

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
 Data File : VU027796.D
 Acq On : 24 Oct 2018 19:48
 Operator : MD/SY
 Sample : J5599-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H1A04

Quant Time: Oct 26 11:32:27 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	37629	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	36664	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19210	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13808	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.68	69	10509	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.28	63	20367	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.20	46	49938	53.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.10%
24) Chloroform-d	4.65	84	25526	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.31	65	15351	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.34	84	47156	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.33	67	17436	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.57	98	46032	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.85	79	6721	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.31	63	40935	52.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13004	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	18797	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

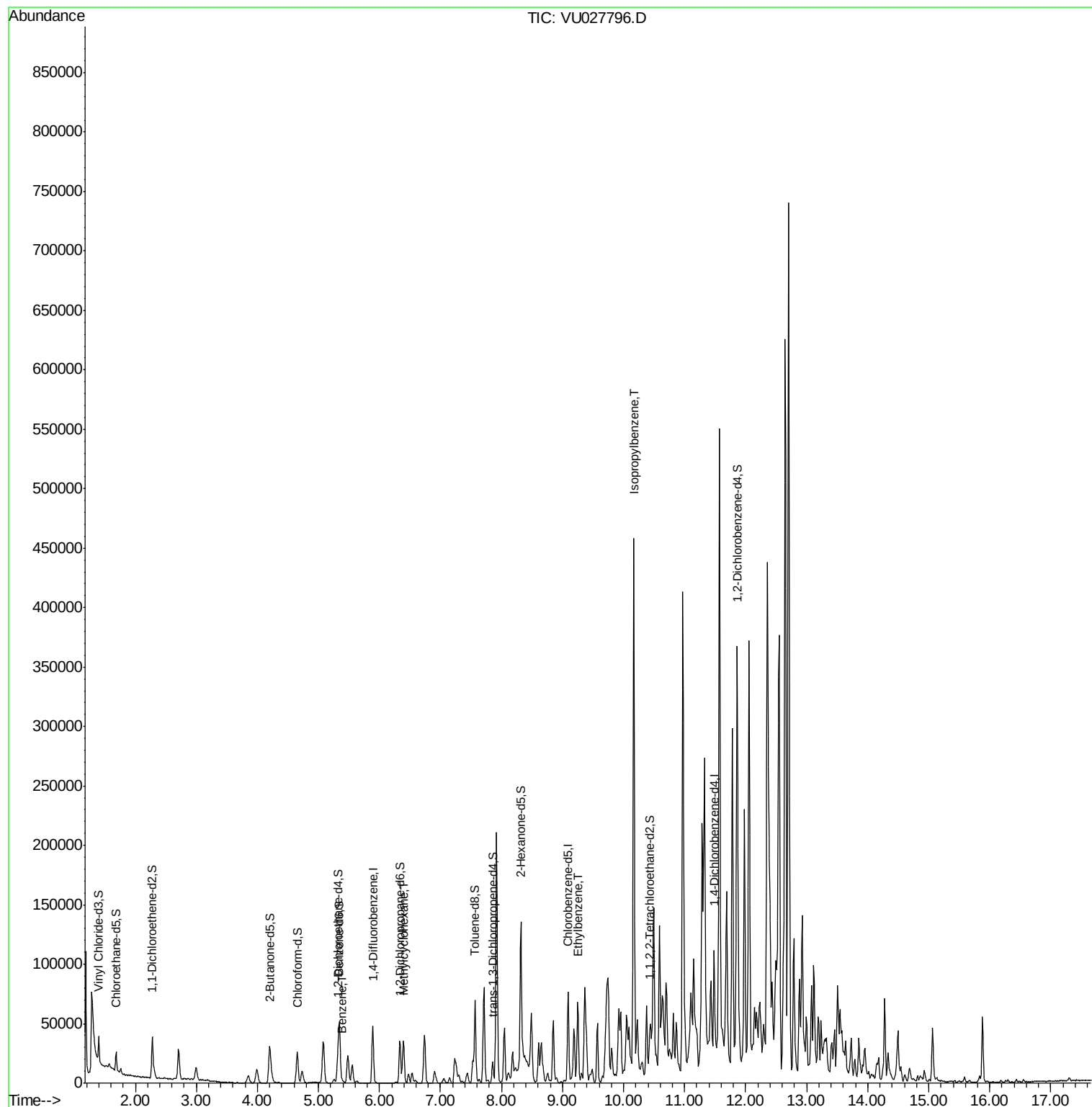
					Qvalue
33) Benzene	5.39	78	1994	0.164 ug/L	100
35) Methylcyclohexane	6.40	83	7496	1.421 ug/L #	35
52) Ethylbenzene	9.25	91	26028	1.711 ug/L	99
56) Isopropylbenzene	10.17	105	269441	18.482 ug/L	100

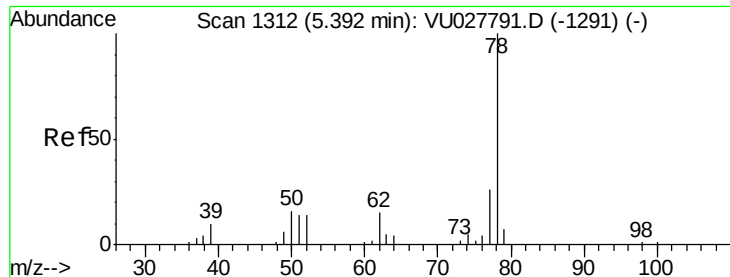
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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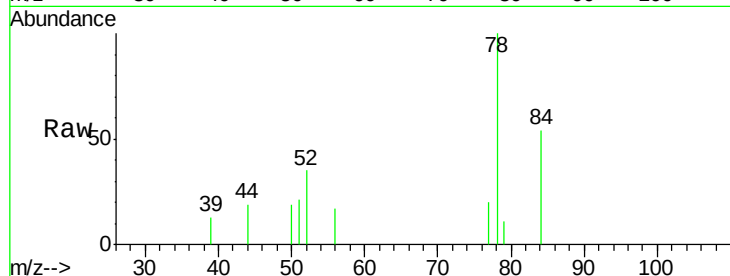




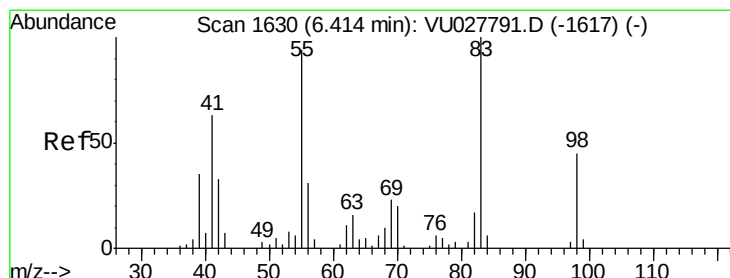
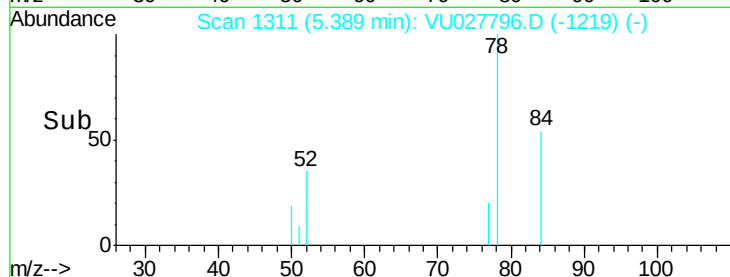
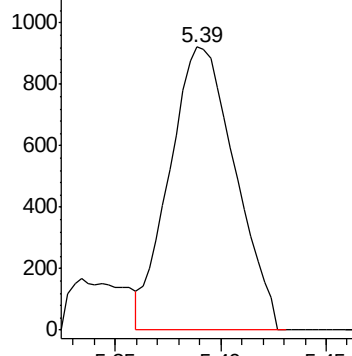
#33
Benzene
Concen: 0.164 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027796.D
Acq: 24 Oct 2018 19:48

Instrument :
MSVOA_U
ClientSampleId :
H1A04

Tgt Ion: 78 Resp: 1994

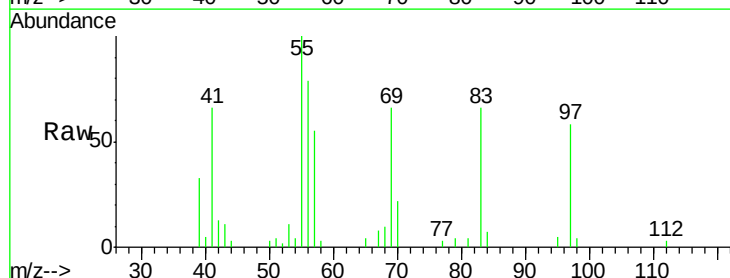


Abundance Ion 78.10 (77.80 to 78.80): VU0



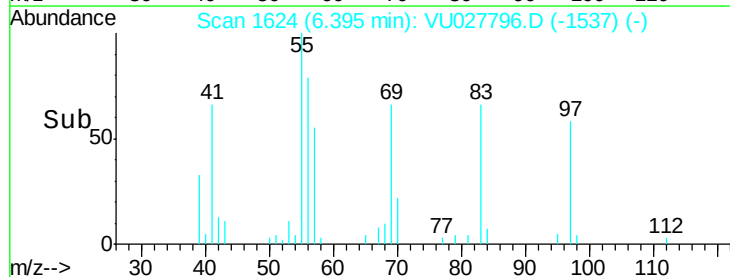
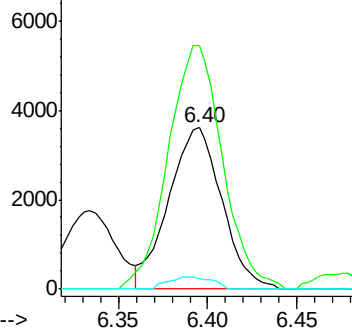
#35
Methylcyclohexane
Concen: 1.421 ug/L
RT: 6.40 min Scan# 1624
Delta R.T. -0.02 min
Lab File: VU027796.D
Acq: 24 Oct 2018 19:48

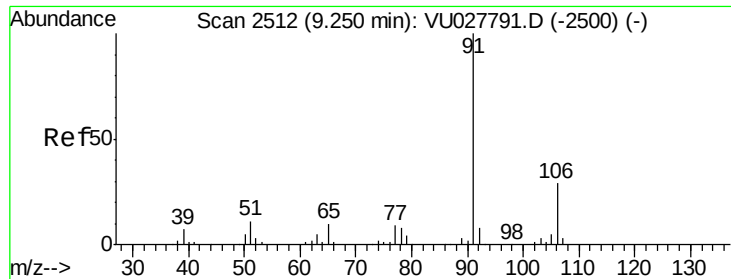
Tgt Ion: 83 Resp: 7496
Ion Ratio Lower Upper
83 100
55 153.5 71.5 107.3#
98 6.1 35.4 53.0#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





#52

Ethylbenzene

Concen: 1.711 ug/L

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027796.D

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Instrument :

MSVOA_U

ClientSampleId :

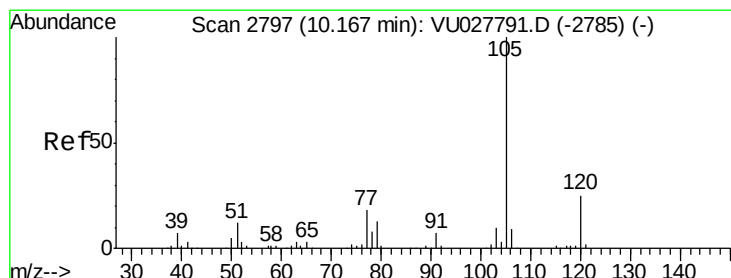
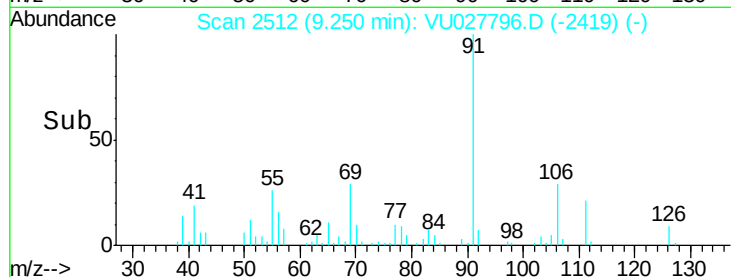
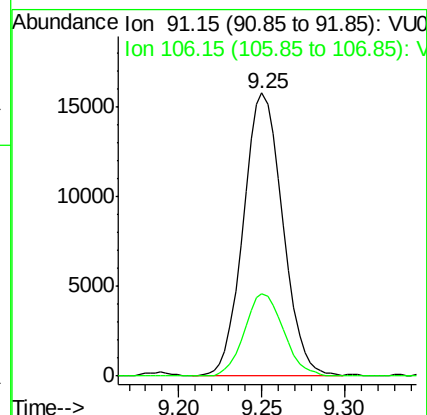
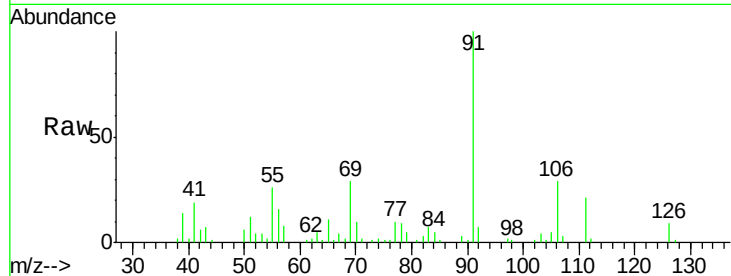
H1A04

Tgt Ion: 91 Resp: 26028

Ion Ratio Lower Upper

91 100

106 29.2 20.6 38.4



#56

Isopropylbenzene

Concen: 18.482 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027796.D

Acq: 24 Oct 2018 19:48

Tgt Ion: 105 Resp: 269441

Ion Ratio Lower Upper

105 100

120 24.9 19.9 29.9

77 17.3 13.7 20.5

