

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
 Data File : VU027801.D
 Acq On : 24 Oct 2018 21:48
 Operator : MD/SY
 Sample : J5599-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H1A08MS

Quant Time: Oct 25 08:16:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 25 07:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	33243	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	32040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	15367	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13144	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.68	69	10496	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.28	63	26552	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	4.20	46	45800	55.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.18%
24) Chloroform-d	4.65	84	22695	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.32	65	15686	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.34	84	48054	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
36) 1,2-Dichloropropane-d6	6.33	67	16982	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.57	98	43862	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	7.86	79	6394	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.31	63	38743	57.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	12668	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	16754	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

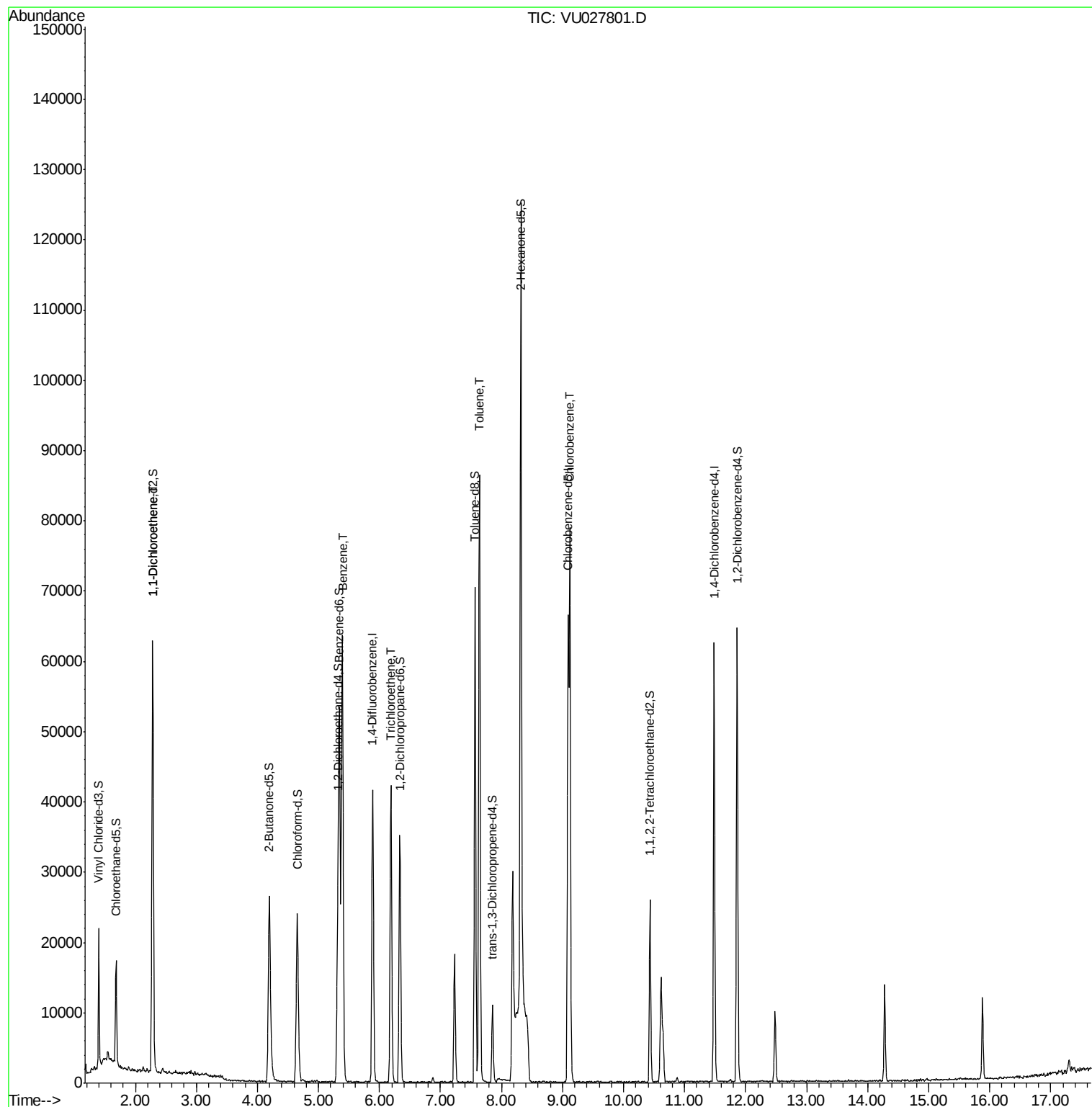
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.29	96	11627	5.366 ug/L	95
33) Benzene	5.39	78	57902	5.438 ug/L	100
34) Trichloroethene	6.19	95	14566	5.281 ug/L	95
42) Toluene	7.64	91	62541	5.457 ug/L	99
51) Chlorobenzene	9.12	112	37449	5.308 ug/L	99

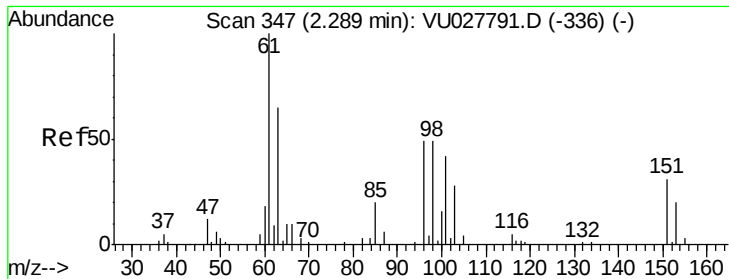
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.366 ug/L

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

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Instrument :

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H1A08MS

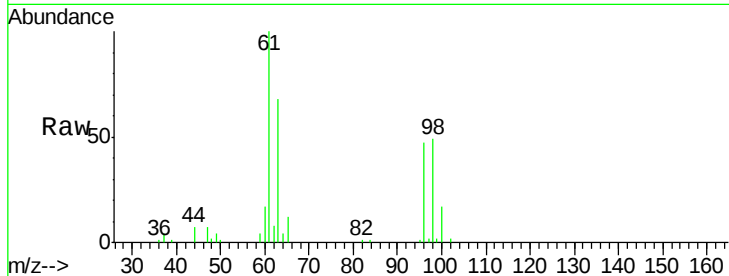
Tgt Ion: 96 Resp: 11627

Ion Ratio Lower Upper

96 100

61 214.9 143.8 267.0

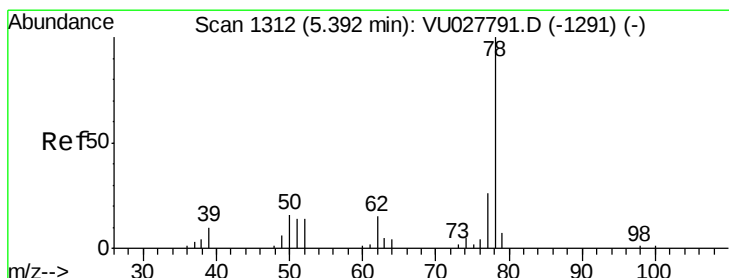
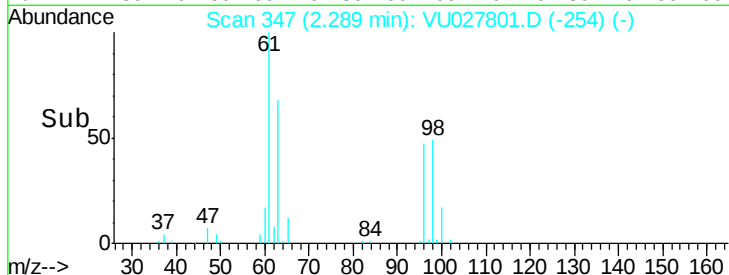
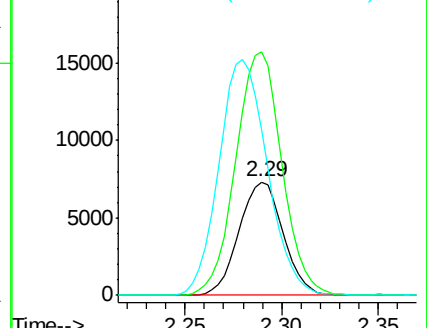
63 145.8 105.1 195.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#33

Benzene

Concen: 5.438 ug/L

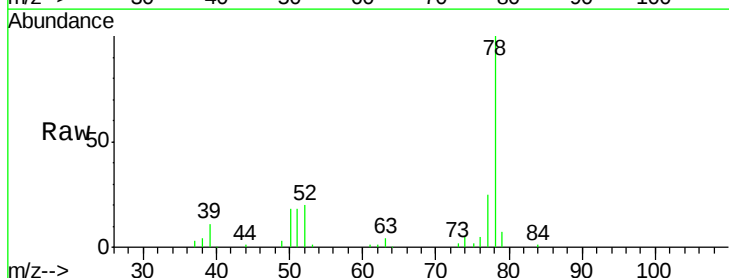
RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

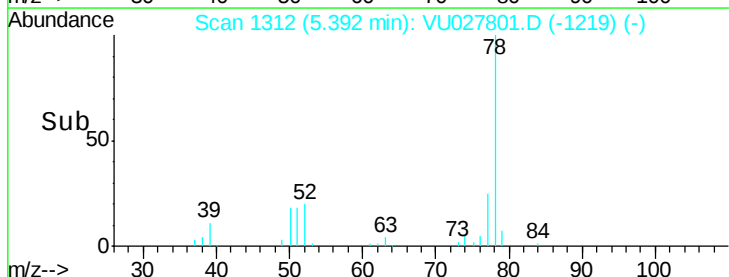
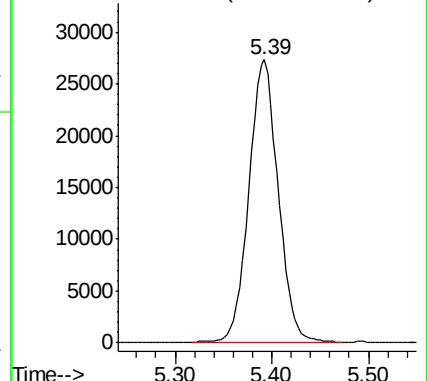
Lab File: VU027801.D

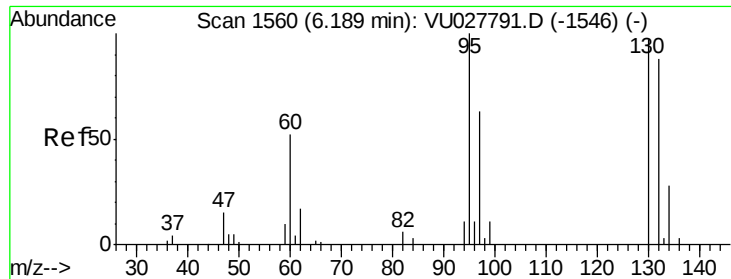
Acq: 24 Oct 2018 21:48

Tgt Ion: 78 Resp: 57902



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 5.281 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027801.D

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Instrument :

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ClientSampleId :

H1A08MS

Tgt Ion: 95 Resp: 14566

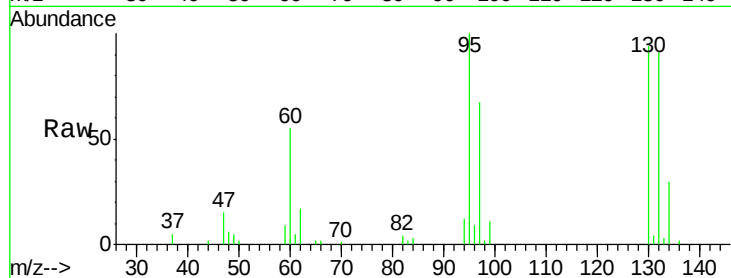
Ion Ratio Lower Upper

95 100

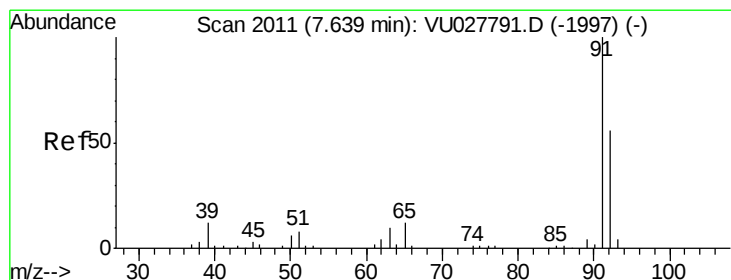
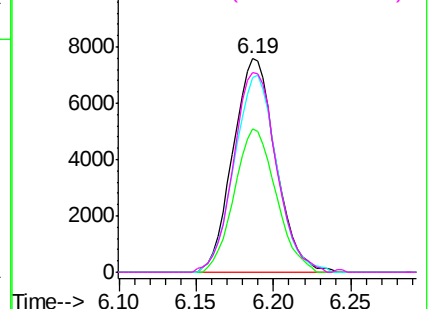
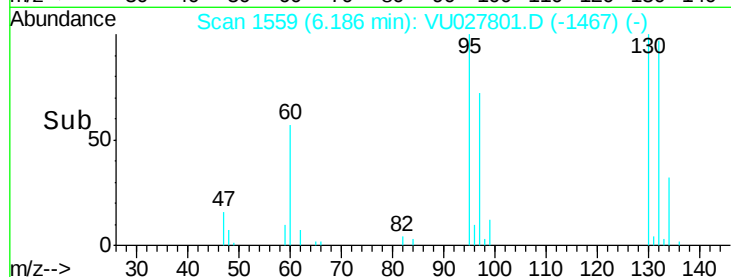
97 67.0 46.4 86.2

132 91.2 62.0 115.2

130 93.6 59.5 110.5



Abundance Ion 95.00 (94.70 to 95.70): VU027791.D (-1546) (-)



#42

Toluene

Concen: 5.457 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027801.D

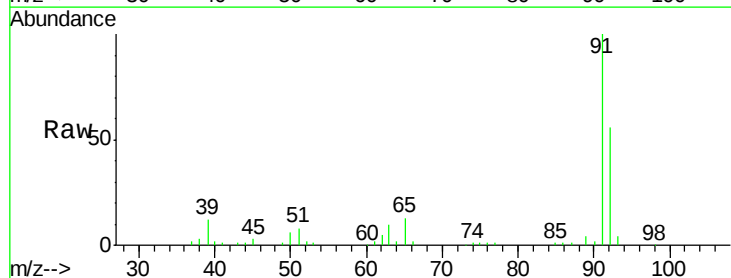
Acq: 24 Oct 2018 21:48

Tgt Ion: 91 Resp: 62541

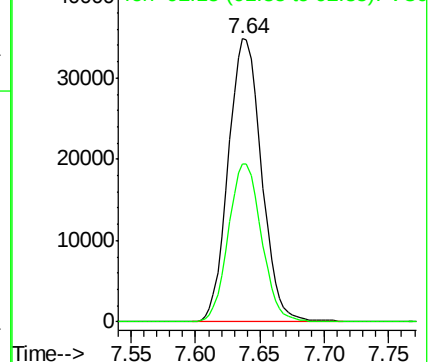
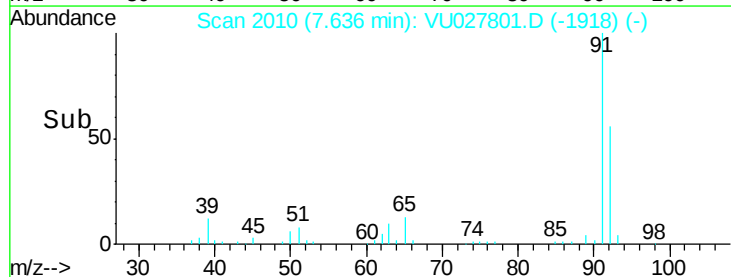
Ion Ratio Lower Upper

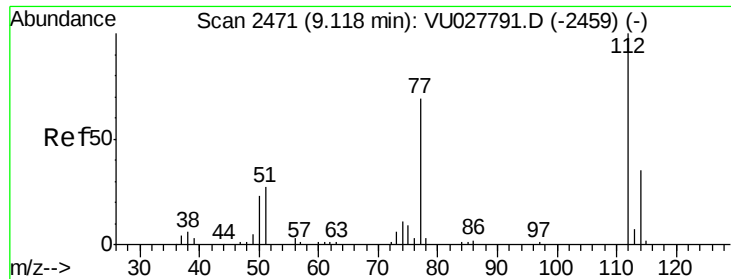
91 100

92 56.0 38.6 71.8



Abundance Ion 91.15 (90.85 to 91.85): VU027791.D (-1997) (-)





#51

Chlorobenzene

Concen: 5.308 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU027801.D

Acq: 24 Oct 2018 21:48

Instrument :

MSVOA_U

ClientSampleId :

H1A08MS

Tgt Ion:112 Resp: 37449

Ion Ratio Lower Upper

112 100

114 31.7 21.2 39.4

77 68.2 54.2 81.4

