

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045252.D
 Acq On : 08 Oct 2021 15:29
 Operator : SY/MD
 Sample : M4023-05DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ2DL

Quant Time: Oct 09 05:32:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

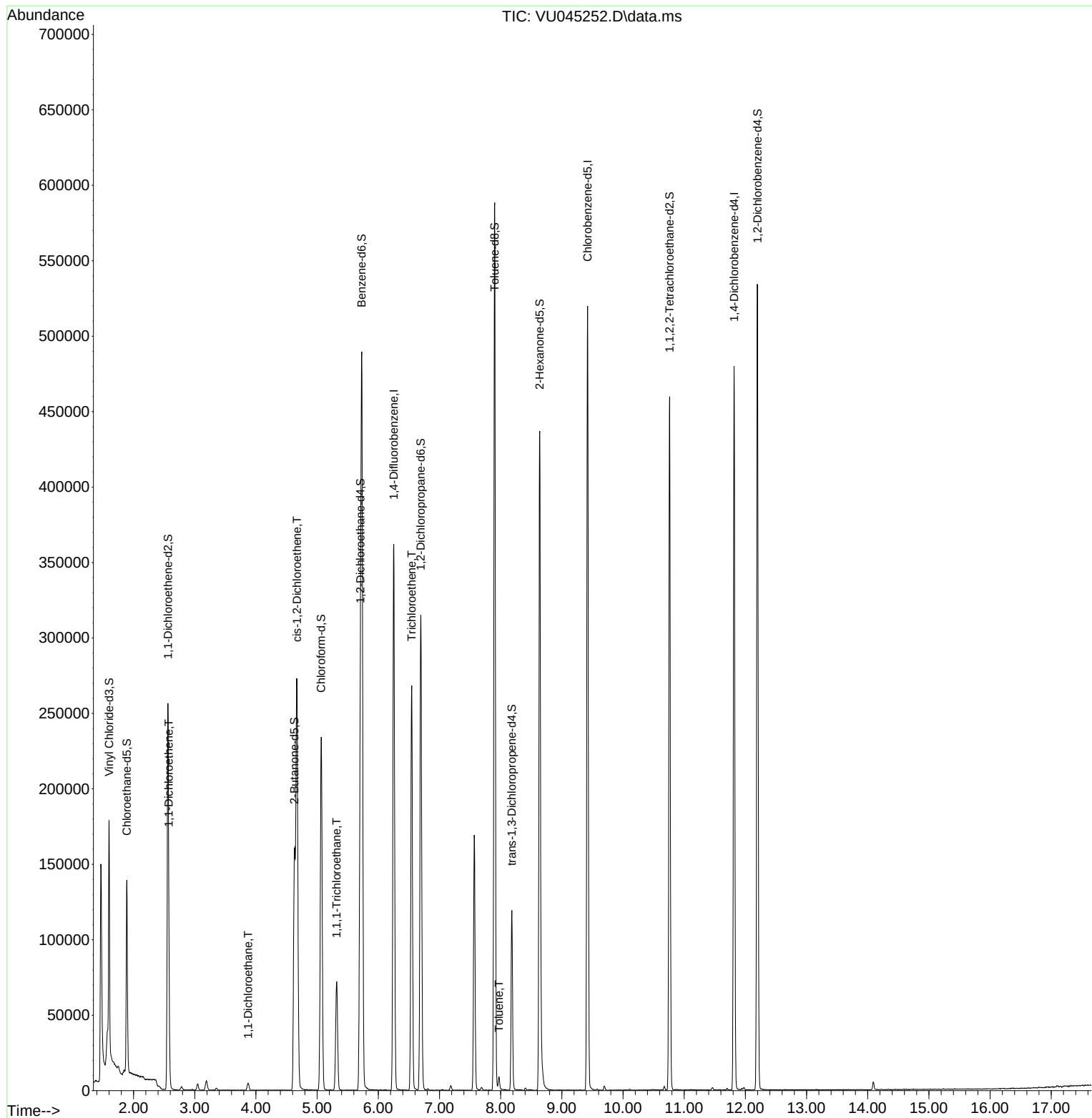
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	280225	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	274362	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	117357	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99601	32.468	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.940%		
7) Chloroethane-d5	1.890	69	97375	40.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.120%		
11) 1,1-Dichloroethene-d2	2.562	63	150014	29.120	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.240%#		
21) 2-Butanone-d5	4.629	46	219245	90.403	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.400%		
24) Chloroform-d	5.067	84	210556	43.458	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.920%		
26) 1,2-Dichloroethane-d4	5.707	65	151497	46.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.320%		
32) Benzene-d6	5.729	84	434181	45.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.220%		
36) 1,2-Dichloropropane-d6	6.694	67	143688	46.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.580%		
41) Toluene-d8	7.903	98	371955	45.273	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.540%		
43) trans-1,3-Dichloroprop...	8.182	79	62708	45.412	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.820%		
47) 2-Hexanone-d5	8.636	63	153573	89.272	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.270%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	227127	46.987	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.980%		
66) 1,2-Dichlorobenzene-d4	12.198	152	134226	52.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.100%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	13510	6.226	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	5967	1.255	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	132951	52.780	ug/L	92
30) 1,1,1-Trichloroethane	5.317	97	50968	13.420	ug/L	99
34) Trichloroethene	6.546	95	91535	37.450	ug/L	99
42) Toluene	7.973	91	5802	0.561	ug/L	96

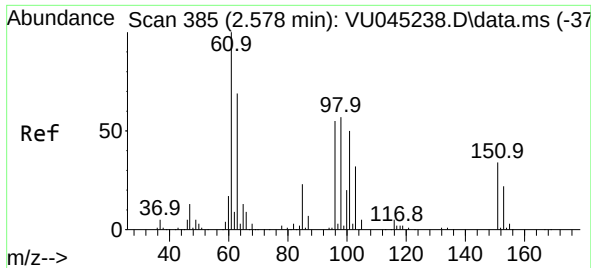
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

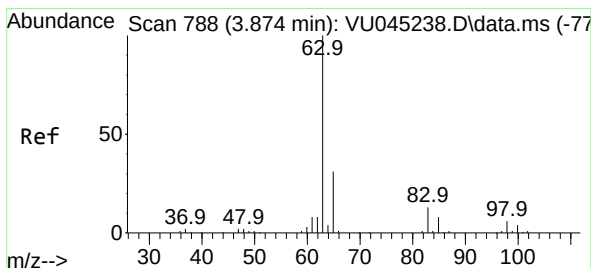
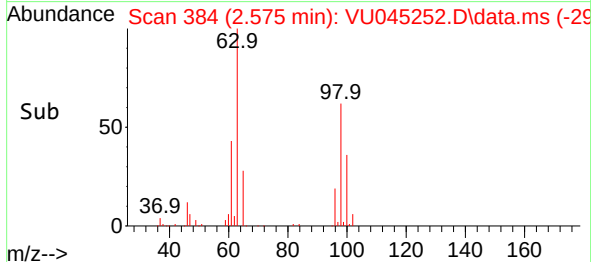
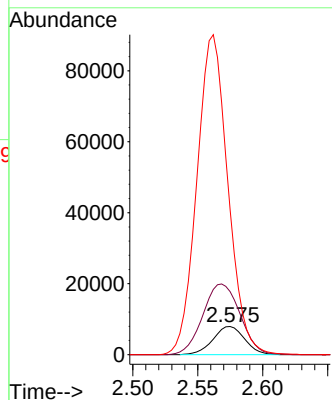
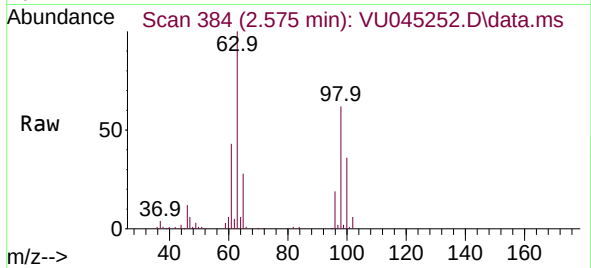




#12
1,1-Dichloroethene
Concen: 6.226 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU045252.D
Acq: 08 Oct 2021 15:29

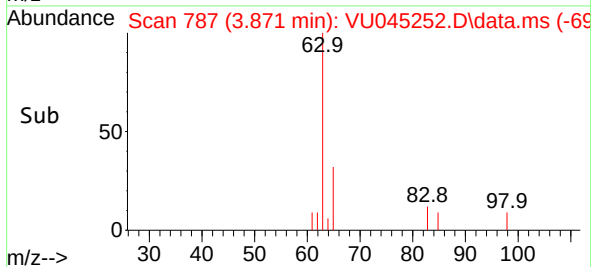
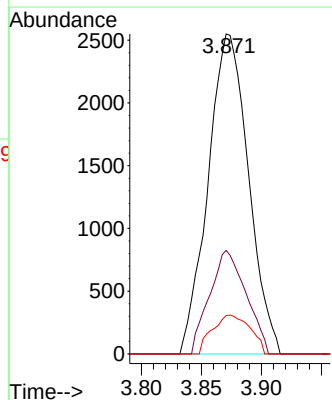
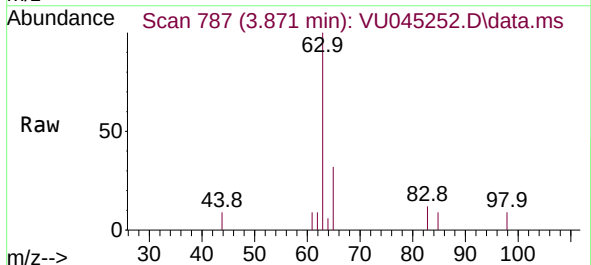
Instrument :
MSVOA_U
ClientSampleId :
C0AJ2DL

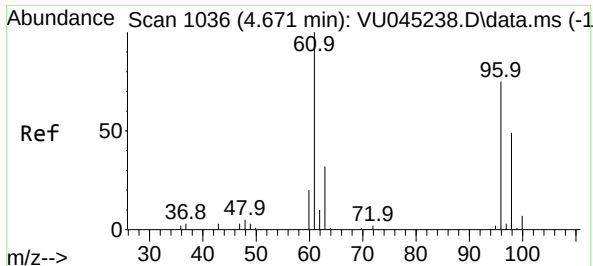
Tgt Ion: 96 Resp: 13510
Ion Ratio Lower Upper
96 100
61 223.2 131.3 243.9
63 513.6 102.5 190.3#



#19
1,1-Dichloroethane
Concen: 1.255 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.003 min
Lab File: VU045252.D
Acq: 08 Oct 2021 15:29

Tgt Ion: 63 Resp: 5967
Ion Ratio Lower Upper
63 100
65 32.4 22.0 40.8
83 12.0 9.0 16.6

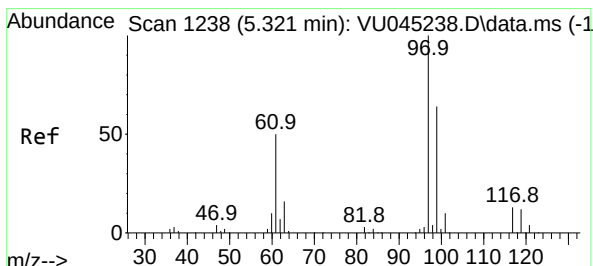
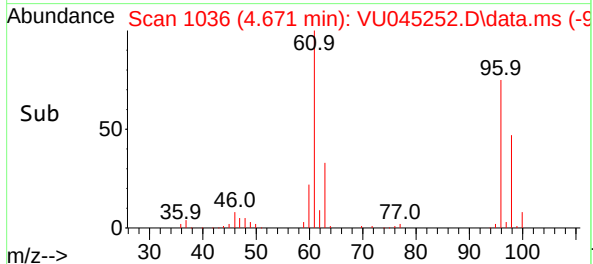
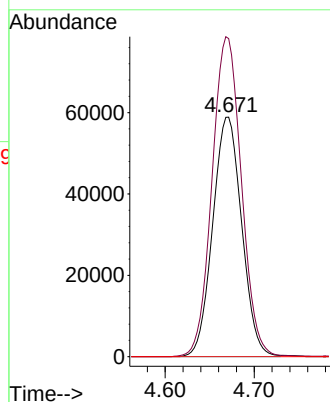
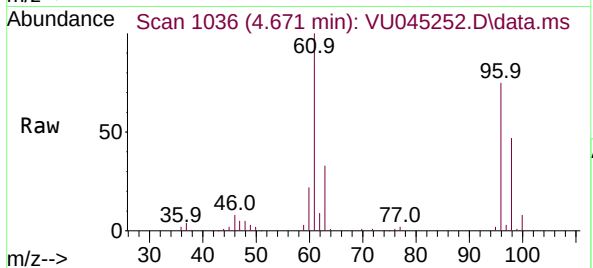




#20
cis-1,2-Dichloroethene
Concen: 52.780 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045252.D
Acq: 08 Oct 2021 15:29

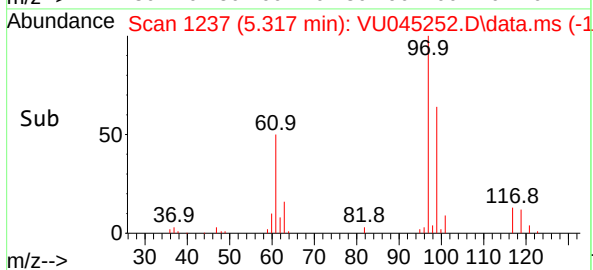
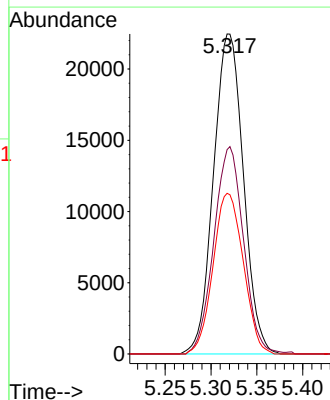
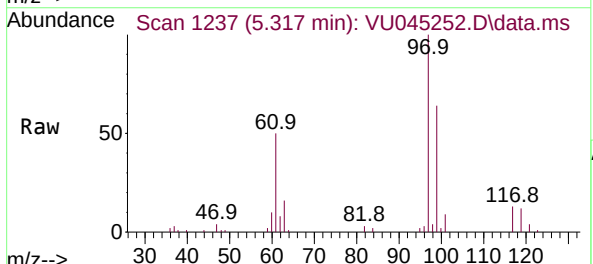
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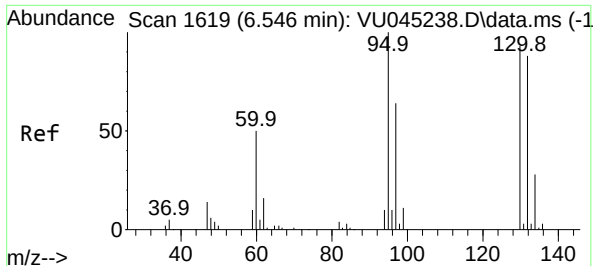
Tgt Ion:	96	Resp:	132951
Ion	Ratio	Lower	Upper
96	100		
61	132.8	100.2	186.0
68	0.0	0.0	0.0



#30
1,1,1-Trichloroethane
Concen: 13.420 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045252.D
Acq: 08 Oct 2021 15:29

Tgt Ion:	97	Resp:	50968
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.6	75.8
61	50.7	41.3	61.9



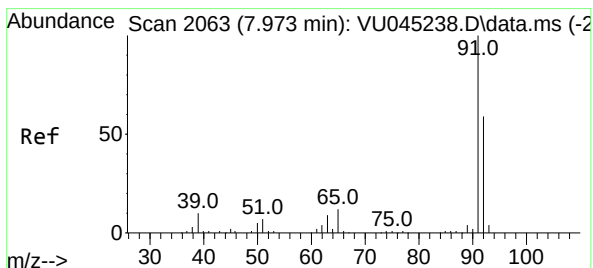
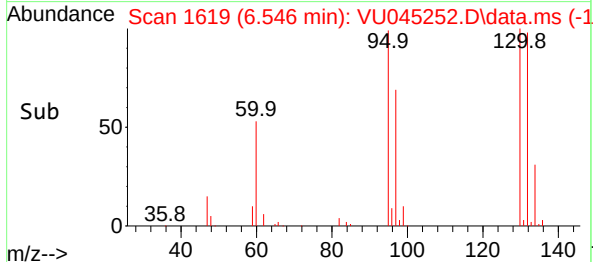
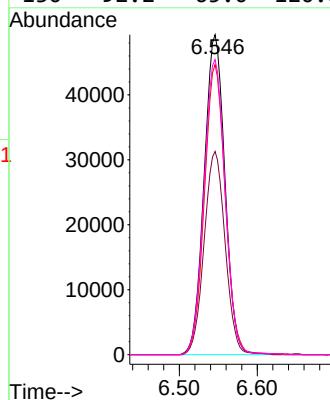
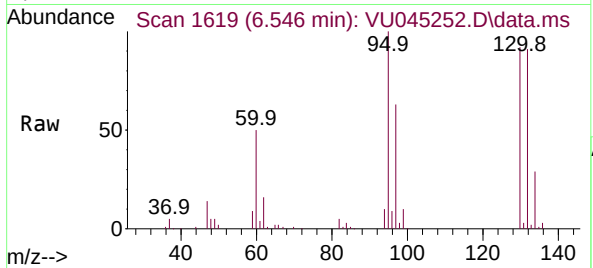


#34
Trichloroethene
Concen: 37.450 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045252.D
Acq: 08 Oct 2021 15:29

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Tgt Ion: 95 Resp: 91535

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.4	82.4
132	90.7	62.9	116.9
130	92.2	65.0	120.8



#42
Toluene
Concen: 0.561 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045252.D
Acq: 08 Oct 2021 15:29

Tgt Ion: 91 Resp: 5802

Ion	Ratio	Lower	Upper
91	100		
92	60.9	40.5	75.1

