

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062918\
 Data File : VU025075.D
 Acq On : 29 Jun 2018 17:27
 Operator : MD/SY
 Sample : J3766-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST9

Quant Time: Jun 30 01:47:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 29 23:41:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	319629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	282928	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	127337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94912	49.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.34%
7) Chloroethane-d5	1.68	69	78948	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	154864	37.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.32%
21) 2-Butanone-d5	4.18	46	187913	117.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.66%
24) Chloroform-d	4.65	84	203015	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	151406	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.36%
32) Benzene-d6	5.35	84	409222	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
36) 1,2-Dichloropropane-d6	6.34	67	129974	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.14%
41) Toluene-d8	7.57	98	386521	50.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.78%
43) trans-1,3-Dichloropropene-	7.85	79	63851	51.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.00%
47) 2-Hexanone-d5	8.31	63	131859	116.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.85%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	184901	52.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	151163	54.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.96%

Target Compounds

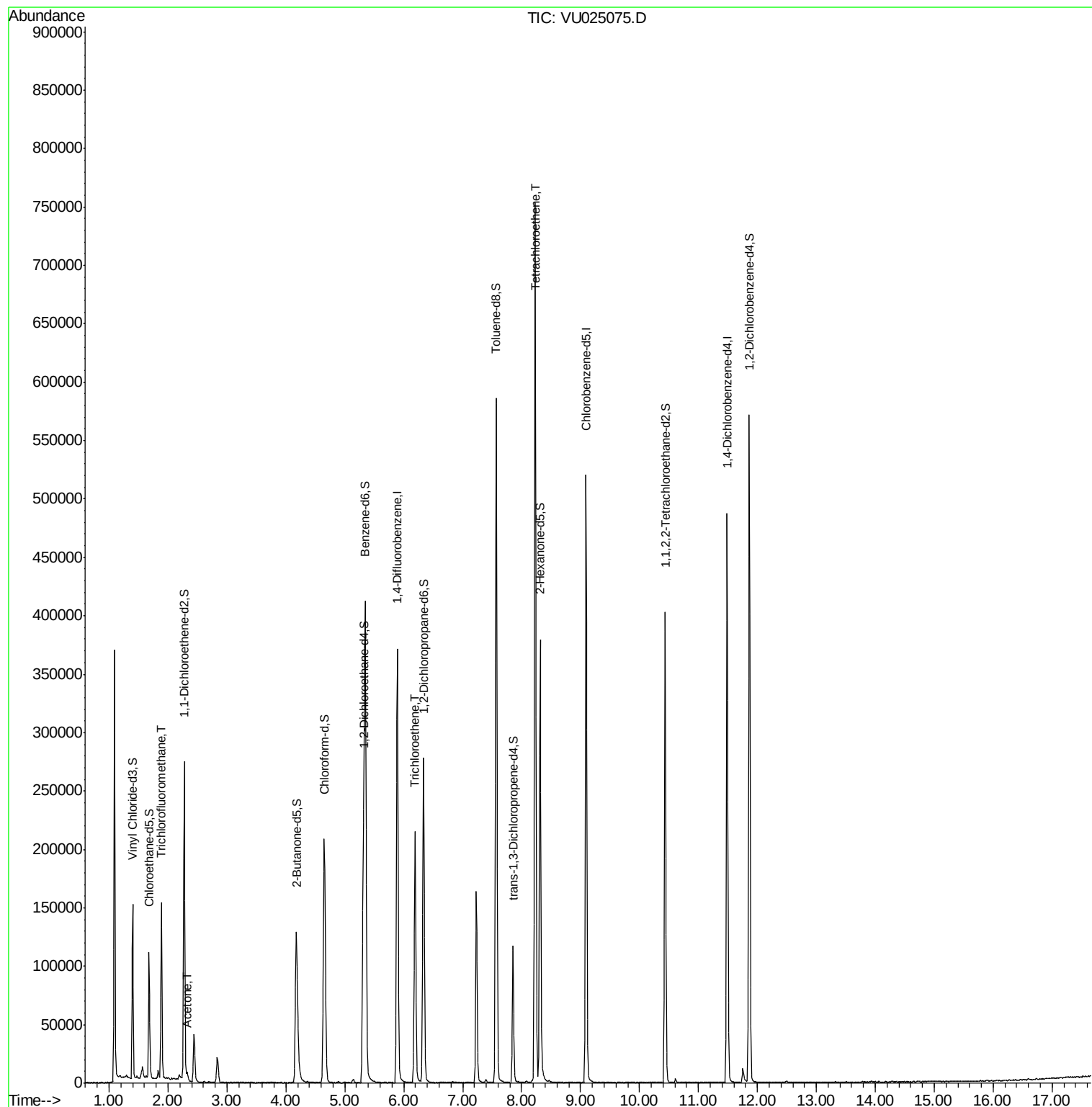
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.89	101	90716	25.06	ug/L	98
13) Acetone	2.32	43	5979	3.64	ug/L	99
34) Trichloroethene	6.19	95	74035	32.44	ug/L	100
46) Tetrachloroethene	8.23	164	168920	87.43	ug/L	99

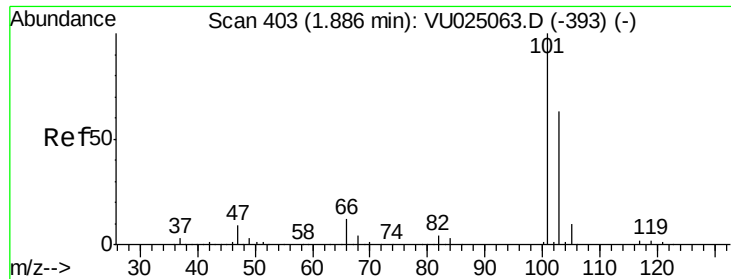
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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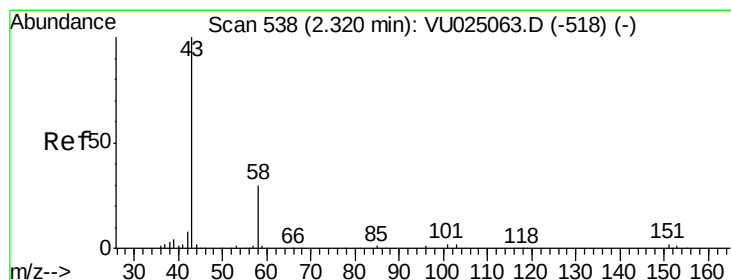
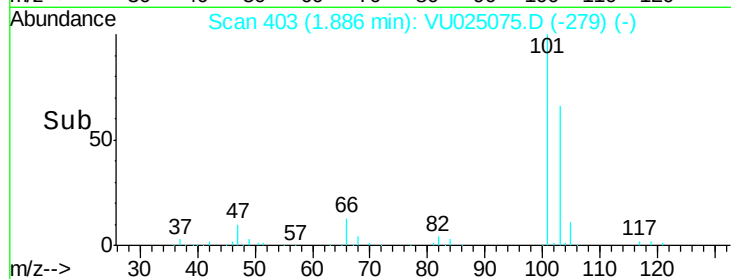
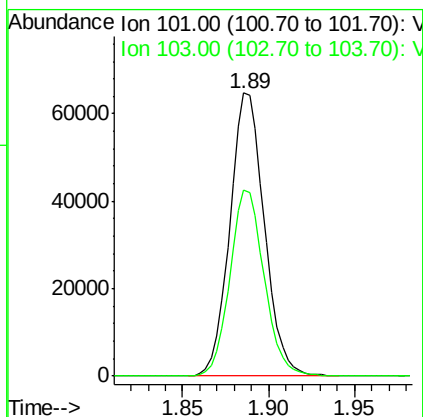
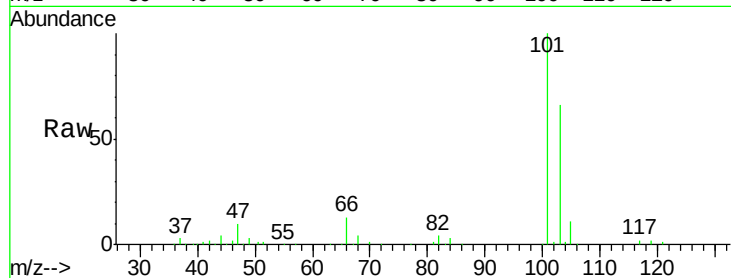


#9

Trichlorofluoromethane
 Concen: 25.06 ug/L
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025075.D
 Acq: 29 Jun 2018 17:27

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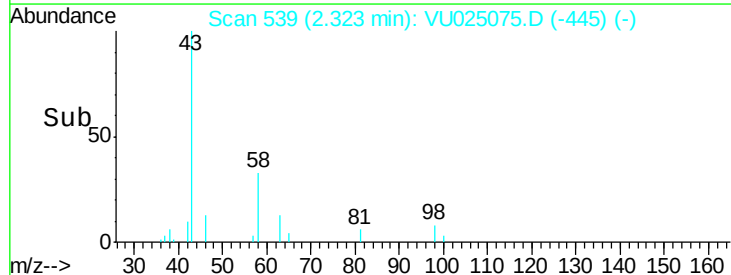
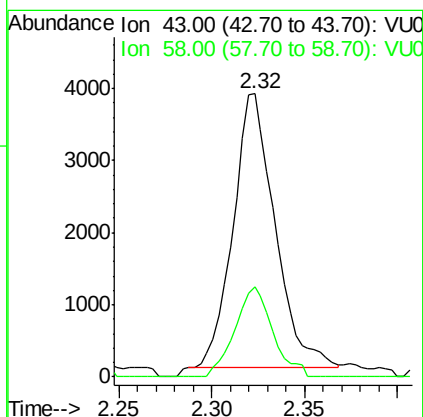
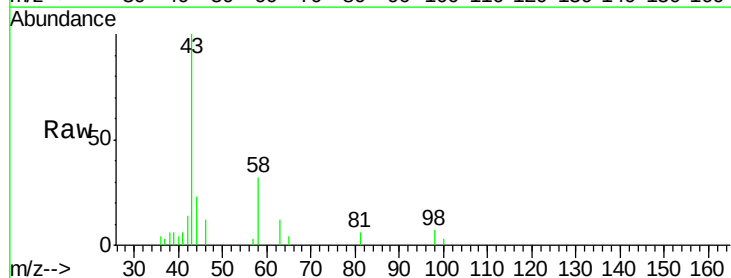
Tot Ion:101 Resp: 90716
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.1 76.7

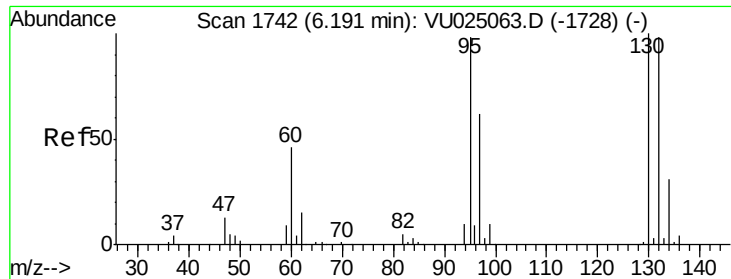


#13

Acetone
 Concen: 3.64 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025075.D
 Acq: 29 Jun 2018 17:27

Tgt Ion: 43 Resp: 5979
 Ion Ratio Lower Upper
 43 100
 58 29.0 0.0 59.4

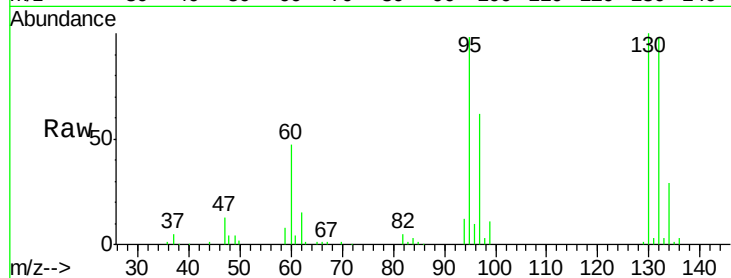




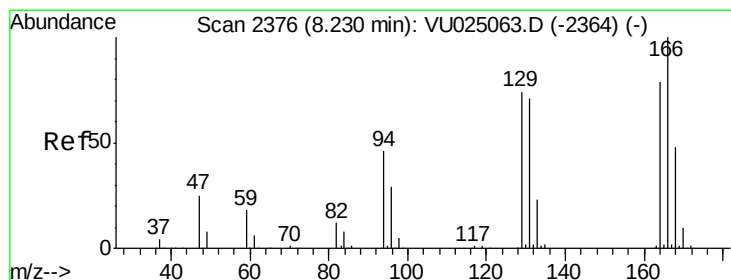
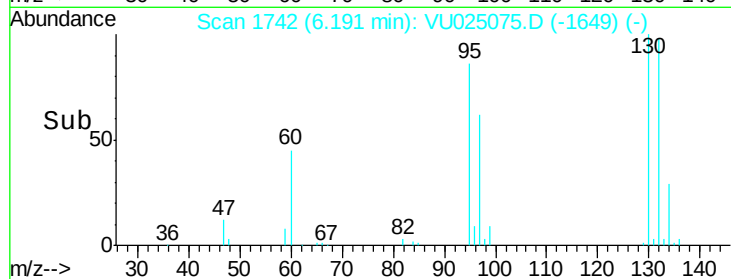
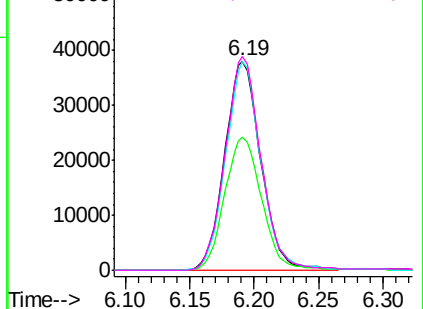
#34
 Trichloroethene
 Concen: 32.44 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU025075.D
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 C0ST9

Tot Ion: 95 Resp: 74035
 Ion Ratio Lower Upper
 95 100
 97 63.6 44.1 81.9
 132 99.9 70.2 130.4
 130 102.3 71.7 133.1



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: 87.43 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU025075.D
 Acq: 29 Jun 2018 17:27

Tgt Ion: 164 Resp: 168920
 Ion Ratio Lower Upper
 164 100
 129 93.1 66.1 122.8
 131 89.2 62.7 116.5
 166 127.7 88.8 165.0

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

