

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026060.D
 Acq On : 13 Aug 2018 11:54
 Operator : MD/SY
 Sample : J4401-16MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZF4MSD

Quant Time: Aug 14 01:32:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 01:13:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	275533	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	256175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	114299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98198	48.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.52%
7) Chloroethane-d5	1.67	69	81974	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.68%
11) 1,1-Dichloroethene-d2	2.27	63	197991	51.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.46%
21) 2-Butanone-d5	4.18	46	155171	92.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.44%
24) Chloroform-d	4.65	84	215438	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
26) 1,2-Dichloroethane-d4	5.31	65	145755	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
32) Benzene-d6	5.35	84	419447	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
36) 1,2-Dichloropropane-d6	6.33	67	136454	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.02%
41) Toluene-d8	7.57	98	386139	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%
43) trans-1,3-Dichloropropene-	7.85	79	66984	51.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.30%
47) 2-Hexanone-d5	8.31	63	108945	93.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	184572	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	152363	54.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.14%

Target Compounds

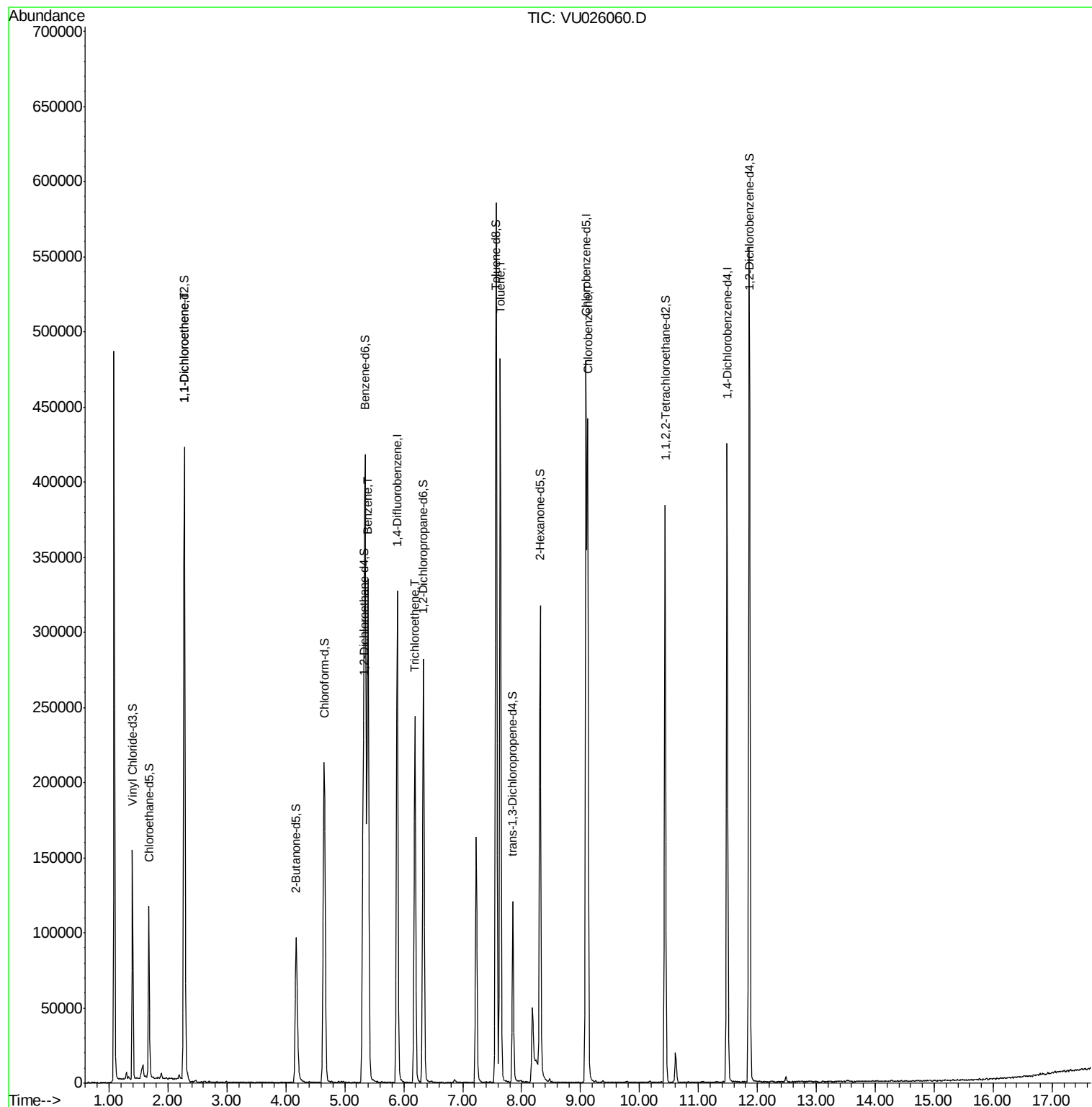
					Ovalue
12) 1,1-Dichloroethene	2.28	96	72233	45.41 ug/L	95
33) Benzene	5.39	78	325269	44.58 ug/L	100
34) Trichloroethene	6.19	95	81812	42.92 ug/L	98
42) Toluene	7.64	91	350144	45.21 ug/L	99
51) Chlorobenzene	9.12	112	229978	44.04 ug/L	99

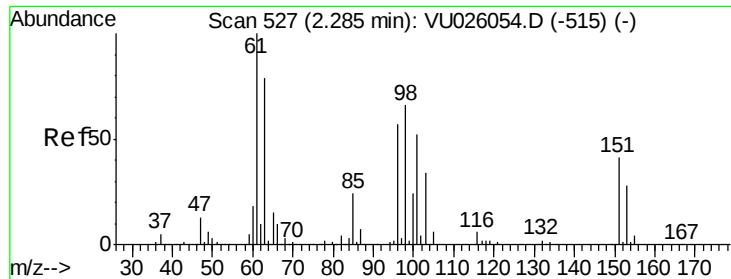
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 45.41 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

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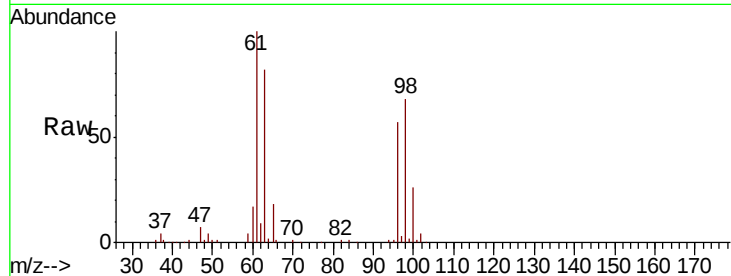
Tot Ion: 96 Resp: 72233

Ion Ratio Lower Upper

96 100

61 176.5 121.2 225.2

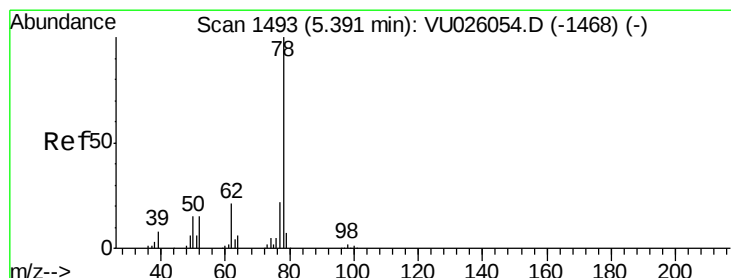
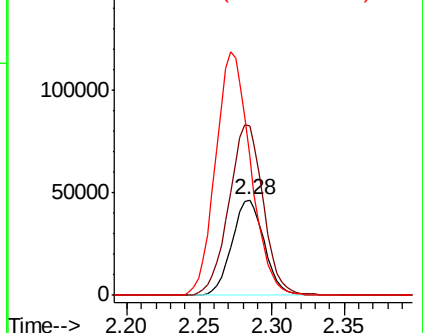
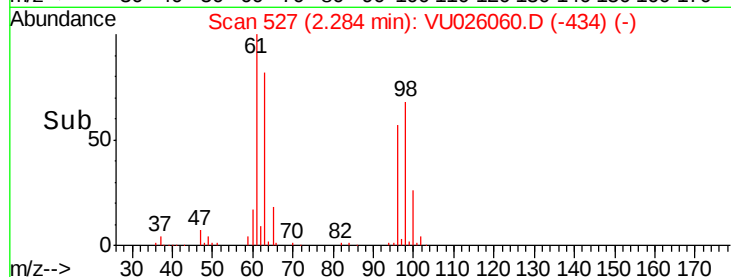
63 145.5 108.7 201.9



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#33

Benzene

Concen: 44.58 ug/L

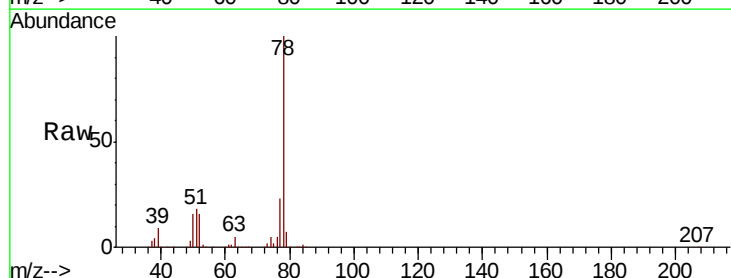
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

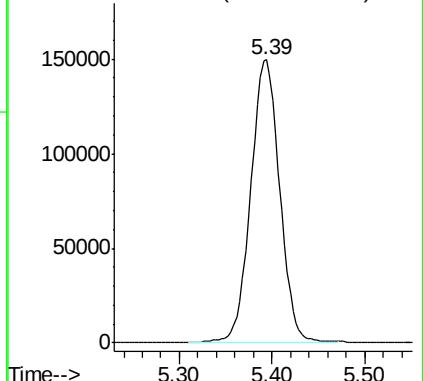
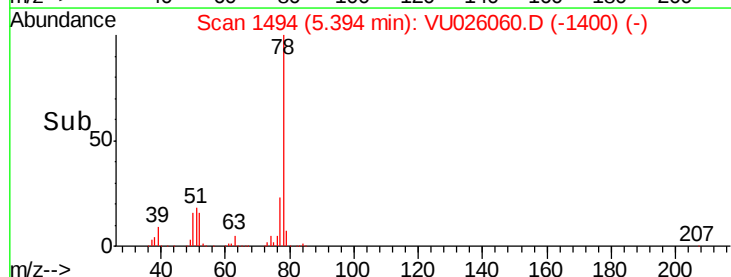
Lab File: VU026060.D

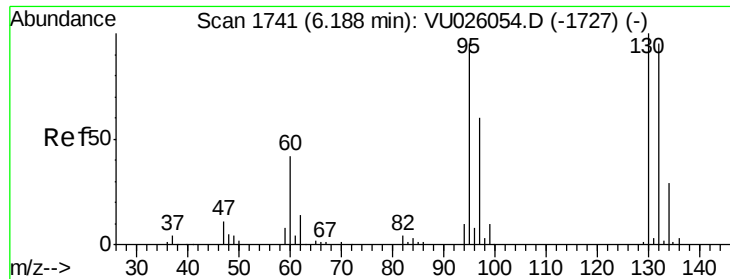
Acq: 13 Aug 2018 11:54

Tgt Ion: 78 Resp: 325269



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 42.92 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026060.D

Acq: 13 Aug 2018 11:54

Instrument :

MSVOA_U

ClientSampleId :

A4ZF4MSD

Tot Ion: 95 Resp: 81812

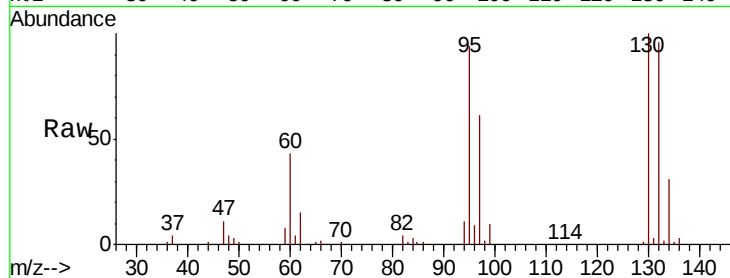
Ion Ratio Lower Upper

95 100

97 64.4 45.2 84.0

132 101.6 68.2 126.6

130 106.2 73.8 137.2

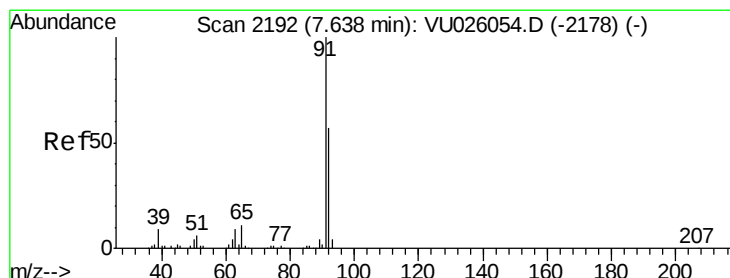
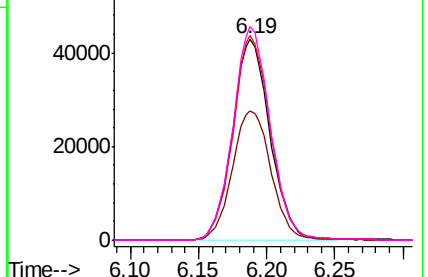
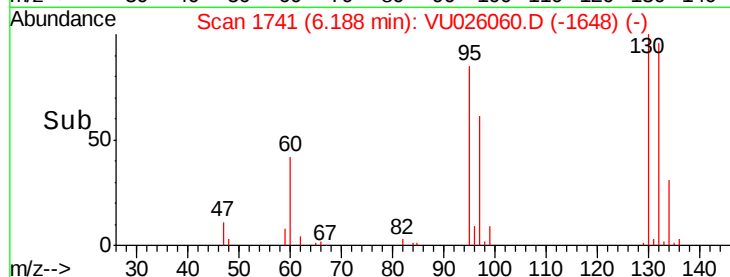


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 45.21 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU026060.D

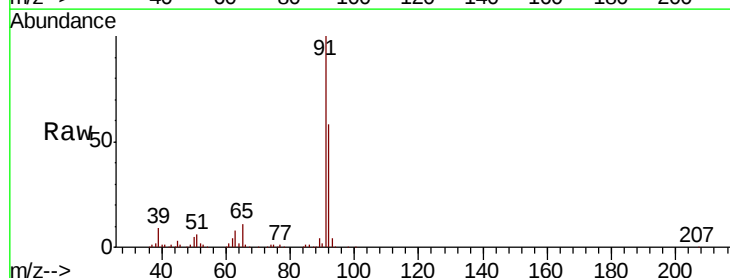
Acq: 13 Aug 2018 11:54

Tgt Ion: 91 Resp: 350144

Ion Ratio Lower Upper

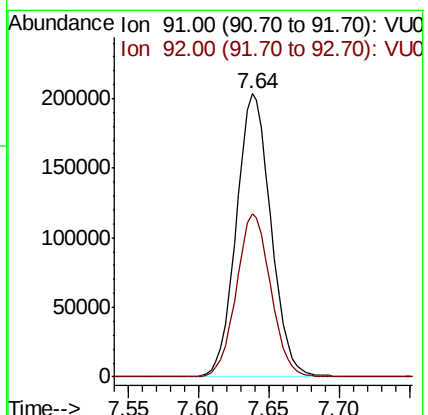
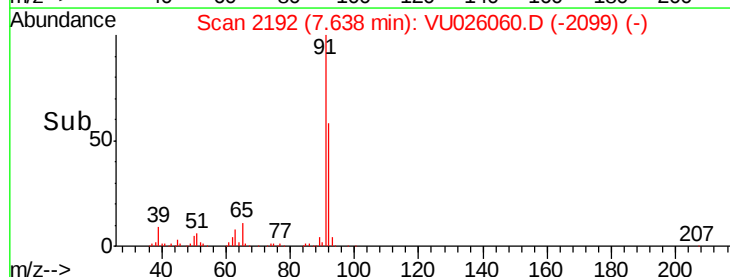
91 100

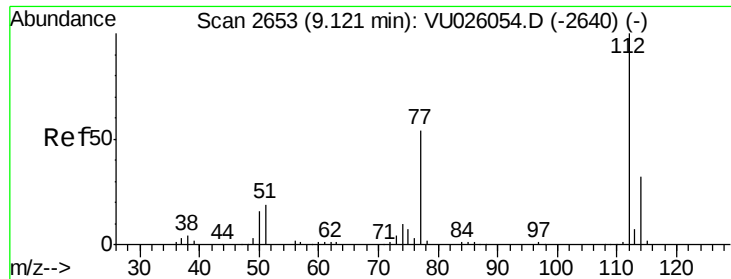
92 57.8 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51
 Chlorobenzene
 Concen: 44.04 ug/L
 RT: 9.12 min Scan# 2653
 Delta R.T. -0.00 min
 Lab File: VU026060.D
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Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.3
77	56.2	45.2	67.8

