

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062918\
 Data File : VU025073.D
 Acq On : 29 Jun 2018 16:36
 Operator : MD/SY
 Sample : J3766-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST9

Quant Time: Jun 30 01:42:10 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	341470	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	304081	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136050	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95832	46.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.90%
7) Chloroethane-d5	1.68	69	81130	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.38%
11) 1,1-Dichloroethene-d2	2.27	63	161506	36.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.54%
21) 2-Butanone-d5	4.18	46	190754	111.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.80%
24) Chloroform-d	4.65	84	209212	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.31	65	153726	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
32) Benzene-d6	5.35	84	414025	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
36) 1,2-Dichloropropane-d6	6.33	67	133322	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.34%
41) Toluene-d8	7.57	98	396665	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%
43) trans-1,3-Dichloropropene-	7.85	79	65924	49.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.94%
47) 2-Hexanone-d5	8.31	63	136942	112.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.91%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	188690	50.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	154056	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%

Target Compounds

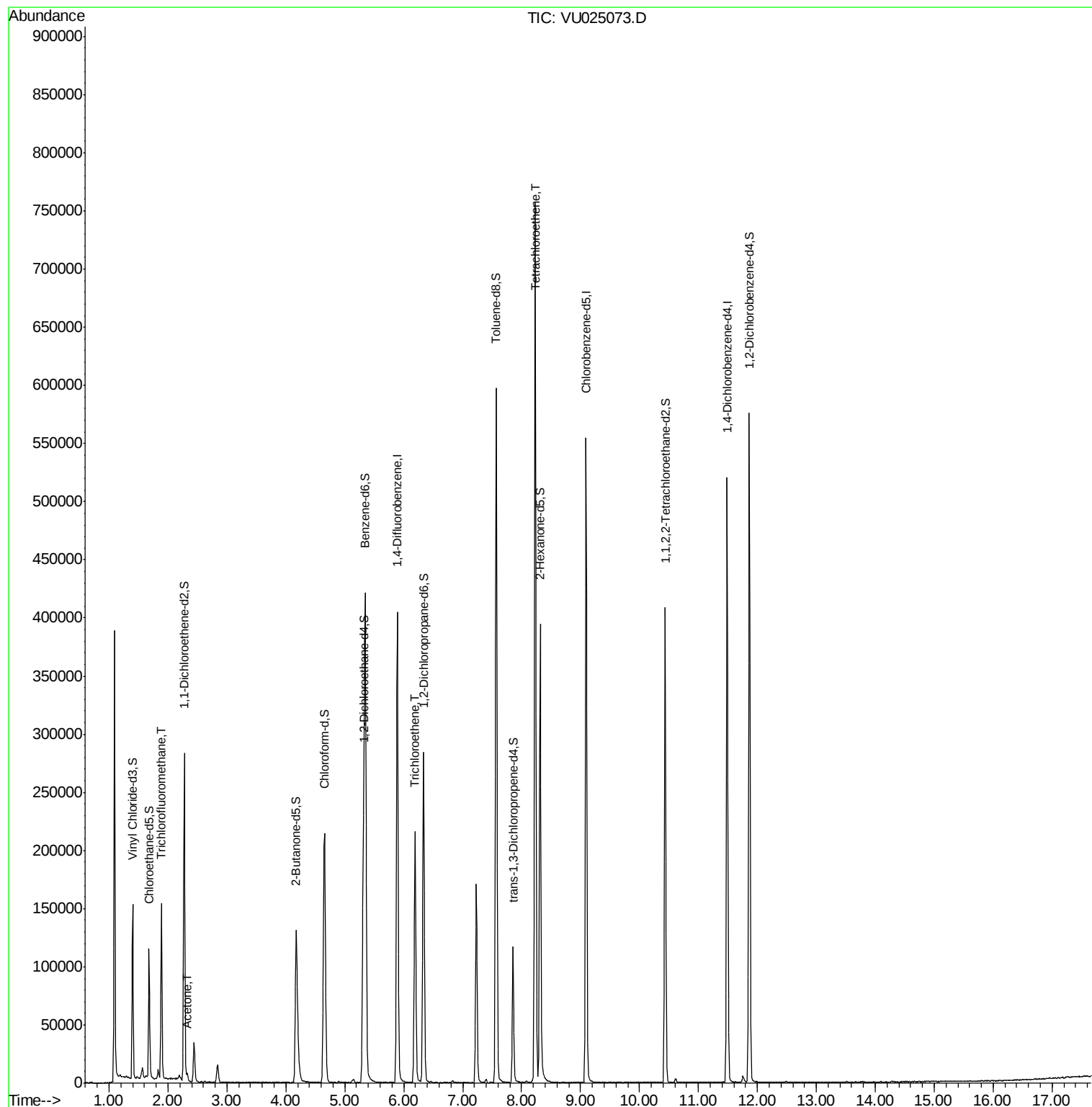
					Ovalue
9) Trichlorofluoromethane	1.89	101	90384	23.37	ug/L 98
13) Acetone	2.32	43	4784	2.73	ug/L 98
34) Trichloroethene	6.19	95	75566	30.80	ug/L 97
46) Tetrachloroethene	8.23	164	166486	80.17	ug/L 99

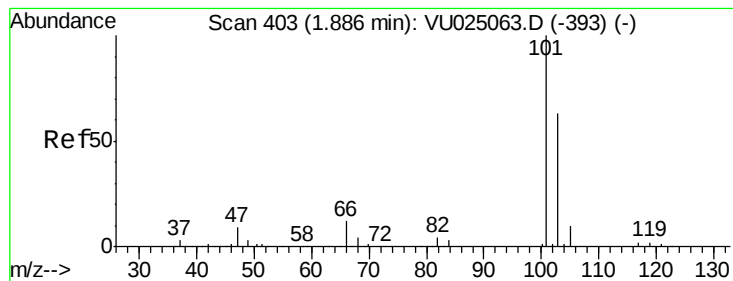
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 23.37 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU025073.D

Acq: 29 Jun 2018 16:36

Instrument :

MSVOA_U

ClientSampled :

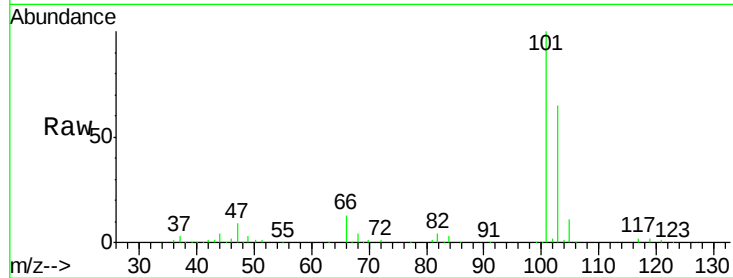
C0ST9

Tot Ion:101 Resp: 90384

Ion Ratio Lower Upper

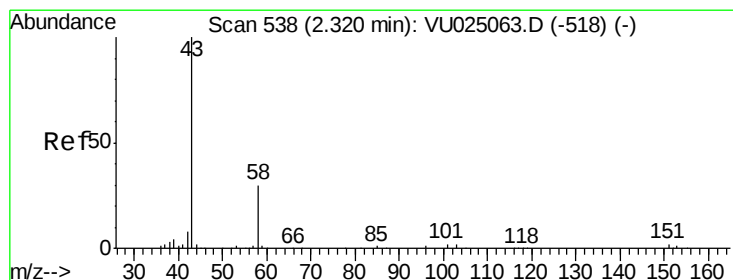
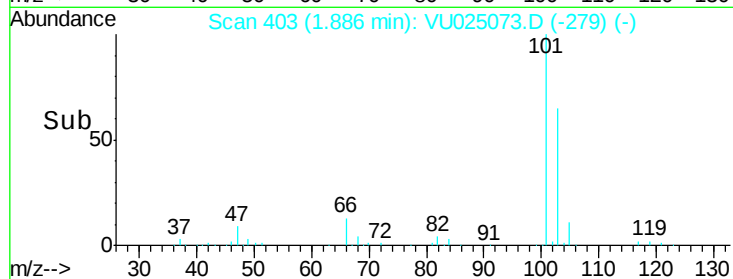
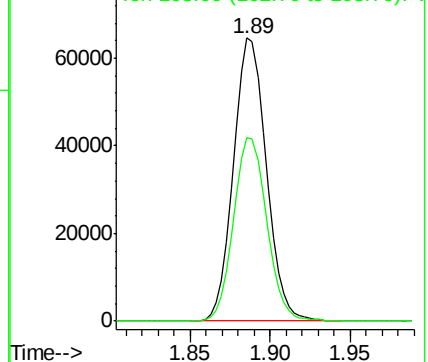
101 100

103 65.4 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.73 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025073.D

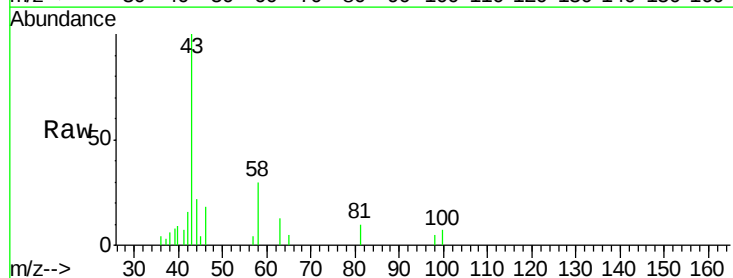
Acq: 29 Jun 2018 16:36

Tgt Ion: 43 Resp: 4784

Ion Ratio Lower Upper

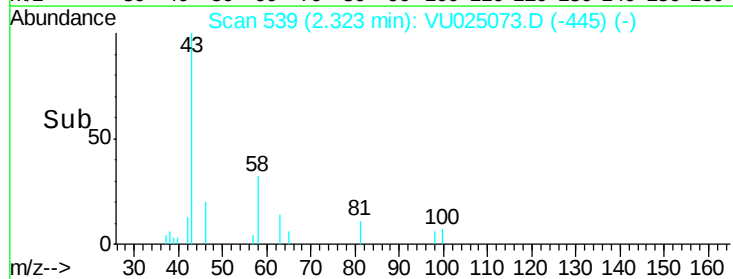
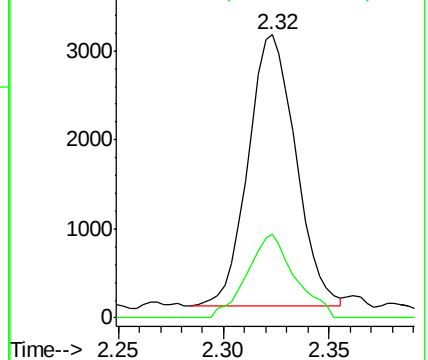
43 100

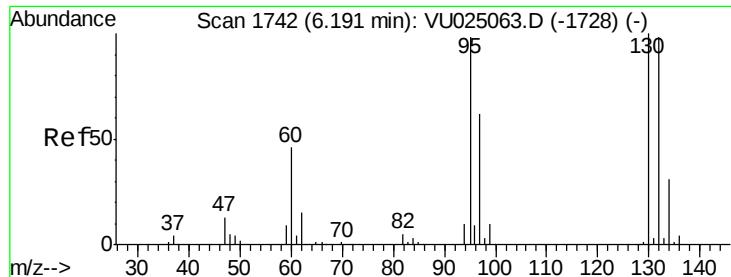
58 30.7 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

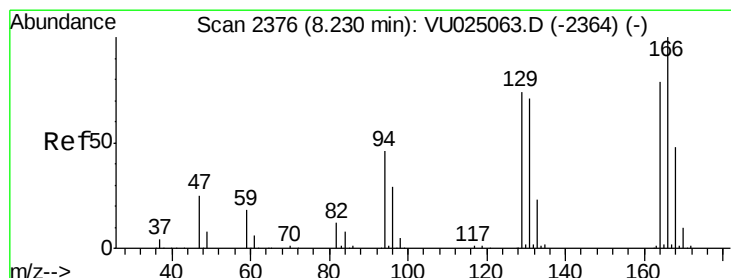
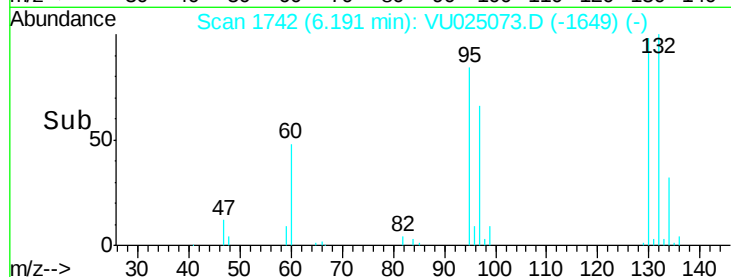
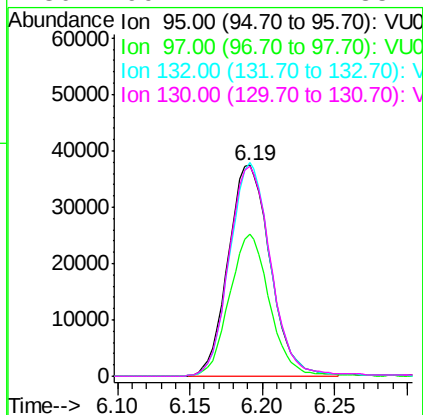
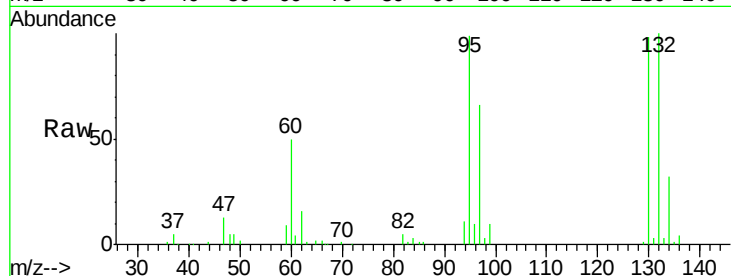




#34
 Trichloroethene
 Concen: 30.80 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU025073.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST9

Tot Ion: 95 Resp: 75566
 Ion Ratio Lower Upper
 95 100
 97 67.4 44.1 81.9
 132 101.3 70.2 130.4
 130 99.4 71.7 133.1



#46
 Tetrachloroethene
 Concen: 80.17 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU025073.D
 Acq: 29 Jun 2018 16:36

Tgt Ion: 164 Resp: 166486
 Ion Ratio Lower Upper
 164 100
 129 94.9 66.1 122.8
 131 90.3 62.7 116.5
 166 128.6 88.8 165.0

