

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082718\
 Data File : VU026389.D
 Acq On : 27 Aug 2018 11:17
 Operator : MD/SY
 Sample : J4644-17DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM7DL

Quant Time: Aug 27 11:35:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 22 14:14:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	321522	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	305473	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	145415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98319	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.26%
7) Chloroethane-d5	1.68	69	81992	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.54%
11) 1,1-Dichloroethene-d2	2.27	63	148026	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
21) 2-Butanone-d5	4.18	46	149420	95.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.47%
24) Chloroform-d	4.65	84	215699	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.31	65	143911	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.18%
32) Benzene-d6	5.34	84	418391	51.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.33	67	134639	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.62%
41) Toluene-d8	7.57	98	382621	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%
43) trans-1,3-Dichloropropene-	7.85	79	65912	48.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.24%
47) 2-Hexanone-d5	8.31	63	110708	98.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	189405	48.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	161166	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds

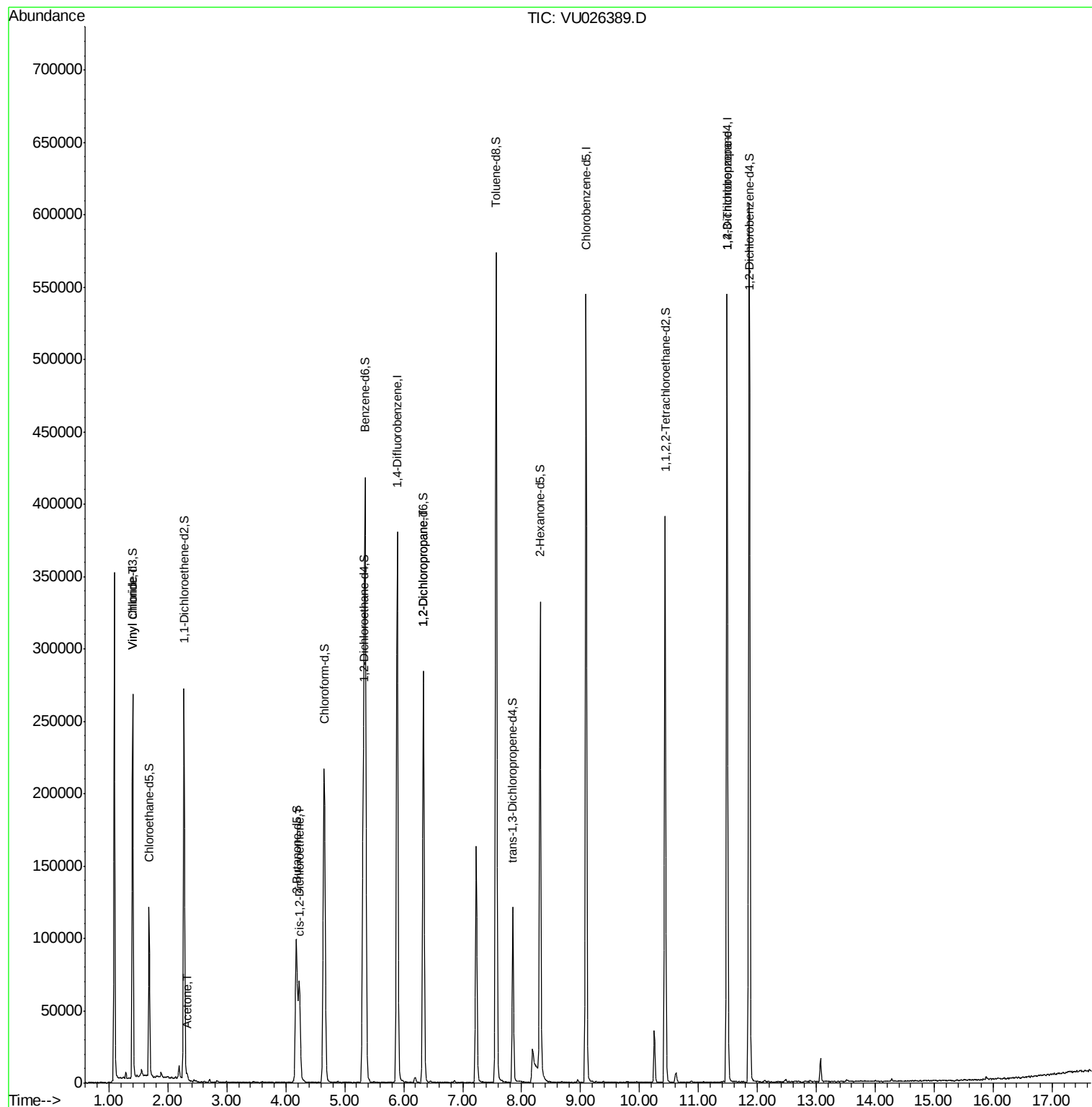
					Qvalue
5) Vinyl chloride	1.40	62	83101	35.435 ug/L	99
13) Acetone	2.32	43	1984	1.638 ug/L	89
20) cis-1,2-Dichloroethene	4.23	96	37338	16.217 ug/L	99
37) 1,2-Dichloropropane	6.33	63	15110	6.639 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	16111	5.678 ug/L #	87

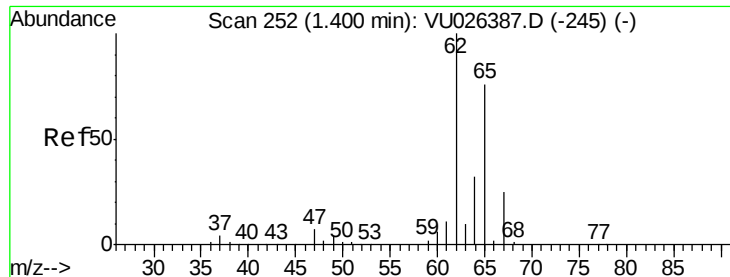
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 35.435 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

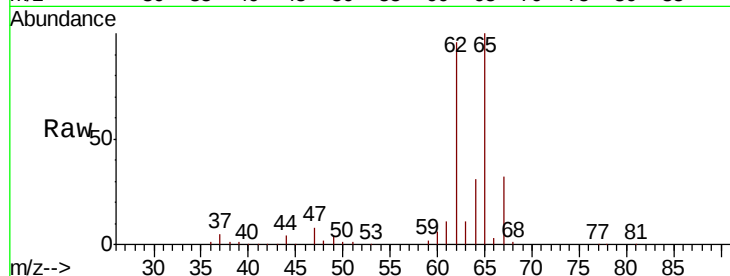
ETOM7DL

Tgt Ion: 62 Resp: 83101

Ion Ratio Lower Upper

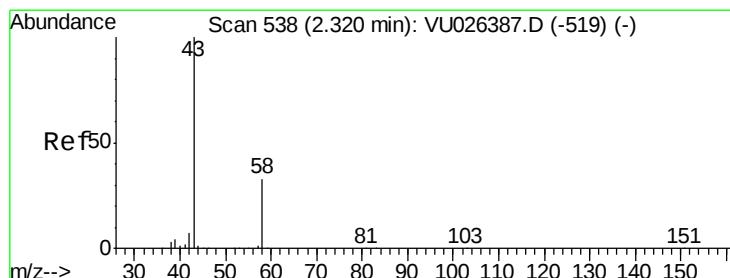
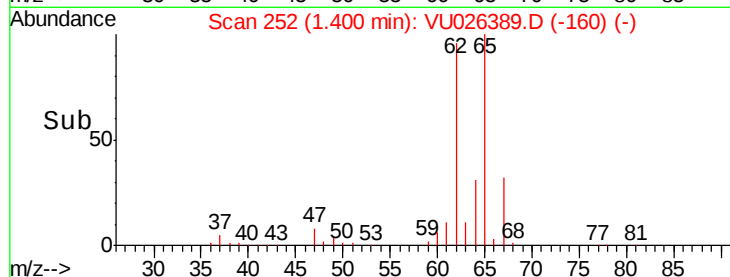
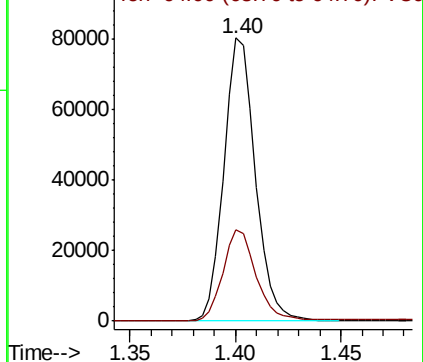
62 100

64 32.5 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 1.638 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026389.D

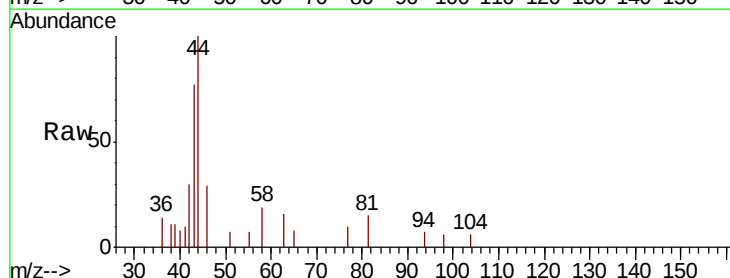
Acq: 27 Aug 2018 11:17

Tgt Ion: 43 Resp: 1984

Ion Ratio Lower Upper

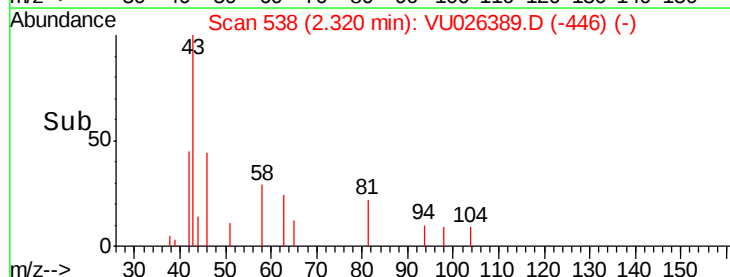
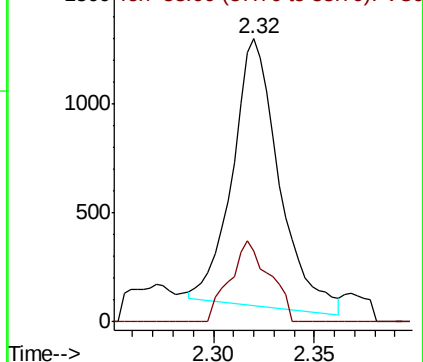
43 100

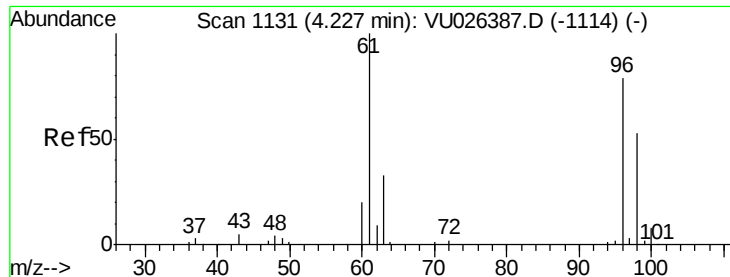
58 25.8 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

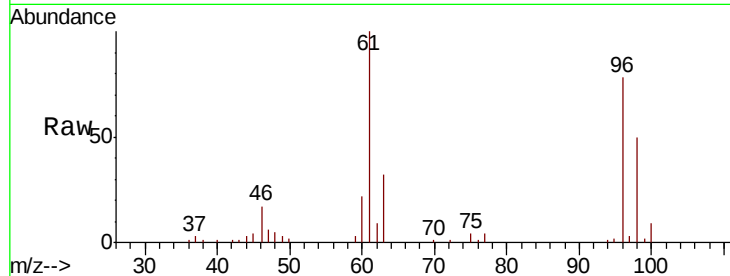




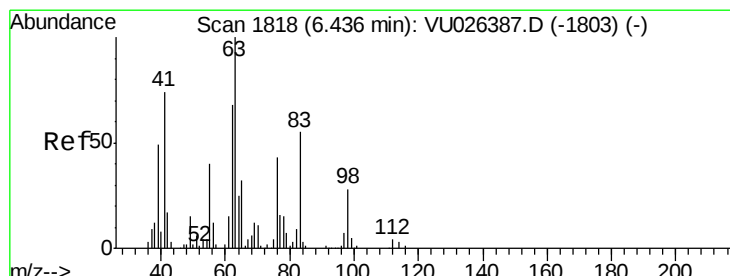
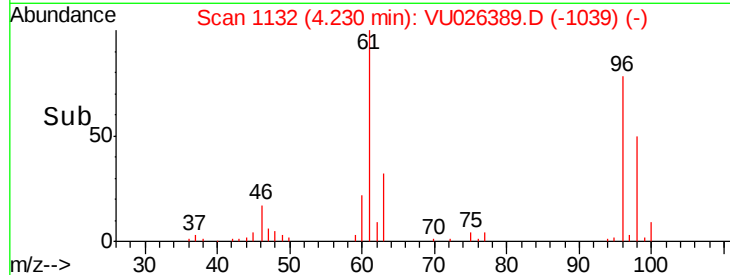
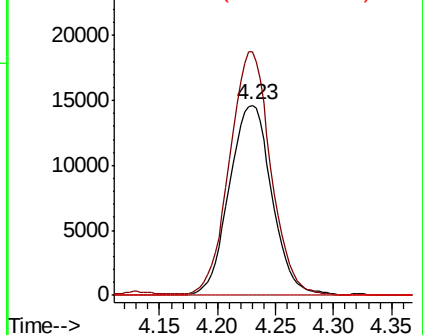
#20
 cis-1,2-Dichloroethene
 Concen: 16.217 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU026389.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM7DL

Tgt Ion: 96 Resp: 37338
 Ion Ratio Lower Upper
 96 100
 61 128.1 88.8 165.0
 68 0.0 0.0 0.0

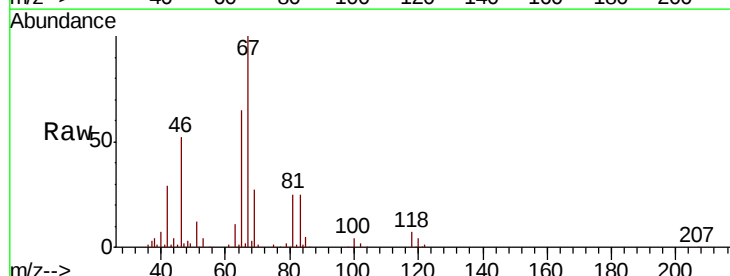


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

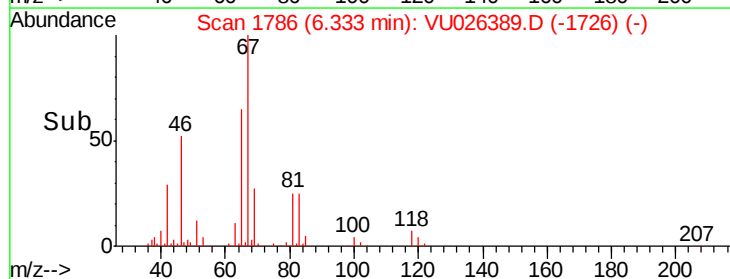
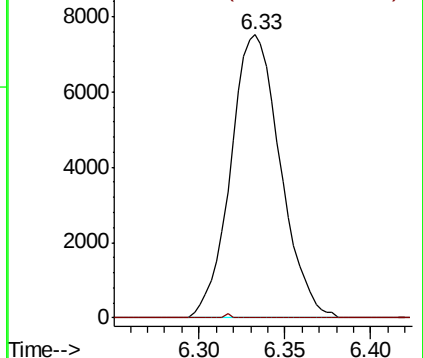


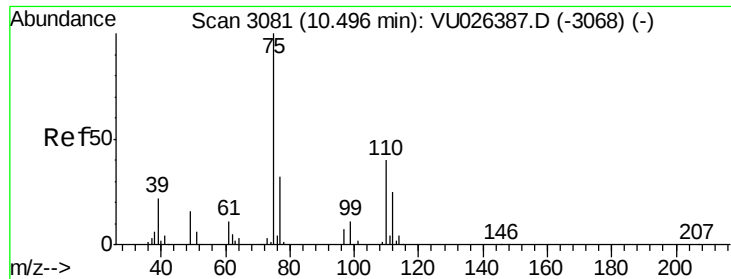
#37
 1,2-Dichloropropane
 Concen: 6.639 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.11 min
 Lab File: VU026389.D
 Acq: 27 Aug 2018 11:17

Tgt Ion: 63 Resp: 15110
 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: 5.678 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026389.D

Acq: 27 Aug 2018 11:17

Instrument :

MSVOA_U

ClientSampleId :

ETOM7DL

Tgt Ion: 75 Resp: 16111

Ion Ratio Lower Upper

75 100

77 39.2 25.6 38.4#

