

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071718\
 Data File : VU025462.D
 Acq On : 17 Jul 2018 17:50
 Operator : MD/SY
 Sample : J3986-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1C6

Quant Time: Jul 18 05:57:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 05:54:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	321048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291388	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	135263	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80394	53.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.20%
7) Chloroethane-d5	1.68	69	66786	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.56%
11) 1,1-Dichloroethene-d2	2.27	63	123646	37.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.38%
21) 2-Butanone-d5	4.18	46	155941	96.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.79%
24) Chloroform-d	4.65	84	182238	46.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.31	65	129960	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
32) Benzene-d6	5.35	84	356006	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	6.34	67	116724	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.10%
41) Toluene-d8	7.57	98	331658	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%
43) trans-1,3-Dichloropropene-	7.85	79	56817	46.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.62%
47) 2-Hexanone-d5	8.31	63	111181	91.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.96%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	160971	46.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	132867	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%

Target Compounds

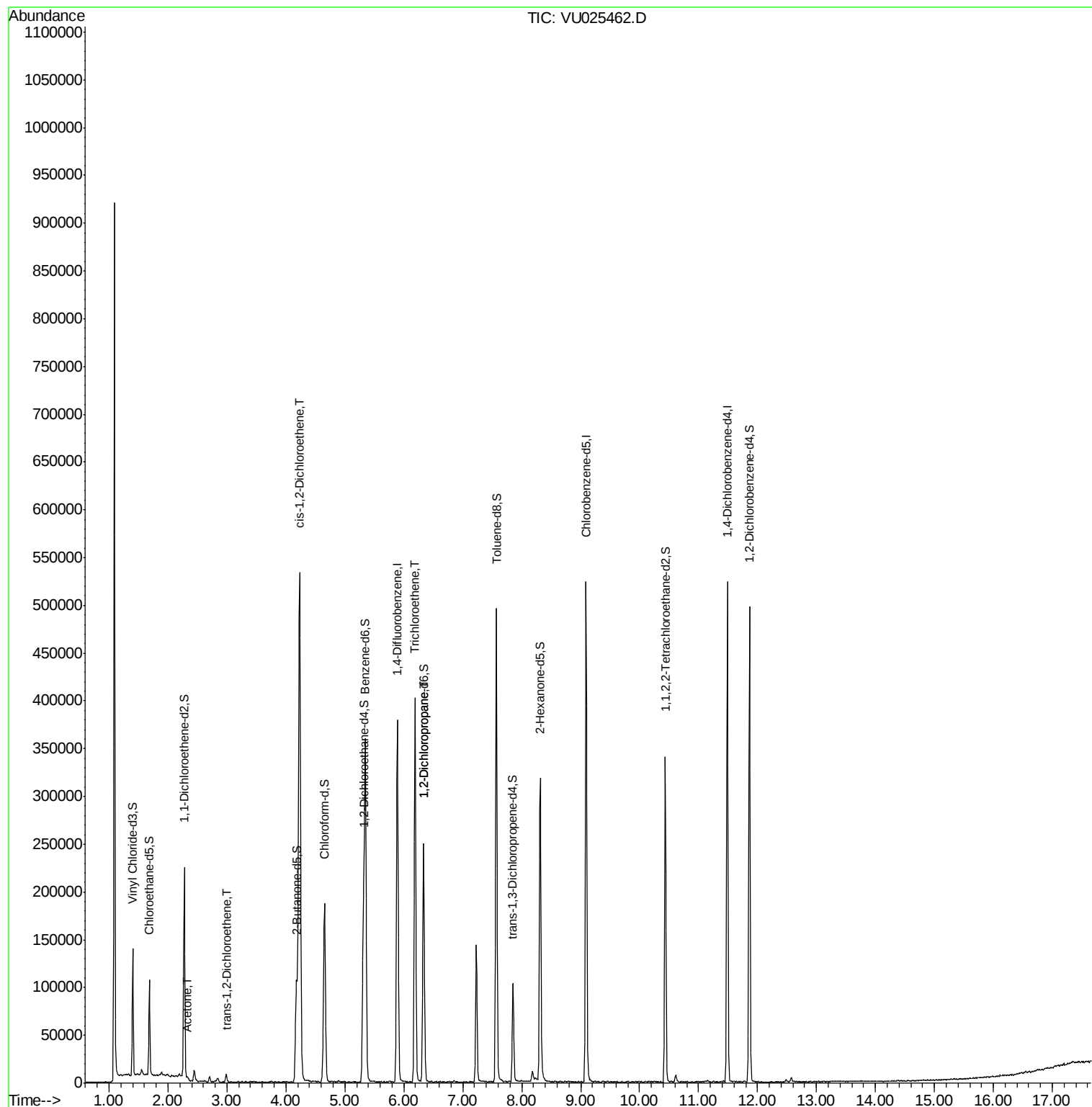
					Qvalue
13) Acetone	2.32	43	2438	1.733 ug/L	87
17) trans-1,2-Dichloroethene	2.99	96	3036	1.475 ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	298589	118.485 ug/L	99
34) Trichloroethene	6.19	95	132630	58.120 ug/L	98
37) 1,2-Dichloropropane	6.33	63	13504	5.679 ug/L #	88

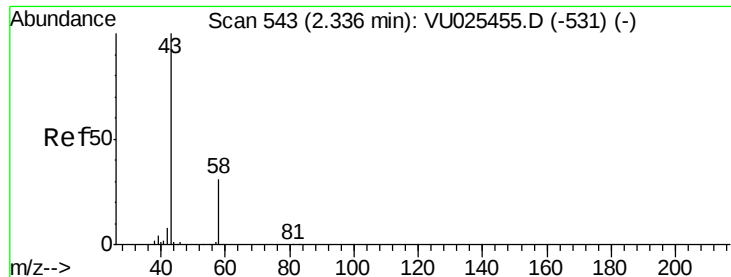
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 18 05:54:25 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.733 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.01 min

Lab File: VU025462.D

Acq: 17 Jul 2018 17:50

Instrument :

MSVOA_U

ClientSampleId :

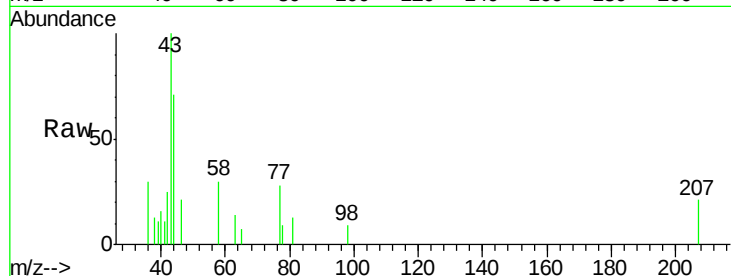
DB1C6

Tgt Ion: 43 Resp: 2438

Ion Ratio Lower Upper

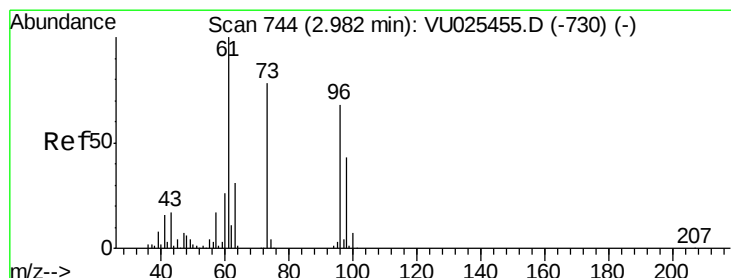
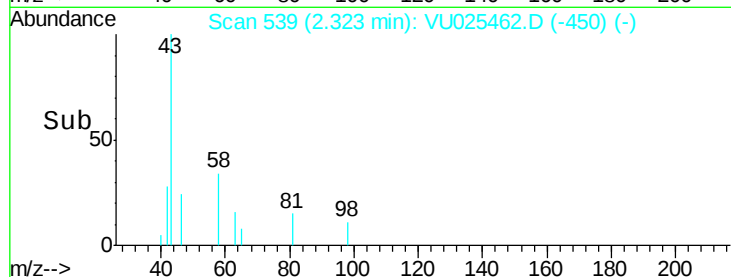
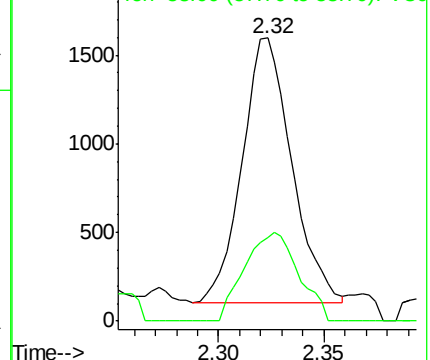
43 100

58 36.5 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 1.475 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU025462.D

Acq: 17 Jul 2018 17:50

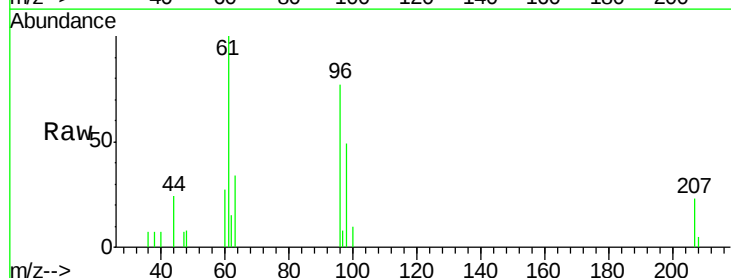
Tgt Ion: 96 Resp: 3036

Ion Ratio Lower Upper

96 100

61 130.4 103.6 192.4

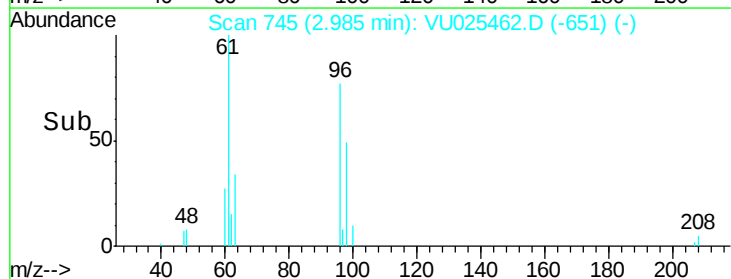
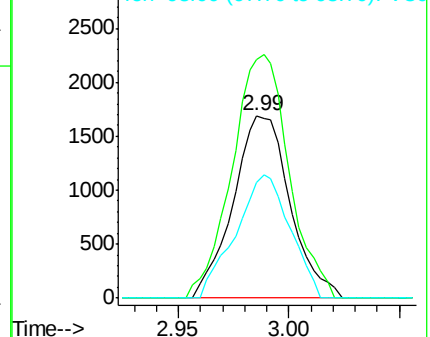
98 63.3 44.8 83.2

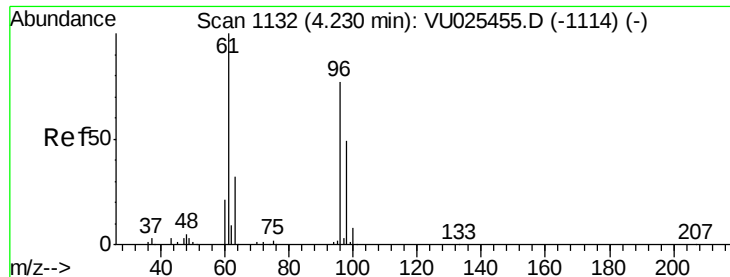


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

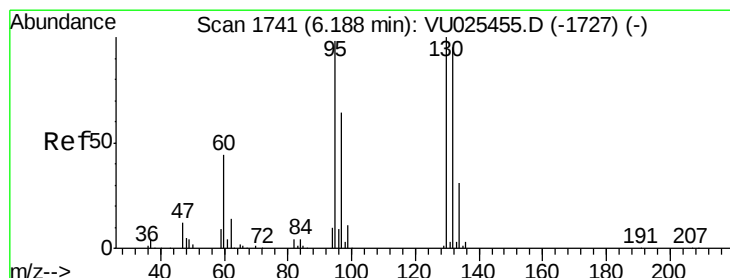
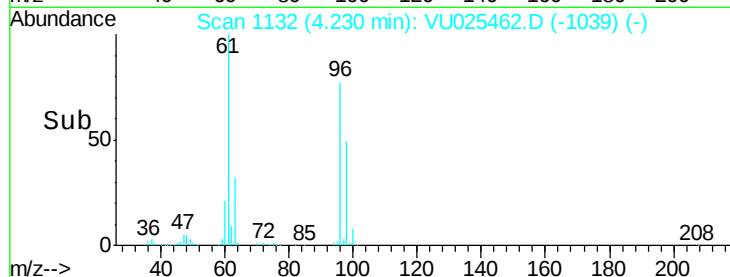
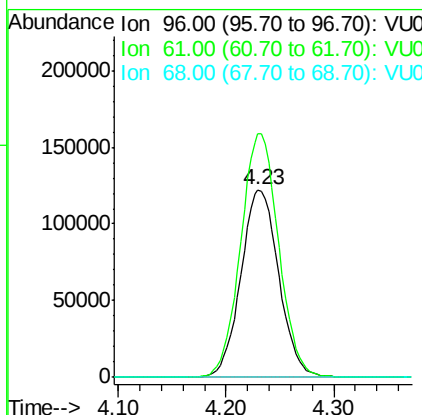
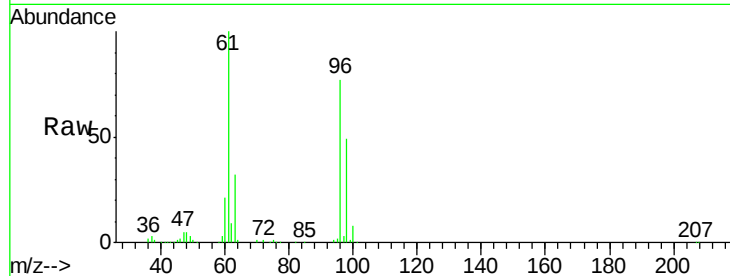




#20
 cis-1,2-Dichloroethene
 Concen: 118.485 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025462.D
 Acq: 17 Jul 2018 17:50

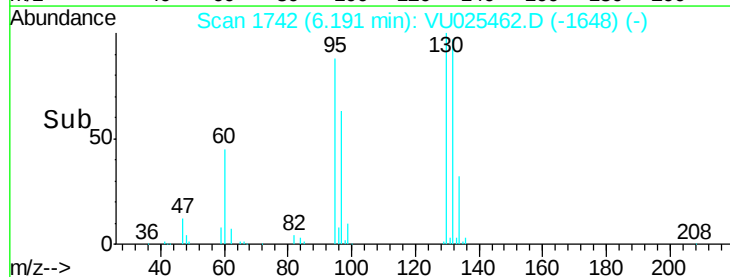
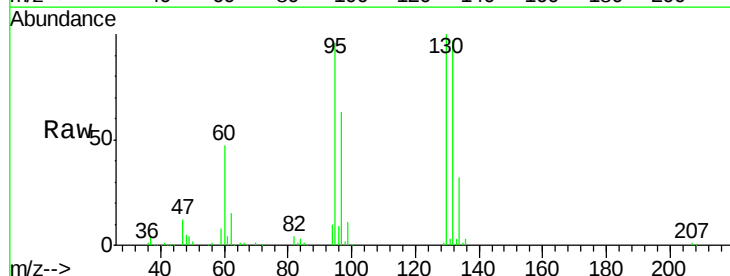
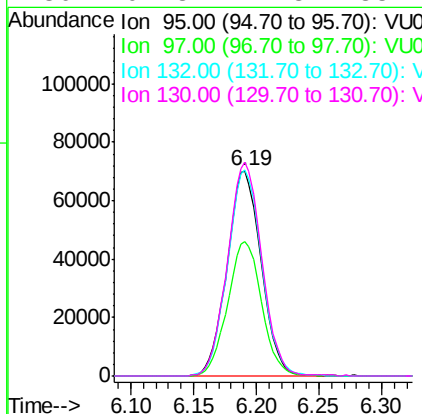
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 DB1C6

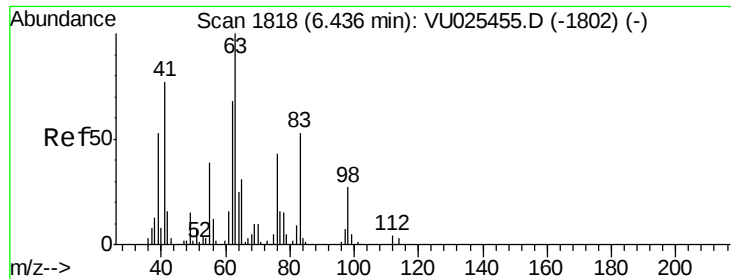
Tgt Ion: 96 Resp: 298589
 Ion Ratio Lower Upper
 96 100
 61 129.6 91.7 170.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 58.120 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU025462.D
 Acq: 17 Jul 2018 17:50

Tgt Ion: 95 Resp: 132630
 Ion Ratio Lower Upper
 95 100
 97 65.8 45.9 85.3
 132 100.7 68.2 126.6
 130 104.3 71.8 133.4





#37

1,2-Dichloropropane

Concen: 5.679 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025462.D

Acq: 17 Jul 2018 17:50

Instrument :

MSVOA_U

ClientSampleId :

DB1C6

Tgt Ion: 63 Resp: 13504

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

