

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082518\
 Data File : VU026371.D
 Acq On : 25 Aug 2018 15:16
 Operator : MD/SY
 Sample : J4644-01DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBL8DL

Quant Time: Aug 27 01:32:21 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	319842	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	319420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	150664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98357	50.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.84%
7) Chloroethane-d5	1.68	69	79777	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.30%
11) 1,1-Dichloroethene-d2	2.27	63	145969	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.14%
21) 2-Butanone-d5	4.18	46	154662	99.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.33%
24) Chloroform-d	4.65	84	205095	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.31	65	139191	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.35	84	406754	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.33	67	128760	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.86%
41) Toluene-d8	7.57	98	365363	44.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.46%
43) trans-1,3-Dichloropropene-	7.85	79	61672	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.00%
47) 2-Hexanone-d5	8.31	63	114169	97.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	180765	44.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	157158	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%

Target Compounds

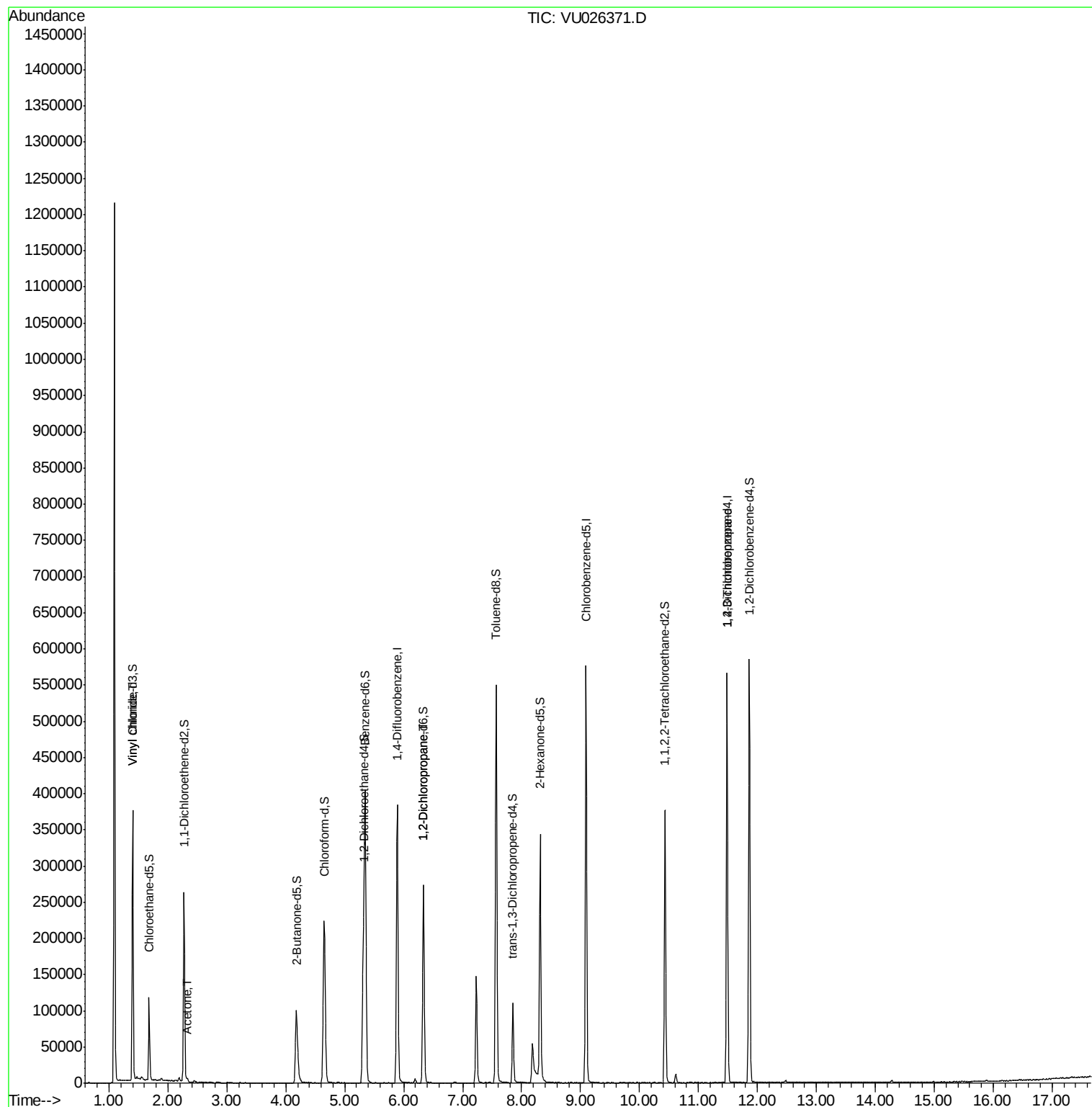
					Ovalue
5) Vinyl chloride	1.40	62	145305	62.28	ug/L 99
13) Acetone	2.32	43	2549	2.12	ug/L 91
37) 1,2-Dichloropropane	6.33	63	13667	5.74	ug/L # 89
59) 1,2,3-Trichloropropane	11.48	75	16820	5.67	ug/L # 88

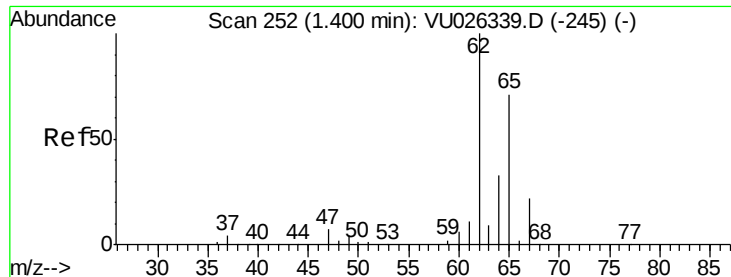
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 62.28 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleID :

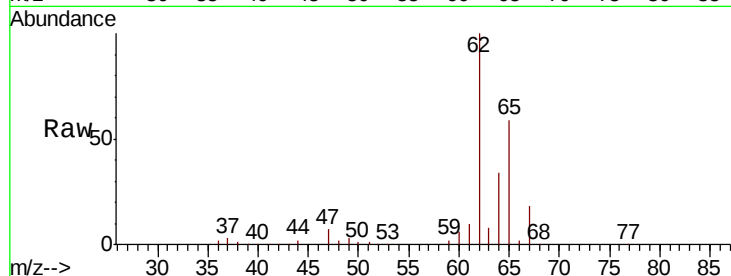
ETBL8DL

Tot Ion: 62 Resp: 145305

Ion Ratio Lower Upper

62 100

64 34.1 24.2 45.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

150000

100000

50000

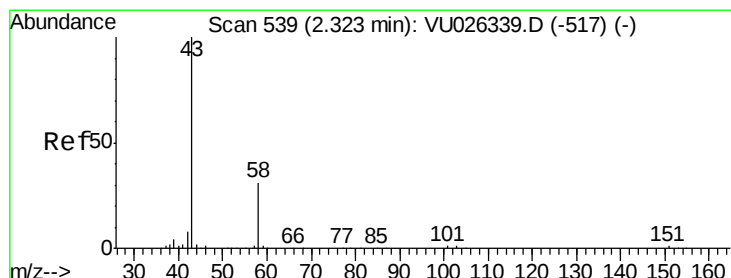
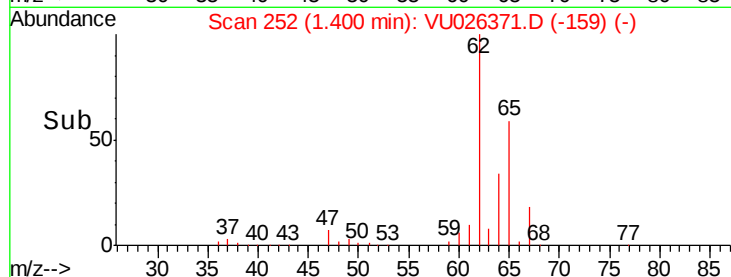
0

1.35

1.40

1.45

Time-->



#13

Acetone

Concen: 2.12 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

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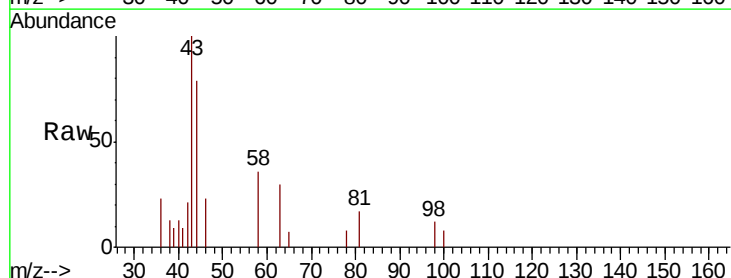
Acq: 25 Aug 2018 15:16

Tgt Ion: 43 Resp: 2549

Ion Ratio Lower Upper

43 100

58 35.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

1500

1000

500

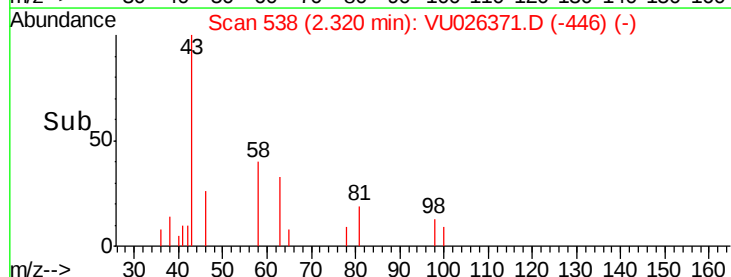
0

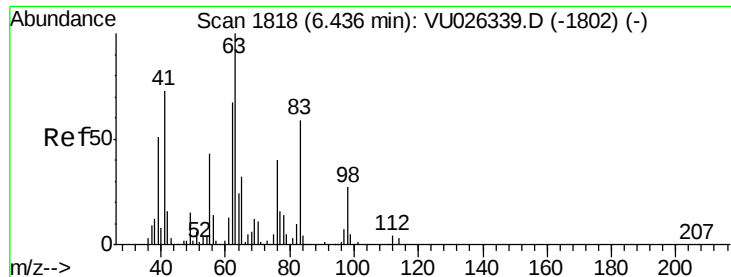
2.30

2.32

2.35

Time-->





#37

1,2-Dichloropropane

Concen: 5.74 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

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Instrument :

MSVOA_U

ClientSampleId :

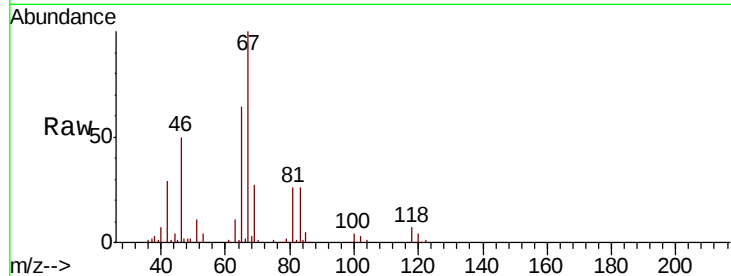
ETBL8DL

Tot Ion: 63 Resp: 13667

Ion Ratio Lower Upper

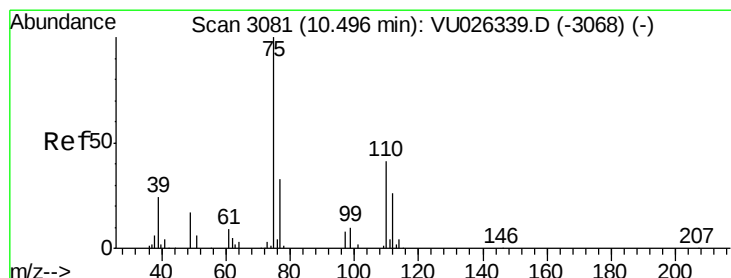
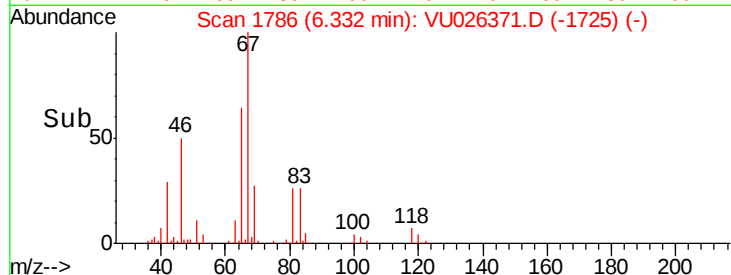
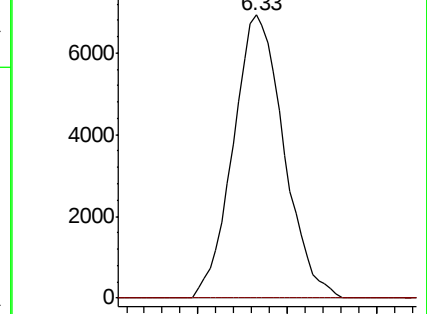
63 100

112 0.8 3.4 5.2#



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: 5.67 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026371.D

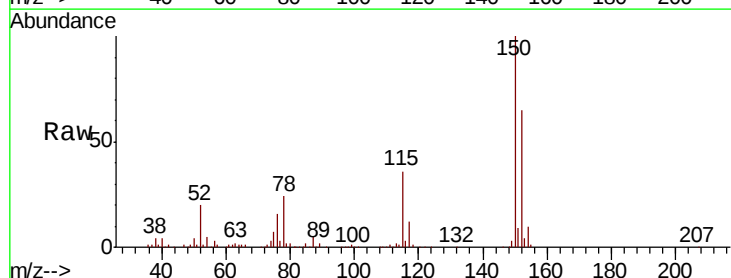
Acq: 25 Aug 2018 15:16

Tgt Ion: 75 Resp: 16820

Ion Ratio Lower Upper

75 100

77 38.4 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

