

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026550.D
 Acq On : 05 Sep 2018 18:32
 Operator : MD/SY
 Sample : J4694-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE18

Quant Time: Sep 06 06:47:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 05:59:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	60665	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	59285	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	21655	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	17391	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.54%
7) Chloroethane-d5	1.68	69	23821	70.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	140.34%#
11) 1,1-Dichloroethene-d2	2.27	63	8764	10.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	20.70%#
21) 2-Butanone-d5	4.21	46	118203	405.19	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	405.19%#
24) Chloroform-d	4.65	84	51131	72.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	144.04%#
26) 1,2-Dichloroethane-d4	5.31	65	33870	71.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.32%#
32) Benzene-d6	5.34	84	79375	58.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.18%
36) 1,2-Dichloropropane-d6	6.33	67	33933	72.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	144.58%#
41) Toluene-d8	7.57	98	50910	38.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.20%#
43) trans-1,3-Dichloropropene-	7.85	79	7952	37.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.20%
47) 2-Hexanone-d5	8.32	63	68020	315.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	315.95%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	52710	76.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	152.44%#
64) 1,2-Dichlorobenzene-d4	11.86	152	20229	51.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.98%

Target Compounds

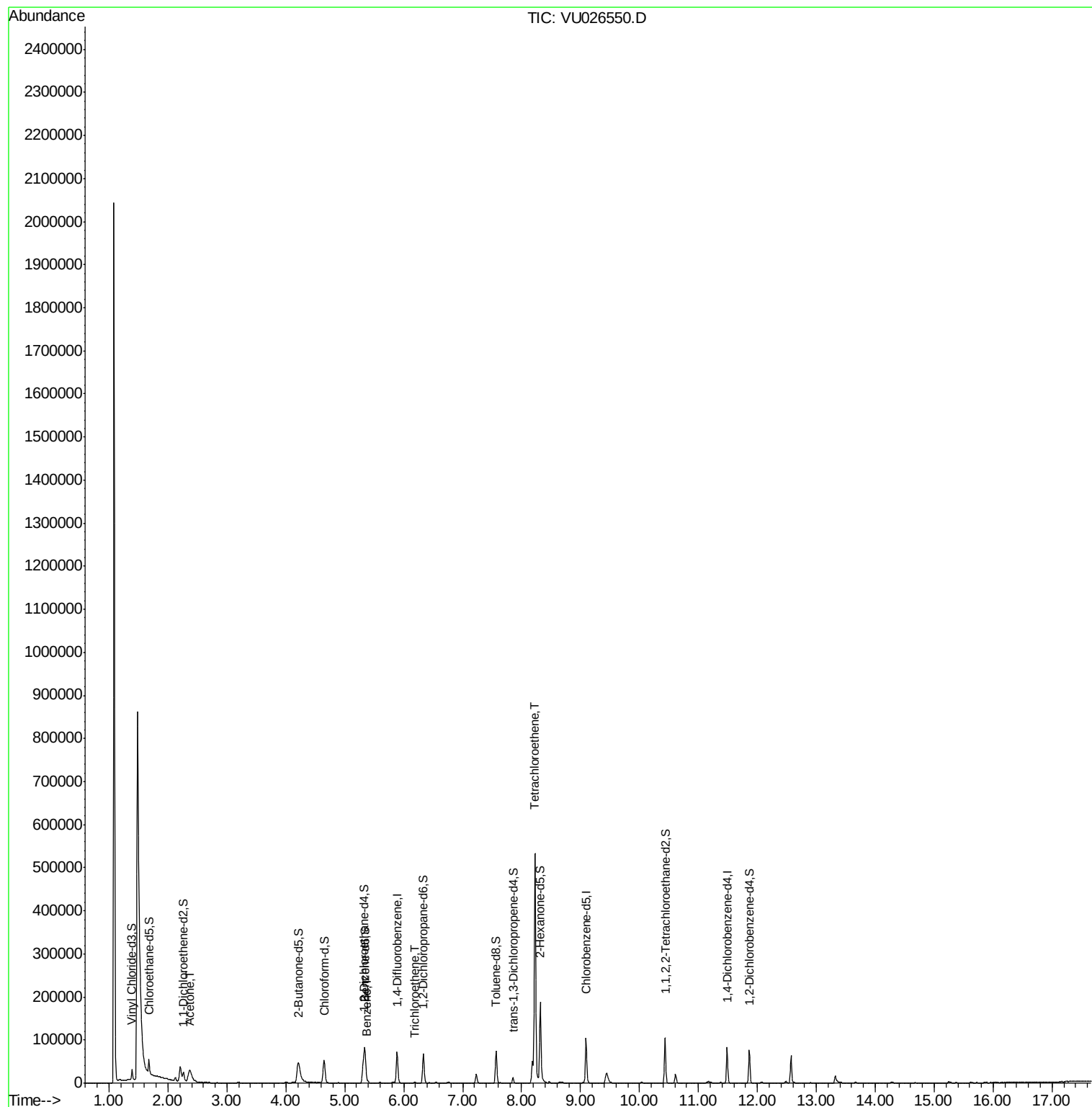
						Ovalue
13) Acetone	2.36	43	76068	301.13	ug/L	67
33) Benzene	5.39	78	3354	1.97	ug/L	100
34) Trichloroethene	6.19	95	633	1.48	ug/L	96
46) Tetrachloroethene	8.23	164	119093	341.68	ug/L	98

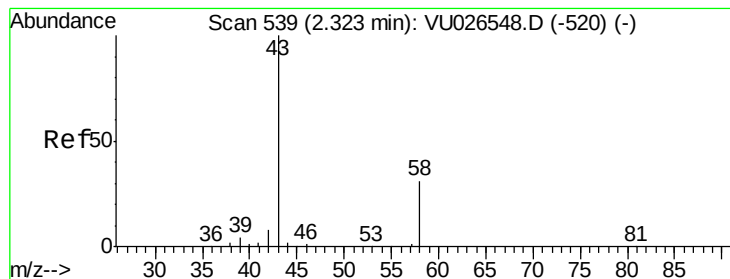
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 301.13 ug/L

RT: 2.36 min Scan# 552

Delta R.T. 0.05 min

Lab File: VU026550.D

Acq: 05 Sep 2018 18:32

Instrument :

MSVOA_U

ClientSampleId :

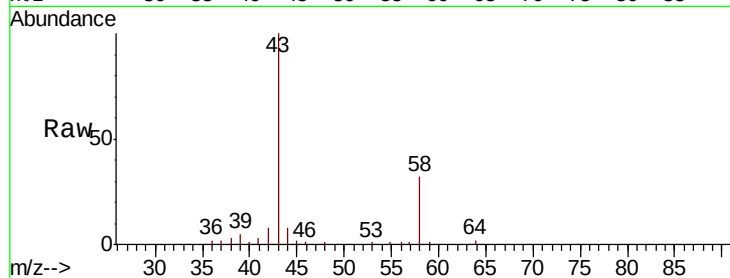
BEE18

Tot Ion: 43 Resp: 76068

Ion Ratio Lower Upper

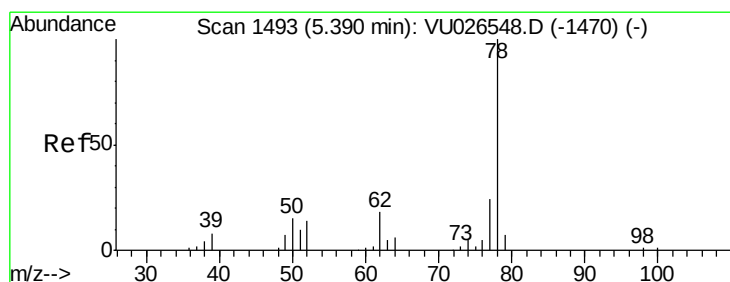
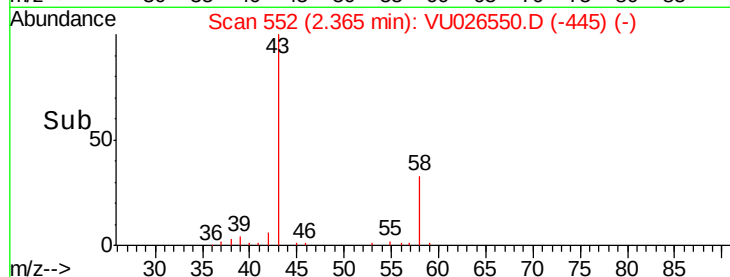
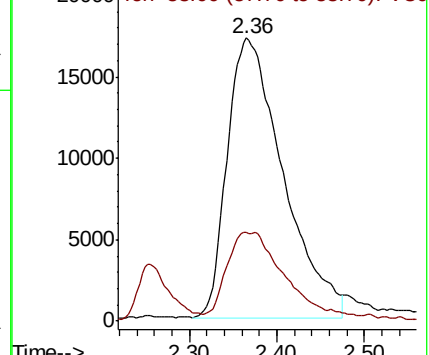
43 100

58 12.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#33

Benzene

Concen: 1.97 ug/L

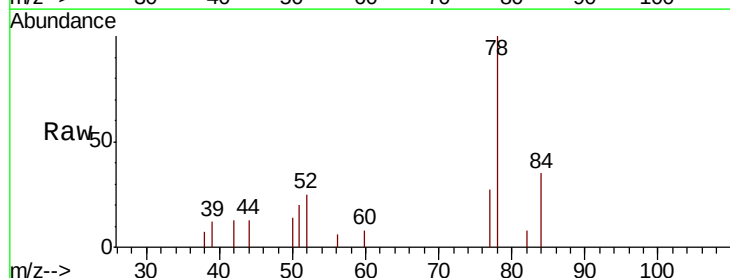
RT: 5.39 min Scan# 1492

Delta R.T. -0.00 min

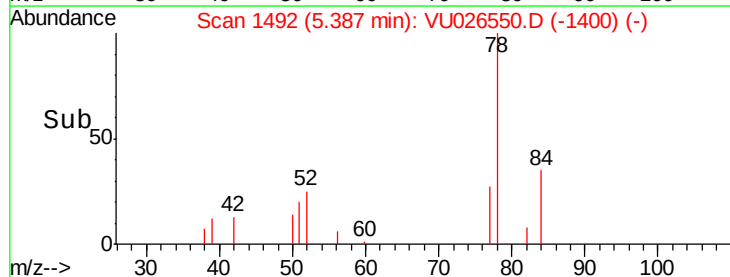
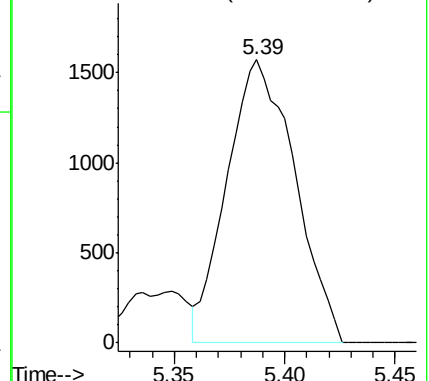
Lab File: VU026550.D

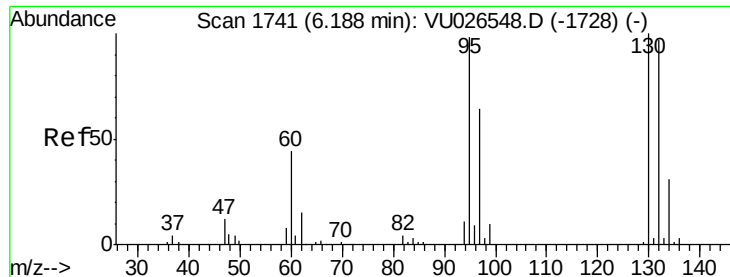
Acq: 05 Sep 2018 18:32

Tgt Ion: 78 Resp: 3354



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 1.48 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026550.D

Acq: 05 Sep 2018 18:32

Instrument :

MSVOA_U

ClientSampleId :

BEE18

Tot Ion: 95 Resp: 633

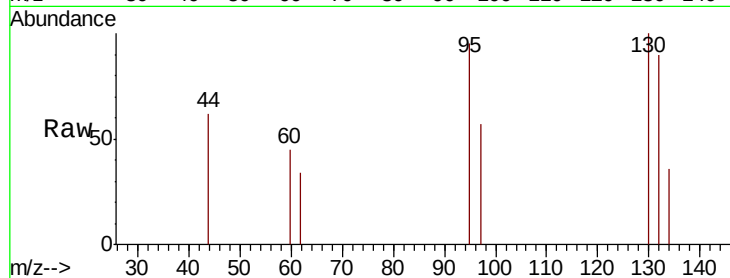
Ion Ratio Lower Upper

95 100

97 59.9 45.1 83.7

132 94.8 67.5 125.3

130 104.9 69.3 128.7

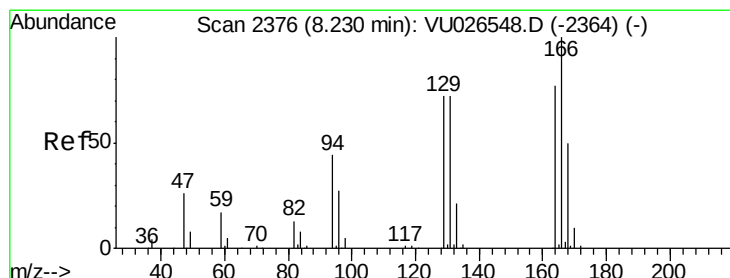
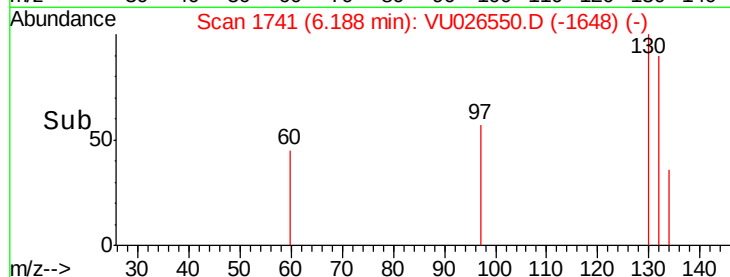
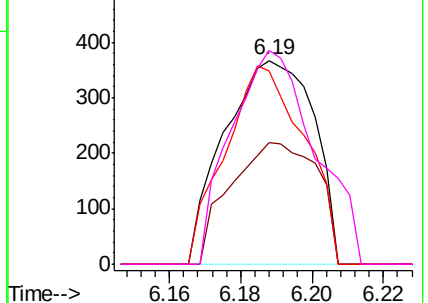


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 341.68 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026550.D

Acq: 05 Sep 2018 18:32

Tgt Ion:164 Resp: 119093

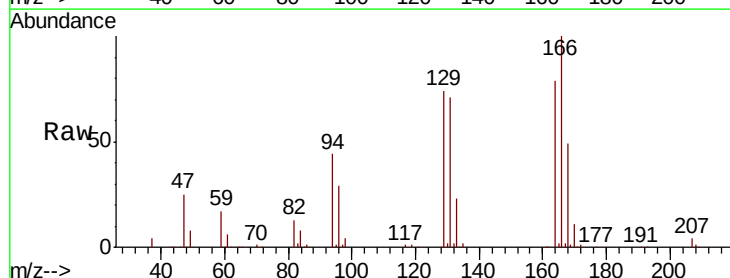
Ion Ratio Lower Upper

164 100

129 93.8 67.3 125.1

131 90.7 65.3 121.3

166 127.3 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

