

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026382.D
 Acq On : 25 Aug 2018 19:31
 Operator : MD/SY
 Sample : J4644-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM7

Quant Time: Aug 27 01:33:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 04:25:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	308558	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149517	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95867	50.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.88%
7) Chloroethane-d5	1.68	69	75121	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.90%
11) 1,1-Dichloroethene-d2	2.27	63	140189	37.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.80%
21) 2-Butanone-d5	4.18	46	149530	99.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.55%
24) Chloroform-d	4.65	84	199541	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
26) 1,2-Dichloroethane-d4	5.31	65	131669	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.46%
32) Benzene-d6	5.35	84	383767	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
36) 1,2-Dichloropropane-d6	6.33	67	124791	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.78%
41) Toluene-d8	7.57	98	351637	45.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.66%
43) trans-1,3-Dichloropropene-	7.85	79	57979	43.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.12%
47) 2-Hexanone-d5	8.31	63	113070	101.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	177844	46.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	155878	49.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.26%

Target Compounds

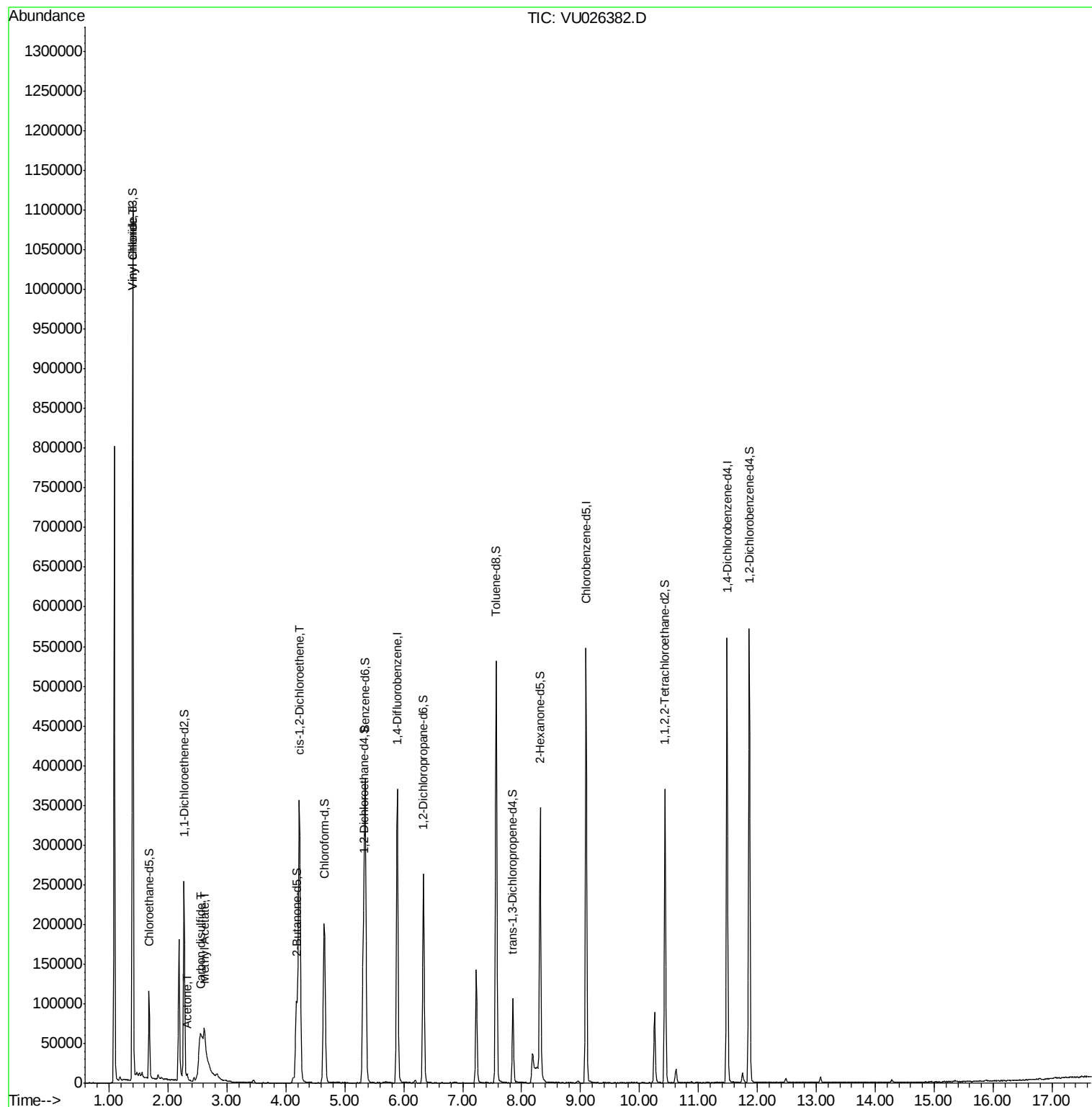
						Ovalue
5) Vinyl chloride	1.40	62	603067	267.96	ug/L	97
13) Acetone	2.32	43	5602	4.82	ug/L	88
14) Carbon disulfide	2.55	76	134024	21.51	ug/L	99
15) Methyl Acetate	2.62	43	25690	11.48	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	201687	91.28	ug/L	100

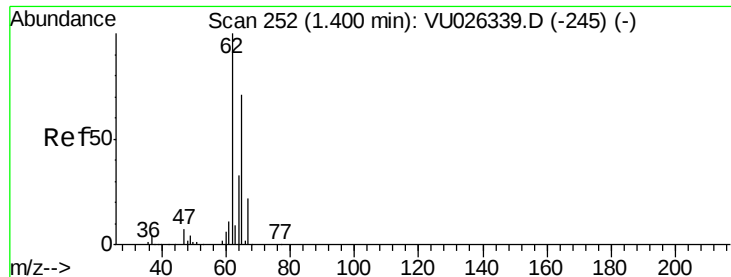
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 267.96 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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Acq: 25 Aug 2018 19:31

Instrument :

MSVOA_U

ClientSampleId :

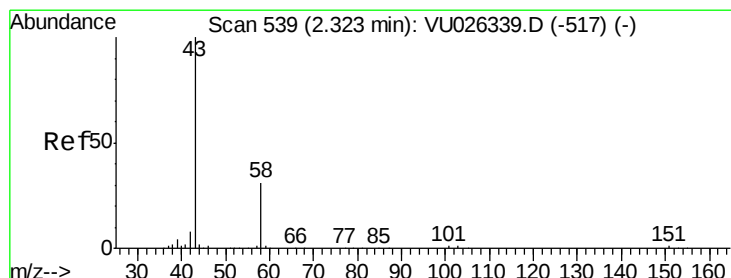
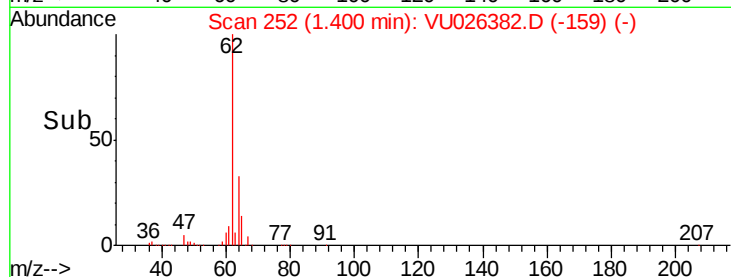
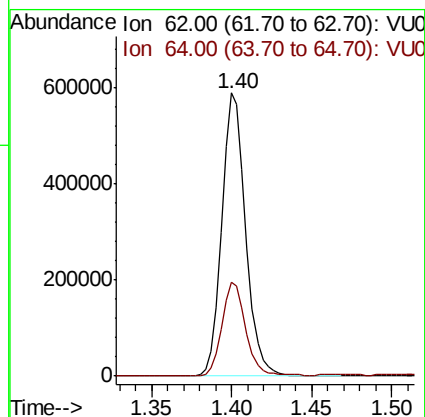
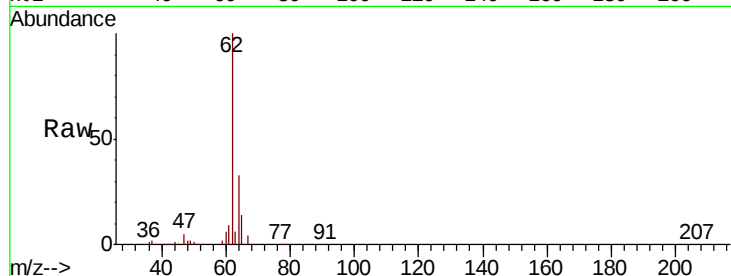
ETOM7

Tot Ion: 62 Resp: 603067

Ion Ratio Lower Upper

62 100

64 33.1 24.2 45.0



#13

Acetone

Concen: 4.82 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

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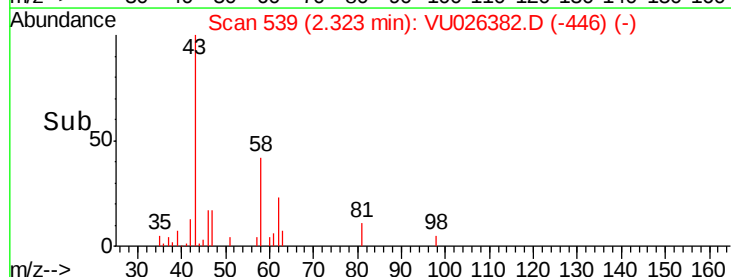
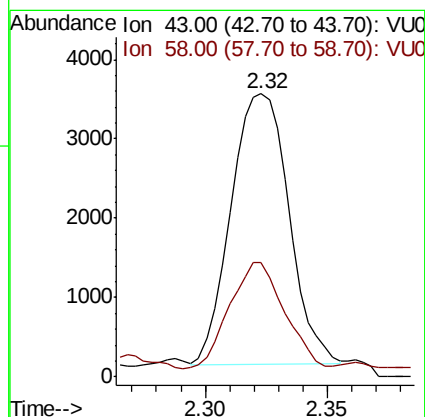
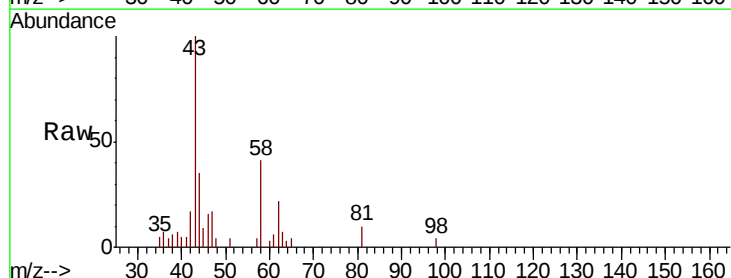
Acq: 25 Aug 2018 19:31

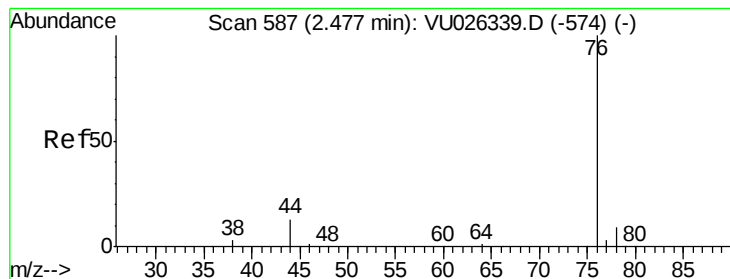
Tgt Ion: 43 Resp: 5602

Ion Ratio Lower Upper

43 100

58 37.4 0.0 61.2





#14

Carbon disulfide

Concen: 21.51 ug/L

RT: 2.55 min Scan# 610

Delta R.T. 0.07 min

Lab File: VU026382.D

Acq: 25 Aug 2018 19:31

Instrument :

MSVOA_U

ClientSampled :

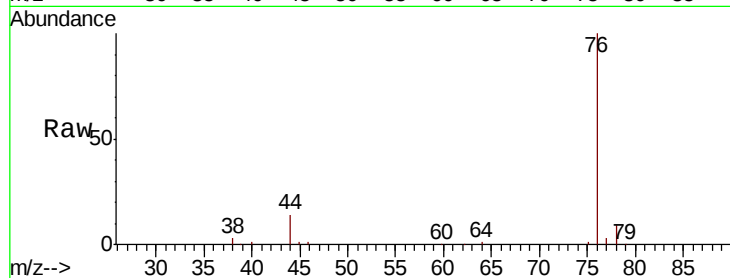
ETOM7

Tot Ion: 76 Resp: 134024

Ion Ratio Lower Upper

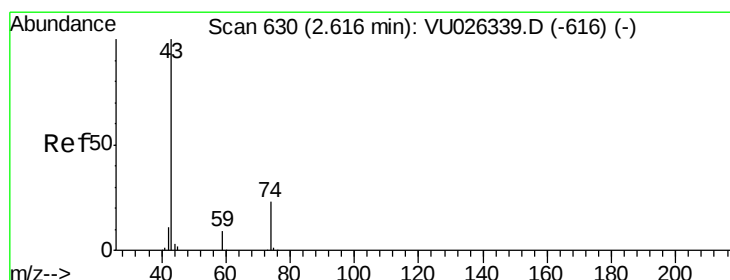
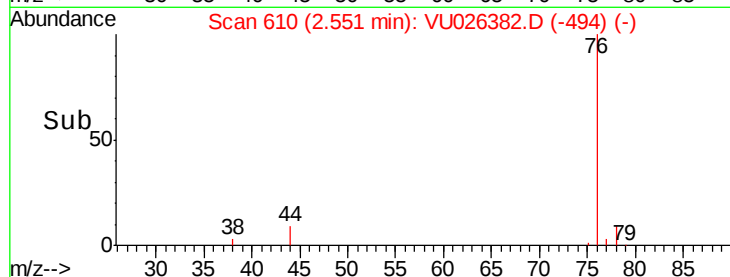
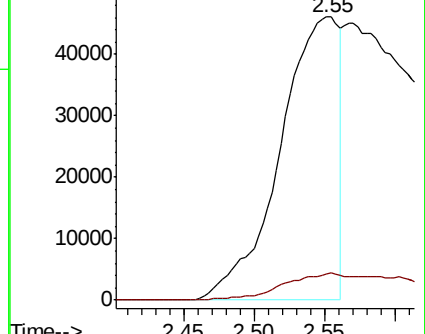
76 100

78 9.2 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0



#15

Methyl Acetate

Concen: 11.48 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU026382.D

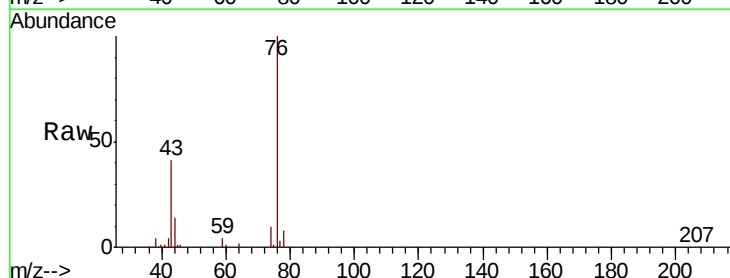
Acq: 25 Aug 2018 19:31

Tgt Ion: 43 Resp: 25690

Ion Ratio Lower Upper

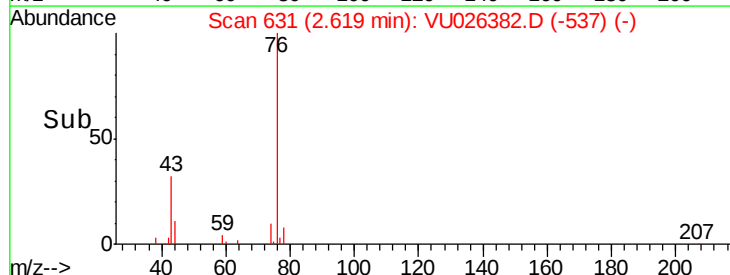
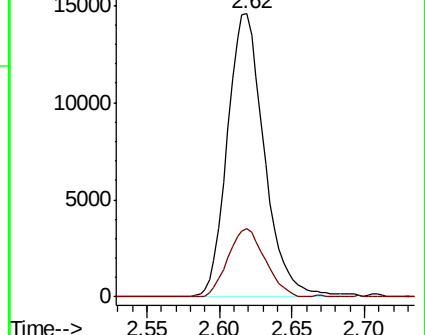
43 100

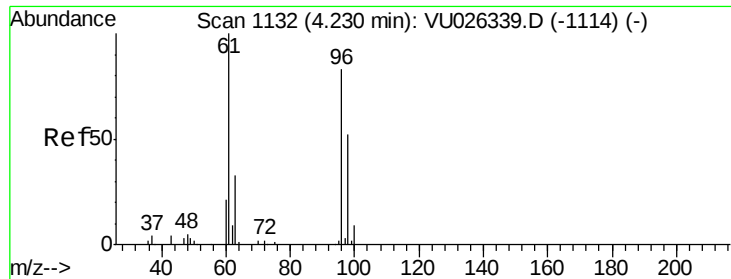
74 24.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#20
 cis-1,2-Dichloroethene
 Concen: 91.28 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026382.D
 Acq: 25 Aug 2018 19:31

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOM7

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	128.9	90.3	167.7	
68	0.0	0.0	0.0	

