

Data File : VU027516.D
Acq On : 08 Oct 2018 21:53
Operator : MD/SY
Sample : J5298-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W9

Quant Time: Oct 09 05:24:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	182602	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	168097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51385	35.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.52%
7) Chloroethane-d5	1.68	69	45792	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.72%
11) 1,1-Dichloroethene-d2	2.27	63	76175	28.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.52%#
21) 2-Butanone-d5	4.18	46	130027	112.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.08%
24) Chloroform-d	4.65	84	107705	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.31	65	76699	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
32) Benzene-d6	5.34	84	206927	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.90%
36) 1,2-Dichloropropane-d6	6.33	67	77969	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.50%
41) Toluene-d8	7.57	98	170017	39.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.96%#
43) trans-1,3-Dichloropropene-	7.85	79	33950	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.31	63	88520	106.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107319	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	66422	45.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.94%

Target Compounds

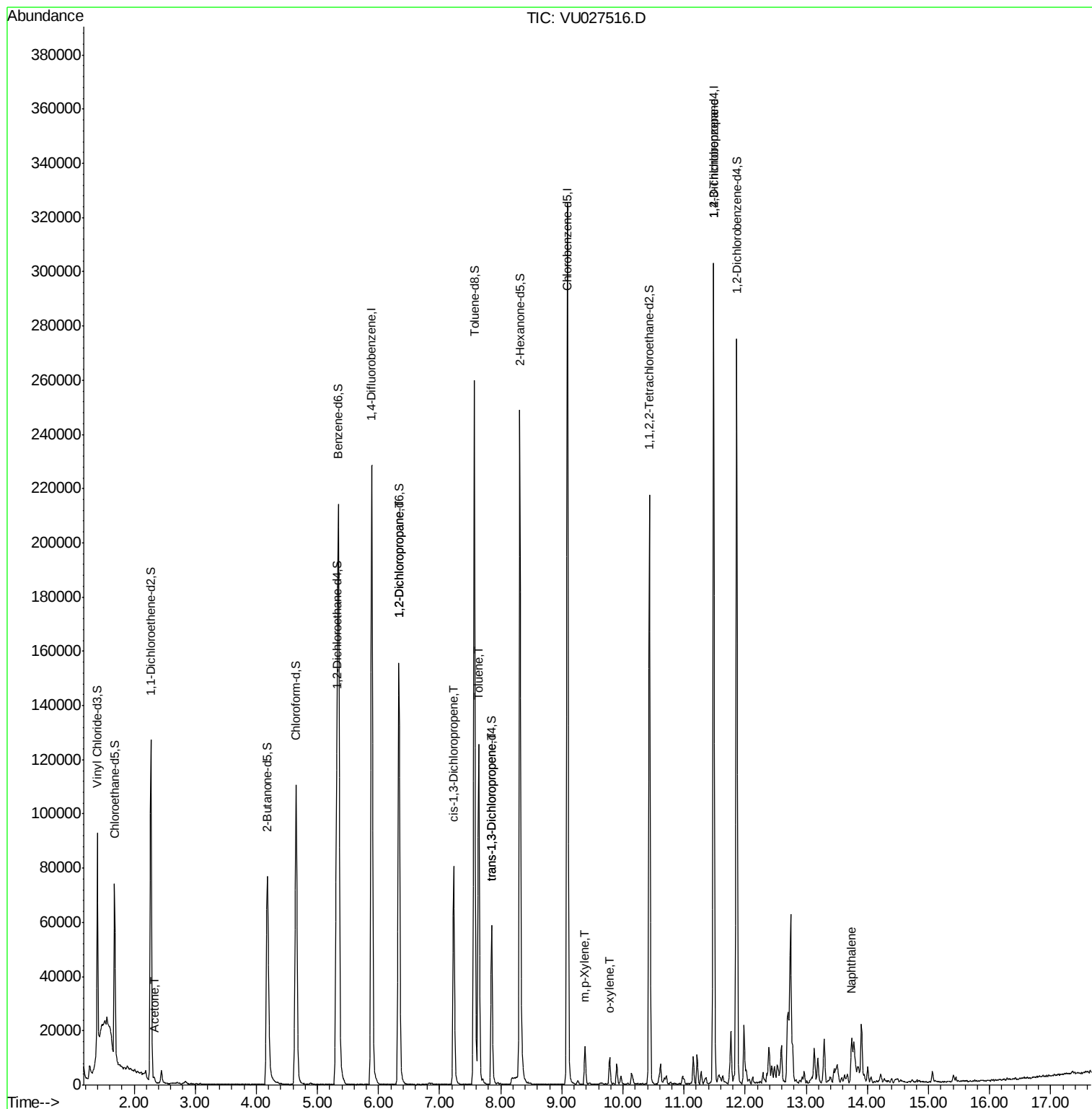
					Qvalue
13) Acetone	2.33	43	784	0.824 ug/L	56
37) 1,2-Dichloropropane	6.33	63	8234	5.145 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1683	0.716 ug/L #	33
42) Toluene	7.64	91	89249	16.103 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	1294	0.593 ug/L	96
53) m,p-Xylene	9.38	106	4020	1.785 ug/L	95
54) o-xylene	9.78	106	2648	1.220 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	10441	5.762 ug/L #	87
69) Naphthalene	13.74	128	8898	1.767 ug/L	99

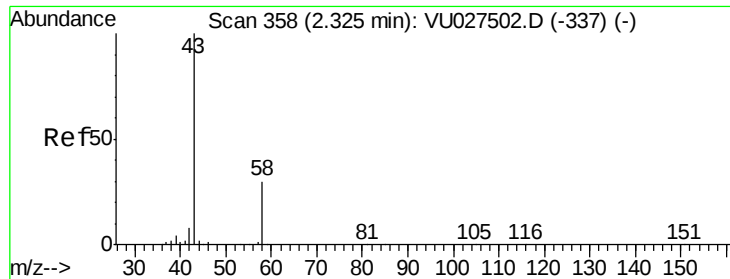
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.824 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU027516.D

Acq: 08 Oct 2018 21:53

Instrument :

MSVOA_U

ClientSampleId :

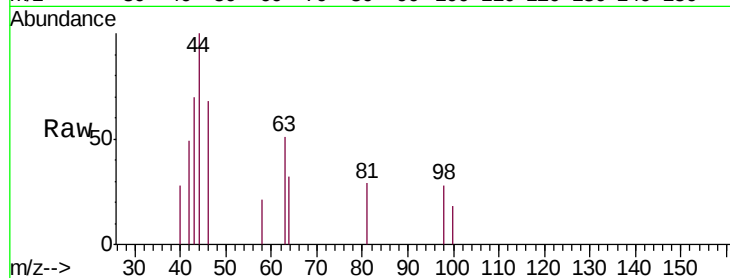
E62W9

Tgt Ion: 43 Resp: 784

Ion Ratio Lower Upper

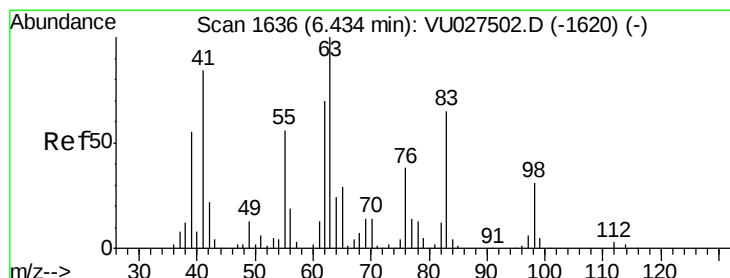
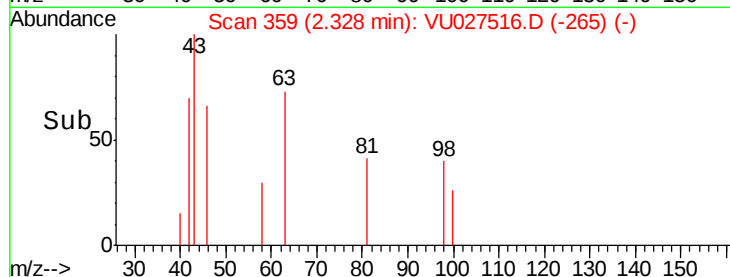
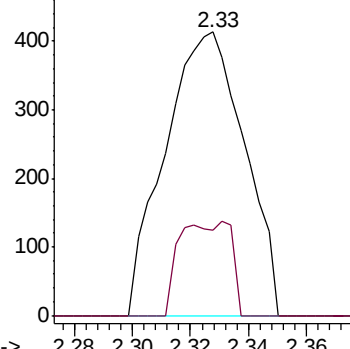
43 100

58 6.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 5.145 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU027516.D

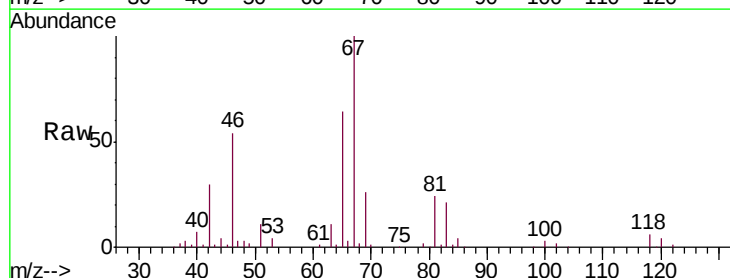
Acq: 08 Oct 2018 21:53

Tgt Ion: 63 Resp: 8234

Ion Ratio Lower Upper

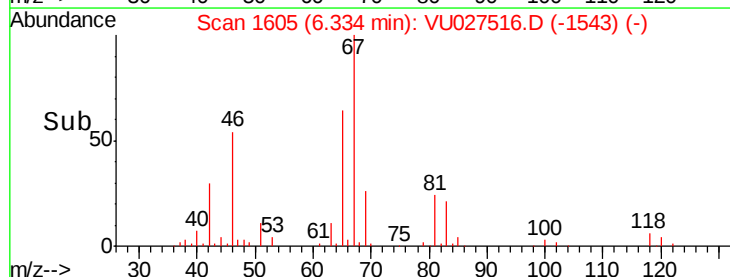
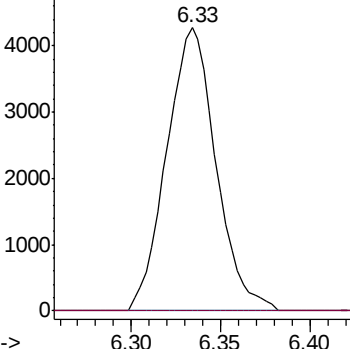
63 100

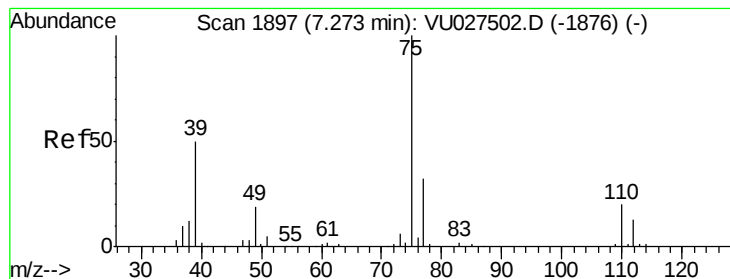
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



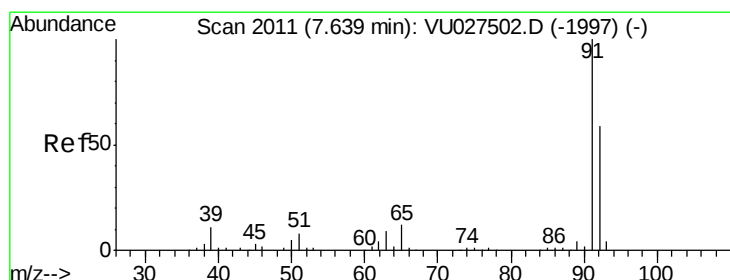
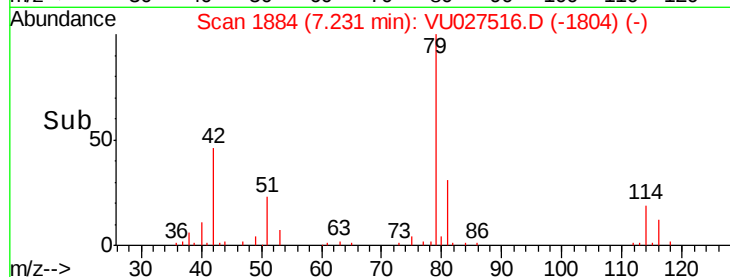
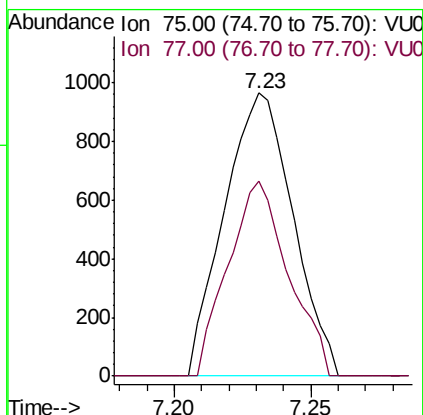
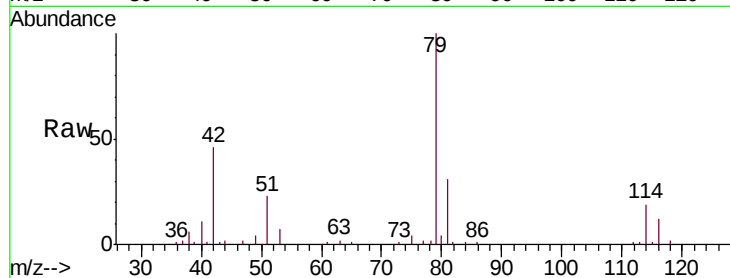


#39

cis-1,3-Dichloropropene
 Concen: 0.716 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027516.D
 Acq: 08 Oct 2018 21:53

Instrument :
 MSVOA_U
 ClientSampleId :
 E62W9

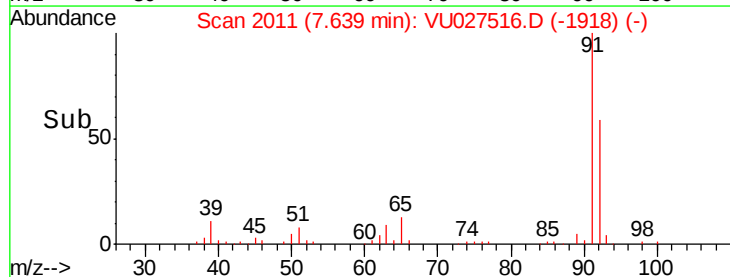
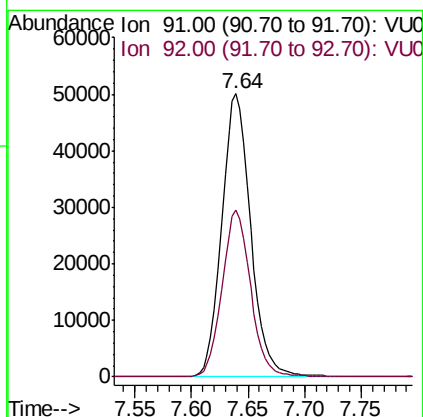
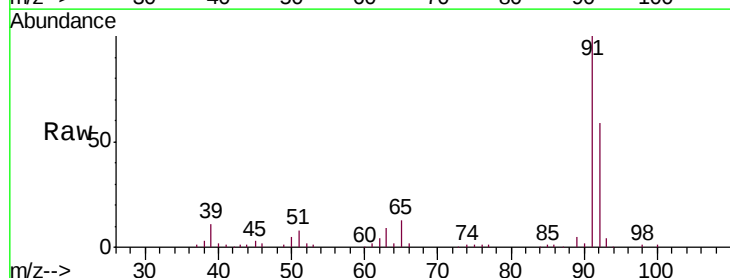
Tgt Ion: 75 Resp: 1683
 Ion Ratio Lower Upper
 75 100
 77 68.9 22.1 41.1#

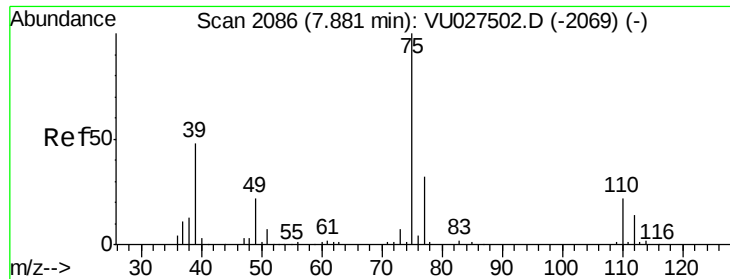


#42

Toluene
 Concen: 16.103 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: VU027516.D
 Acq: 08 Oct 2018 21:53

Tgt Ion: 91 Resp: 89249
 Ion Ratio Lower Upper
 91 100
 92 58.8 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 0.593 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU027516.D

Acq: 08 Oct 2018 21:53

Instrument :

MSVOA_U

ClientSampleId :

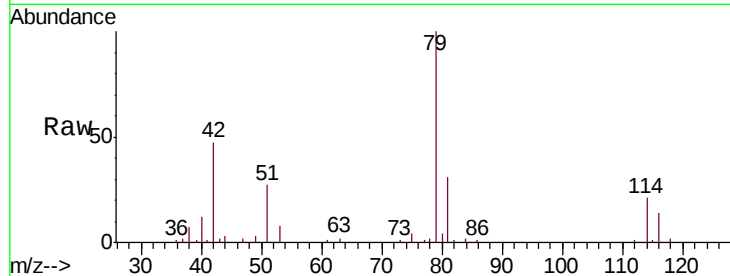
E62W9

Tgt Ion: 75 Resp: 1294

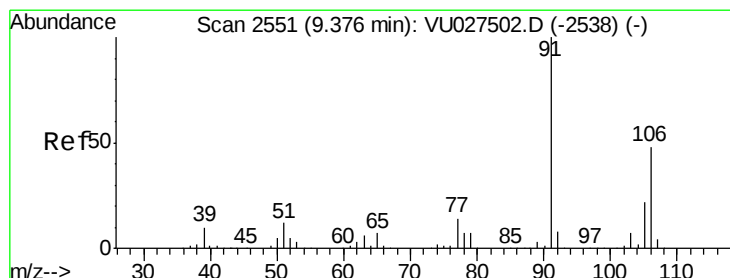
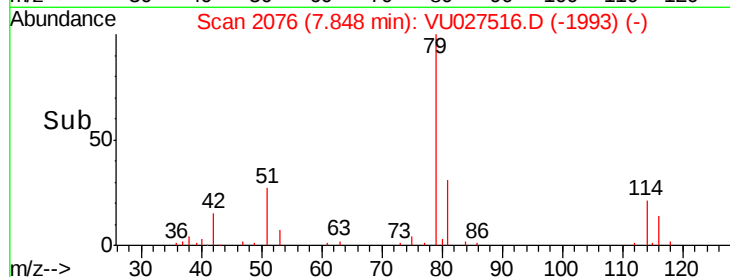
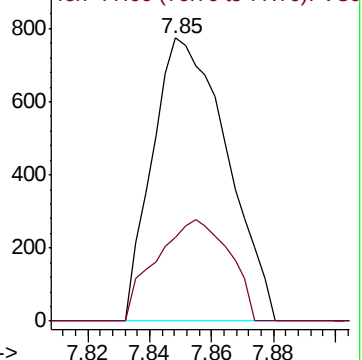
Ion Ratio Lower Upper

75 100

77 29.5 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU027502.D (-2069) (-)



#53

m,p-Xylene

Concen: 1.785 ug/L

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU027516.D

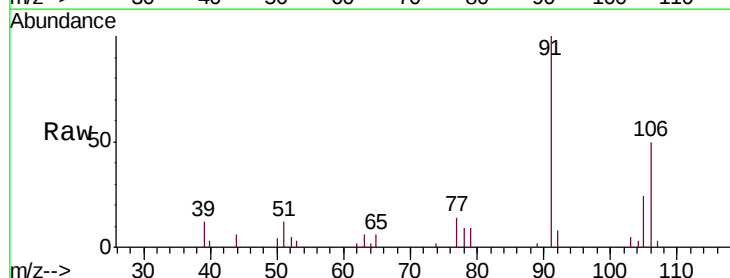
Acq: 08 Oct 2018 21:53

Tgt Ion: 106 Resp: 4020

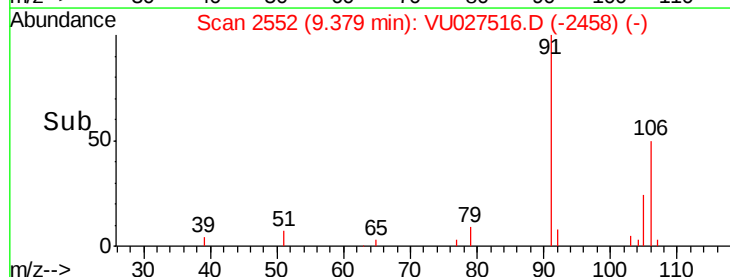
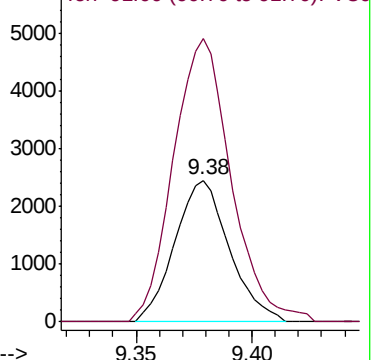
Ion Ratio Lower Upper

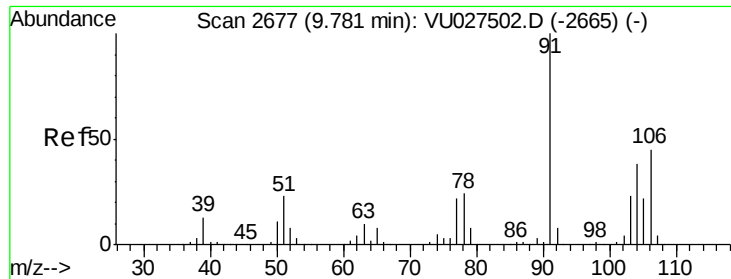
106 100

91 200.0 145.0 269.4



Abundance Ion 106.00 (105.70 to 106.70): VU027502.D (-2538) (-)

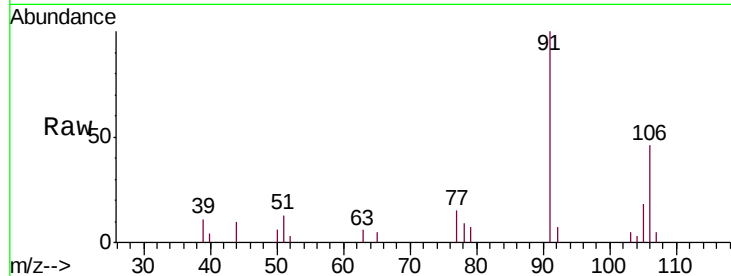




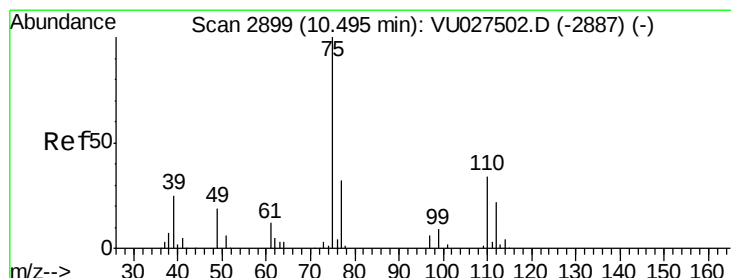
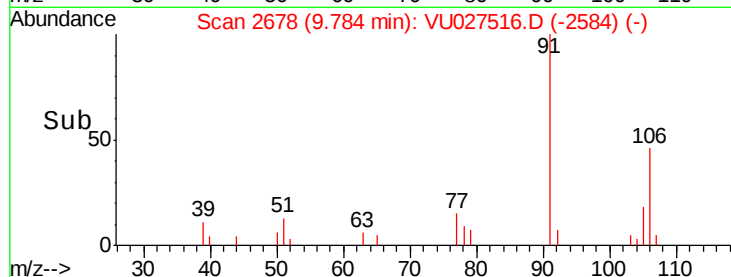
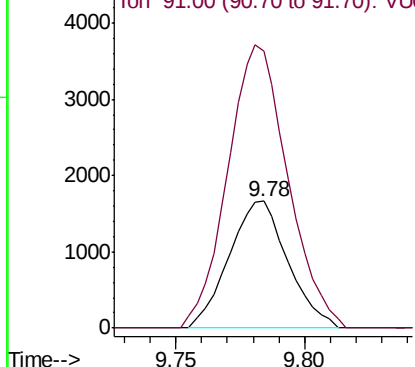
#54
o-xylene
Concen: 1.220 ug/L
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027516.D
Acq: 08 Oct 2018 21:53

Instrument :
MSVOA_U
ClientSampled :
E62W9

Tgt Ion: 106 Resp: 2648
Ion Ratio Lower Upper
106 100
91 218.7 154.8 287.4

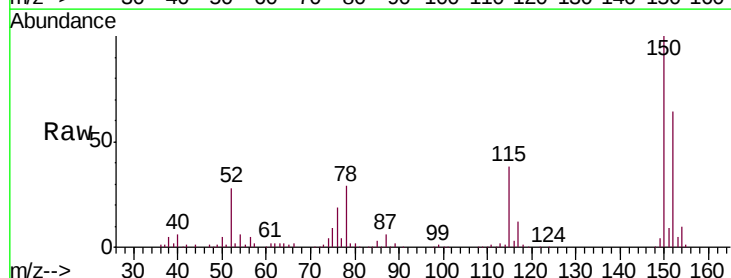


Abundance Ion 106.00 (105.70 to 106.70): VU027516.D (-2584) (-)
Ion 91.00 (90.70 to 91.70): VU027516.D (-2584) (-)

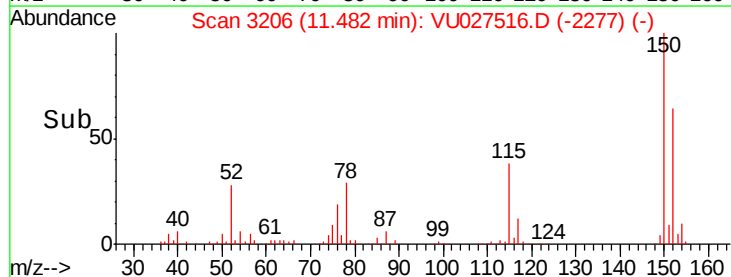
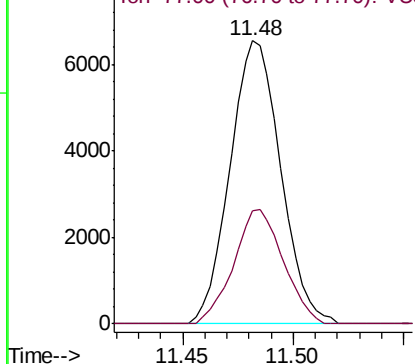


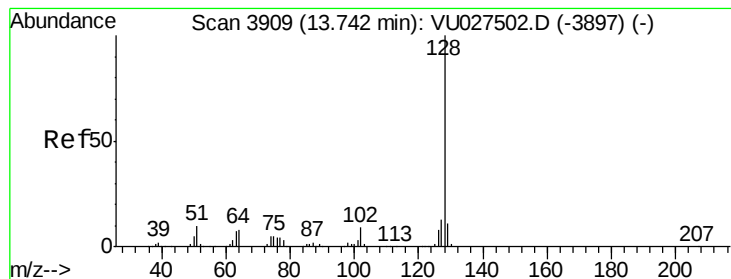
#59
1,2,3-Trichloropropane
Concen: 5.762 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU027516.D
Acq: 08 Oct 2018 21:53

Tgt Ion: 75 Resp: 10441
Ion Ratio Lower Upper
75 100
77 39.5 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU027516.D (-2277) (-)
Ion 77.00 (76.70 to 77.70): VU027516.D (-2277) (-)





#69

Naphthalene

Concen: 1.767 ug/L

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU027516.D

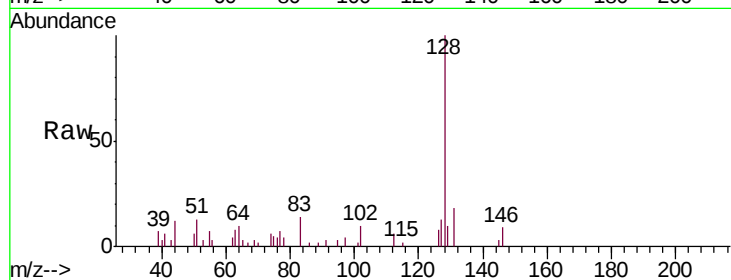
Acq: 08 Oct 2018 21:53

Instrument :

MSVOA_U

ClientSampleId :

E62W9



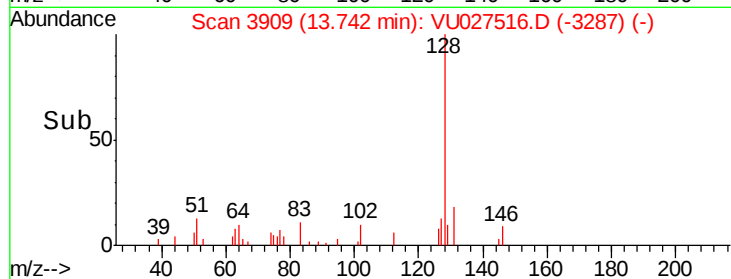
Tgt Ion:128 Resp: 8898

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

