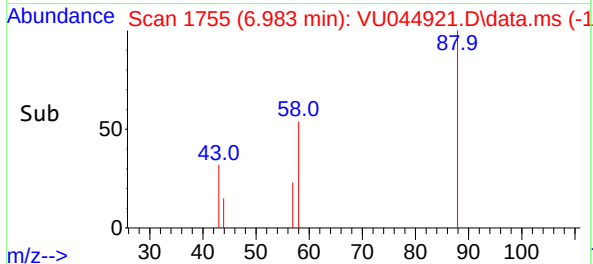
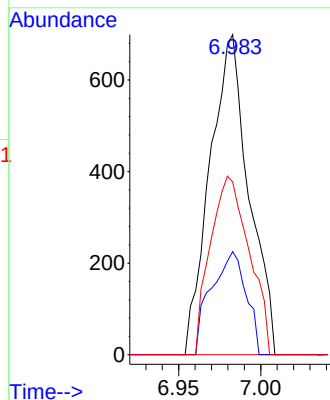
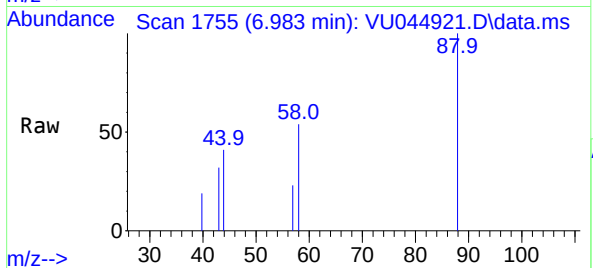
58 55.5 61.3 91.9#

Instrument :

MSVOA_U

ClientSampleId :

RW4-20210922



#50

Toluene-d8

Concen: 47.822 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VU044921.D

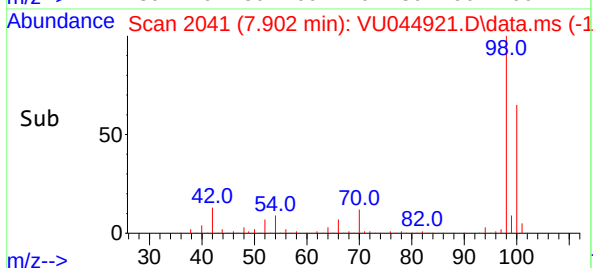
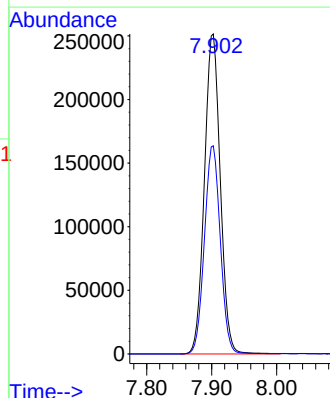
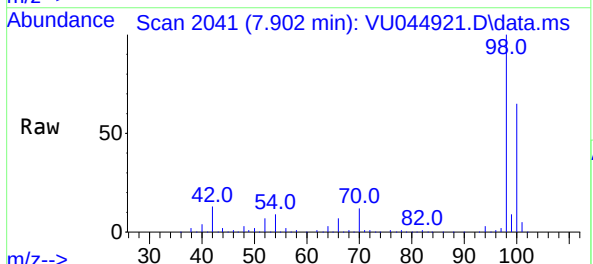
Acq: 28 Sep 2021 05:01

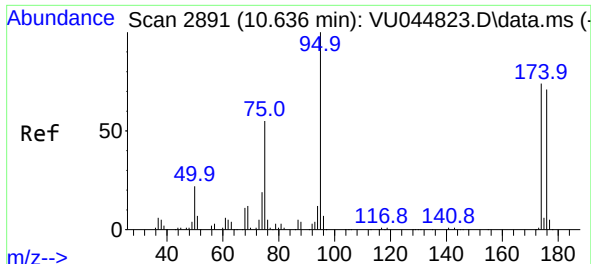
Tgt Ion: 98 Resp: 428888

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7

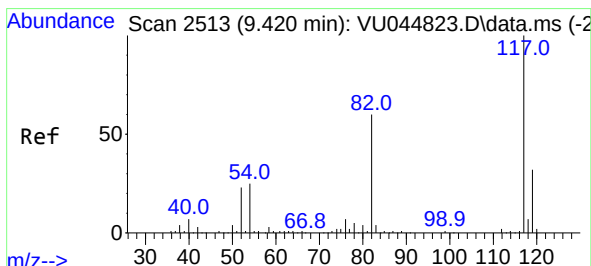
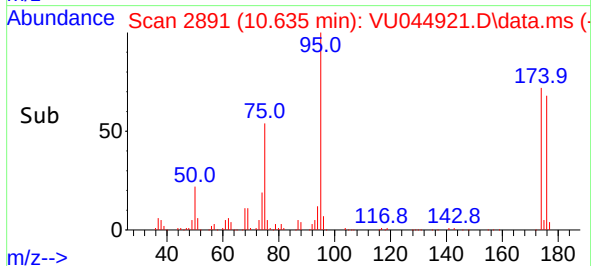
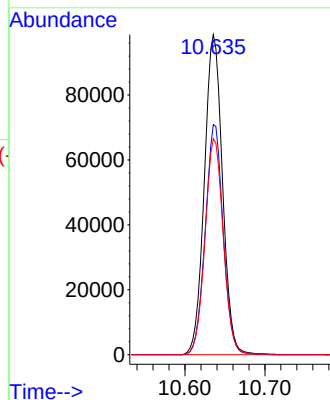
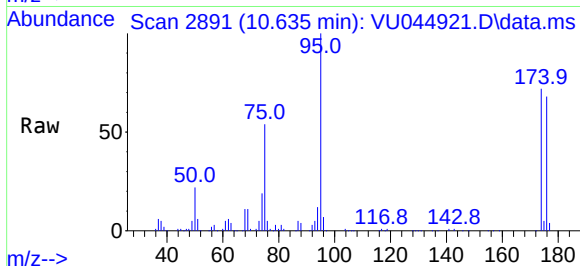




#62
4-Bromofluorobenzene
Concen: 46.783 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

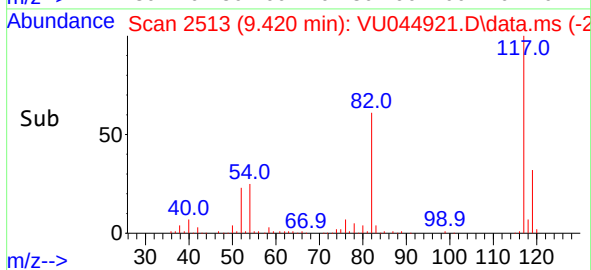
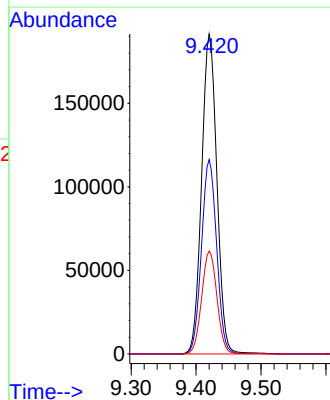
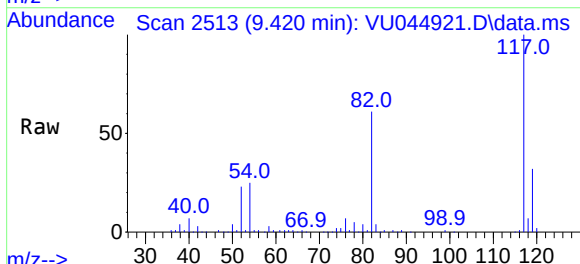
Instrument :
MSVOA_U
ClientSampleId :
RW4-20210922

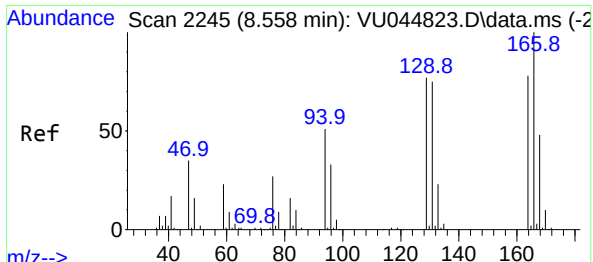
Tgt Ion: 95 Resp: 155837
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.6
176 67.8 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

Tgt Ion: 117 Resp: 313990
Ion Ratio Lower Upper
117 100
82 60.7 47.8 71.8
119 32.2 25.8 38.6



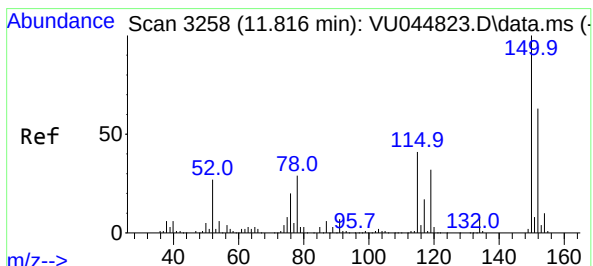
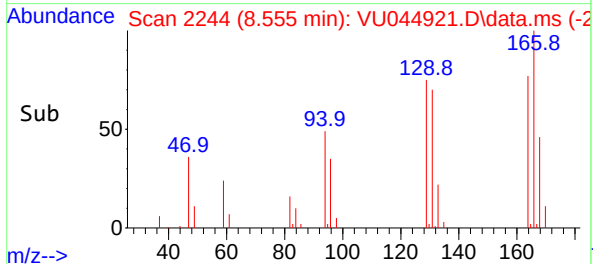
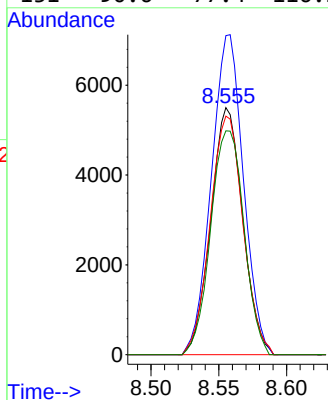
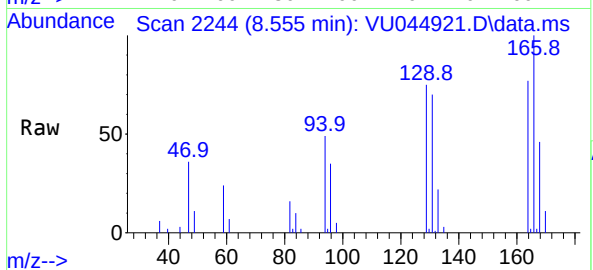


#64
Tetrachloroethene
Concen: 4.230 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

Instrument :
MSVOA_U
ClientSampleId :
RW4-20210922

Tgt Ion:164 Resp: 9002

Ion	Ratio	Lower	Upper
164	100		
166	129.1	102.8	154.2
129	96.6	79.4	119.2
131	90.6	77.4	116.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU044921.D
Acq: 28 Sep 2021 05:01

Tgt Ion:152 Resp: 147451

Ion	Ratio	Lower	Upper
152	100		
115	61.2	43.5	130.7
150	157.5	0.0	350.0

