

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025569.D
 Acq On : 21 Jul 2018 01:51
 Operator : MD/SY
 Sample : J4097-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:56:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	309232	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	284777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	127143	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	77744	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.08%
7) Chloroethane-d5	1.68	69	66279	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.02%
11) 1,1-Dichloroethene-d2	2.27	63	126368	34.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.76%
21) 2-Butanone-d5	4.18	46	139064	102.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.03%
24) Chloroform-d	4.65	84	183453	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
26) 1,2-Dichloroethane-d4	5.31	65	127829	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
32) Benzene-d6	5.35	84	354694	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
36) 1,2-Dichloropropane-d6	6.34	67	116385	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.92%
41) Toluene-d8	7.57	98	327951	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%
43) trans-1,3-Dichloropropene-	7.85	79	53099	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
47) 2-Hexanone-d5	8.31	63	102580	104.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.10%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	157634	47.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	132500	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%

Target Compounds

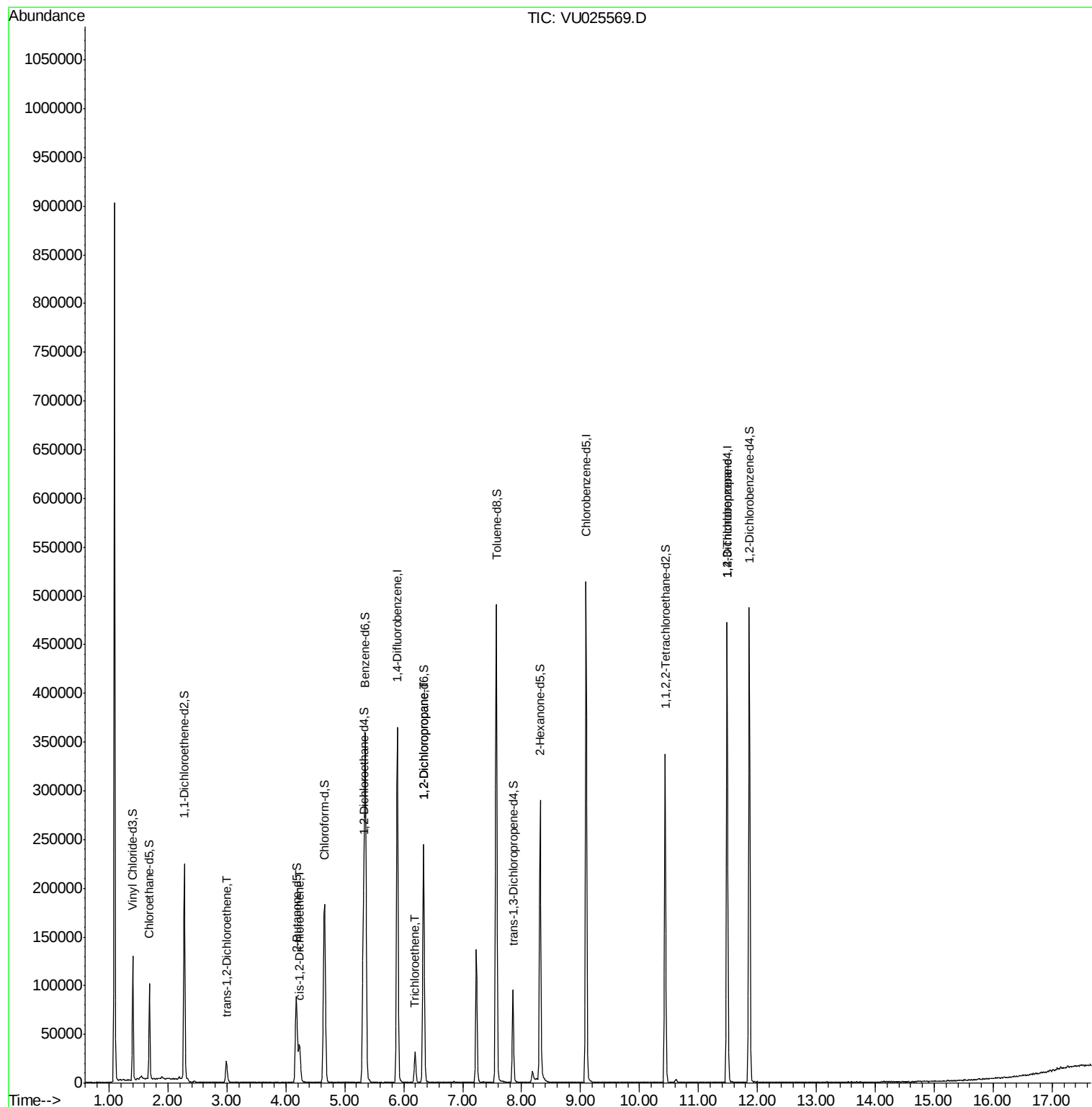
					Ovalue
17) trans-1,2-Dichloroethene	2.99	96	6740	3.354 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	20303	8.952 ug/L	99
34) Trichloroethene	6.19	95	10303	4.746 ug/L	96
37) 1,2-Dichloropropane	6.34	63	12883	5.762 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	12916	4.918 ug/L #	84

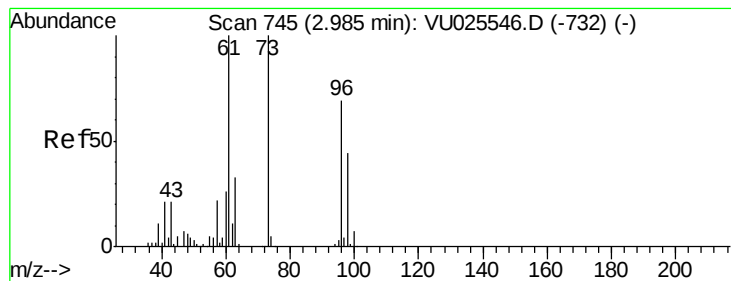
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 3.354 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

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Instrument :
MSVOA_U
ClientSampled :

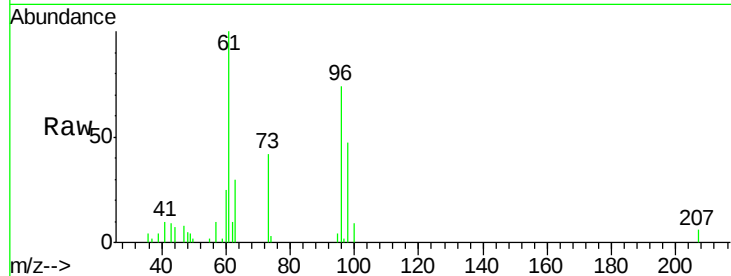
Tot Ion: 96 Resp: 6740

Ion Ratio Lower Upper

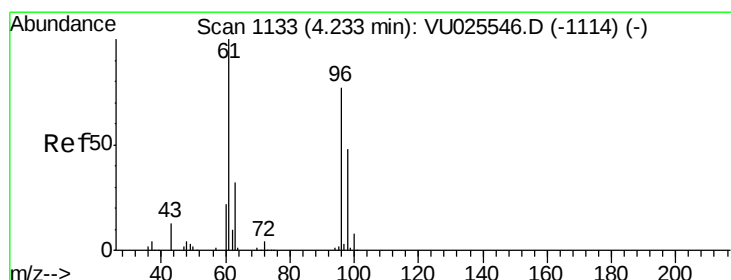
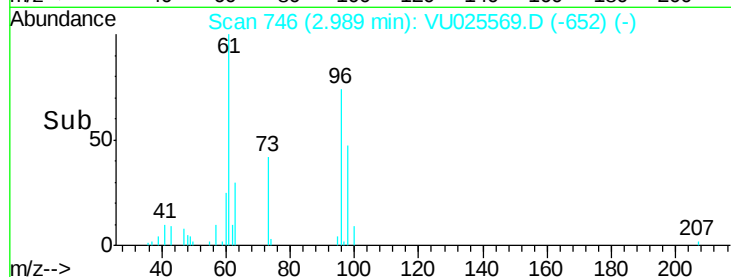
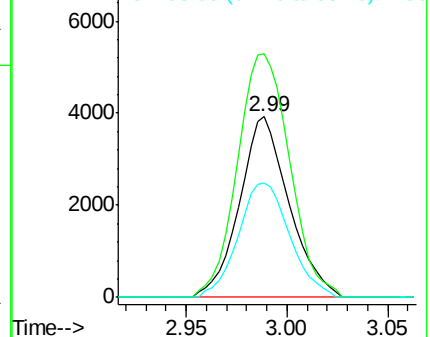
96 100

61 135.0 100.0 185.8

98 63.7 44.7 83.1



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: 8.952 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025569.D

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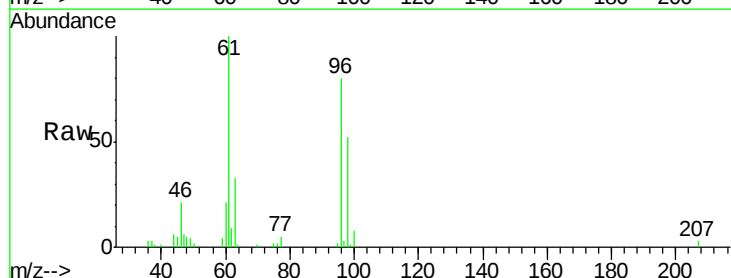
Tgt Ion: 96 Resp: 20303

Ion Ratio Lower Upper

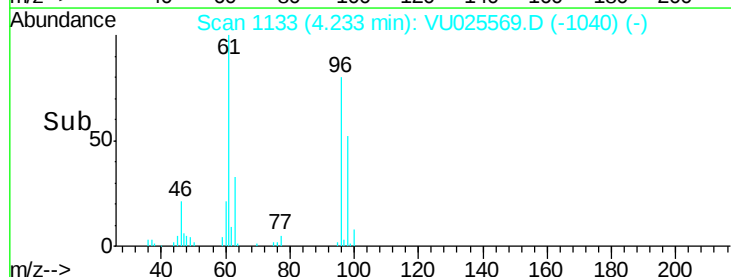
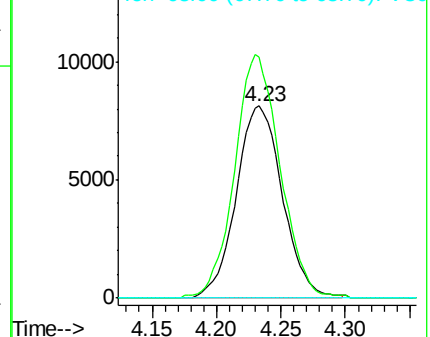
96 100

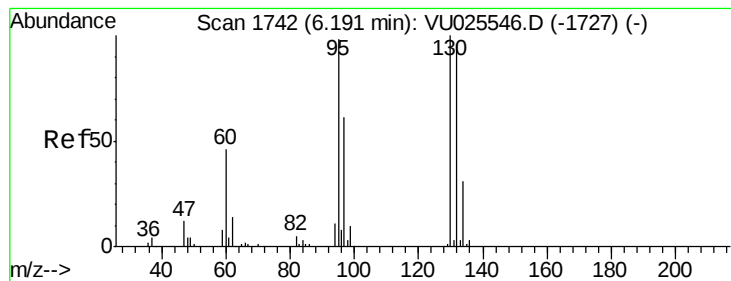
61 125.4 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 4.746 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025569.D

Acq: 21 Jul 2018 01:51

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 10303

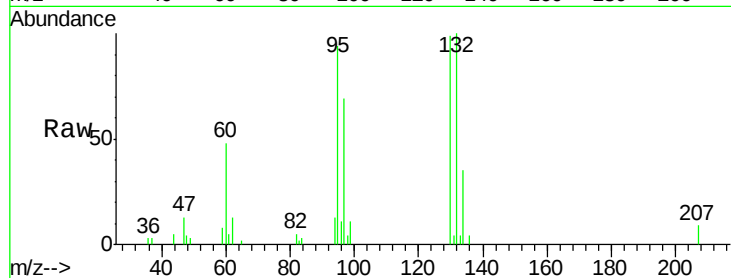
Ion Ratio Lower Upper

95 100

97 72.8 45.9 85.3

132 105.8 72.2 134.2

130 104.6 74.9 139.1

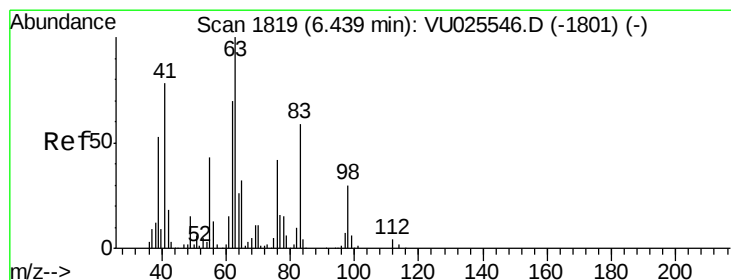
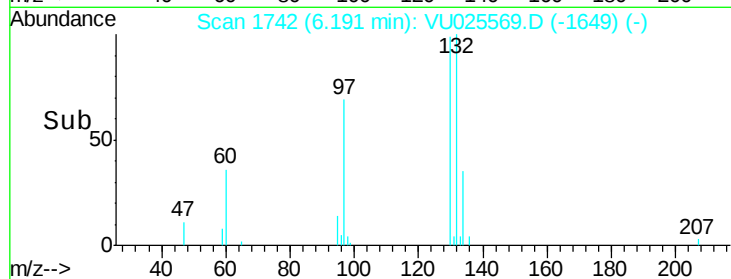
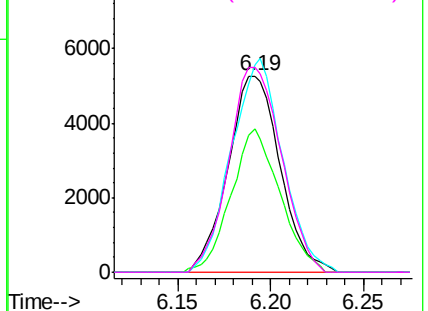


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 5.762 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025569.D

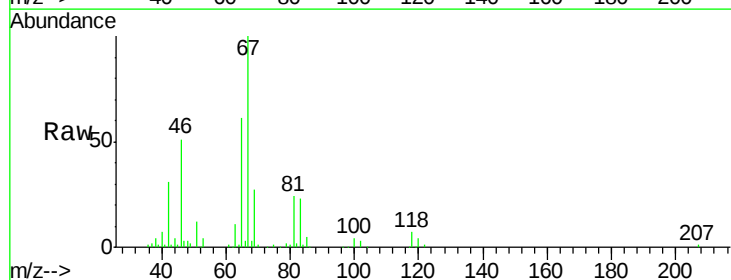
Acq: 21 Jul 2018 01:51

Tgt Ion: 63 Resp: 12883

Ion Ratio Lower Upper

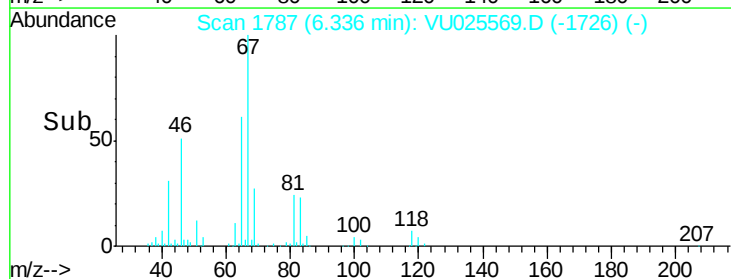
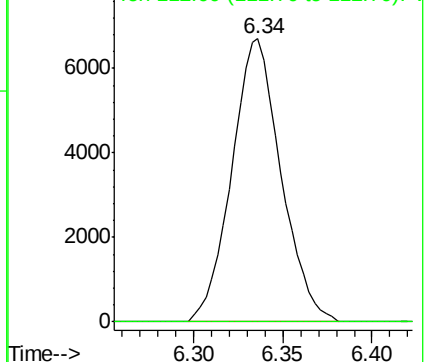
63 100

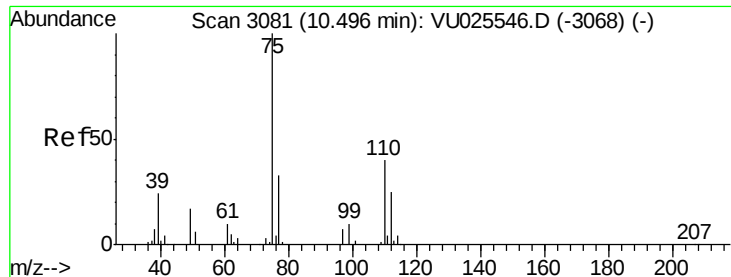
112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.918 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025569.D

Acq: 21 Jul 2018 01:51

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 12916

Ion Ratio Lower Upper

75 100

77 41.1 25.8 38.8#

