

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050718\
 Data File : VU023720.D
 Acq On : 07 May 2018 18:10
 Operator : MD/SY
 Sample : J2725-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 08 04:50:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 08 04:32:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	369673	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	344232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	177862	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92909	35.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.92%
7) Chloroethane-d5	1.68	69	81633	40.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.76%
11) 1,1-Dichloroethene-d2	2.27	63	149304	29.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.46%#
21) 2-Butanone-d5	4.18	46	211692	116.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.94%
24) Chloroform-d	4.65	84	200886	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	5.31	65	133891	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
32) Benzene-d6	5.35	84	422700	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.34	67	146302	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.58%
41) Toluene-d8	7.57	98	379198	44.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.06%
43) trans-1,3-Dichloropropene-	7.85	79	59253	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.98%
47) 2-Hexanone-d5	8.31	63	160999	137.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	137.05%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	203664	50.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	166958	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%

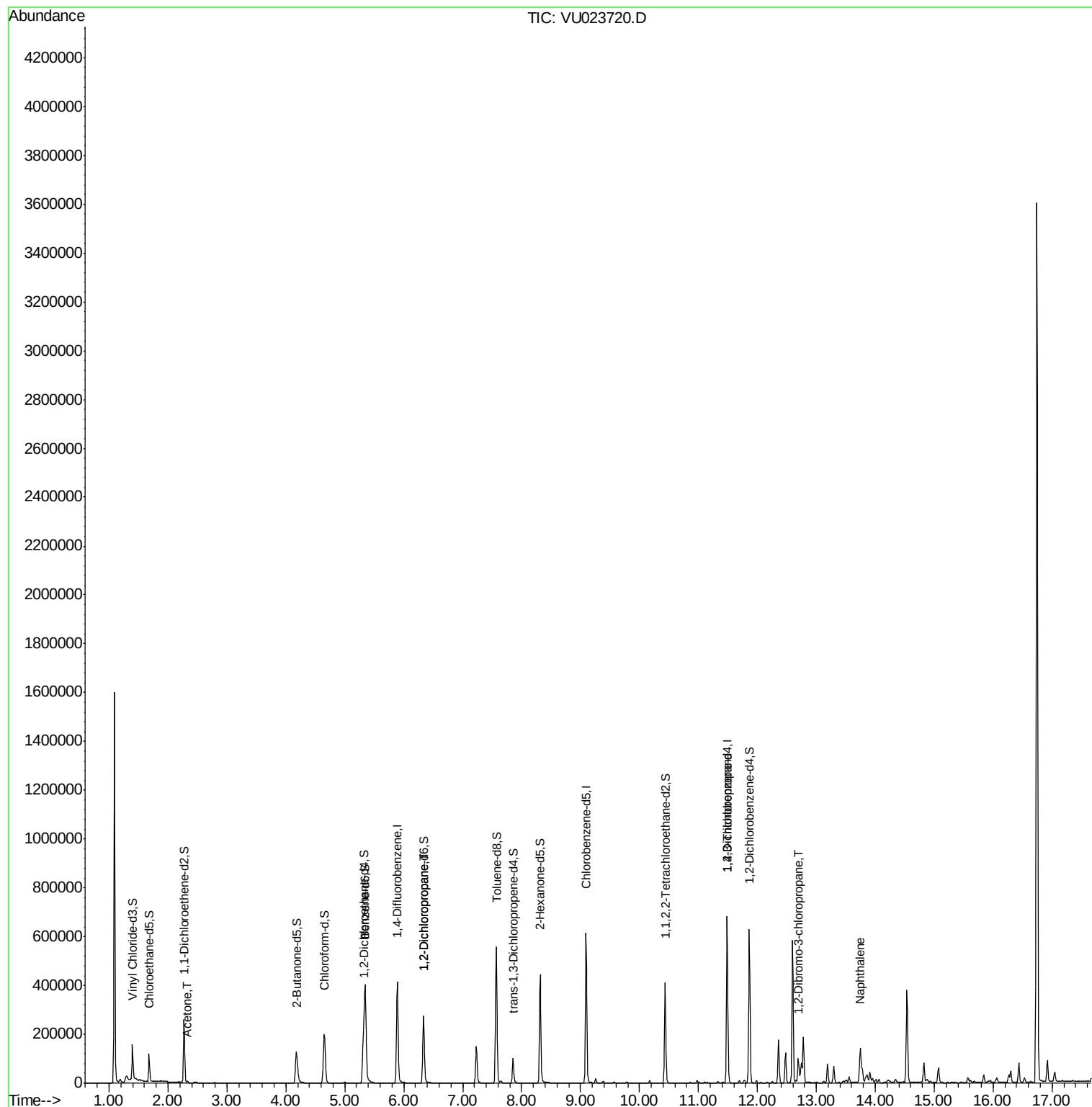
Target Compounds

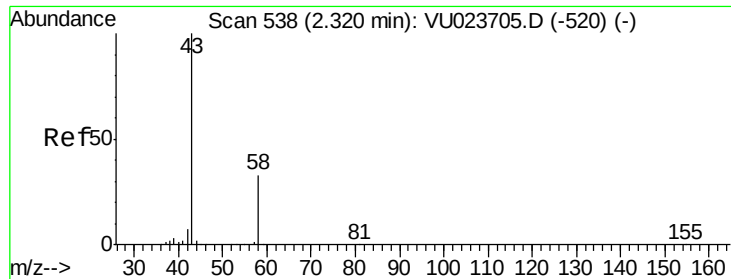
					Qvalue
13) Acetone	2.32	43	4174	1.55 ug/L	97
37) 1,2-Dichloropropane	6.34	63	14379	4.14 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	20339	5.30 ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.69	75	2172	2.28 ug/L #	1
69) Naphthalene	13.75	128	93921	7.84 ug/L	99

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

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#13

Acetone

Concen: 1.55 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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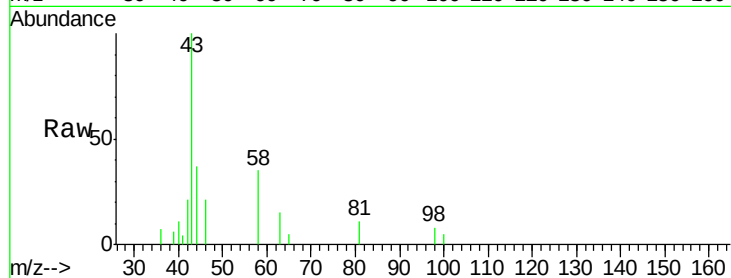
Acq: 07 May 2018 18:10

Tgt Ion: 43 Resp: 4174

Ion Ratio Lower Upper

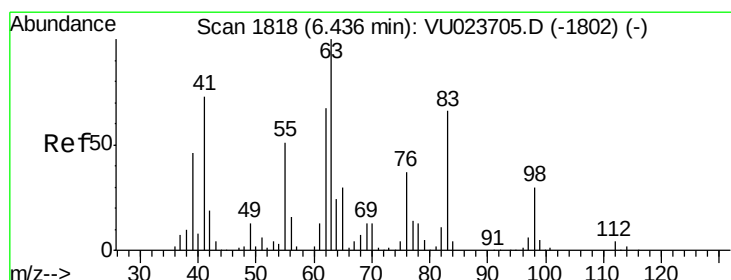
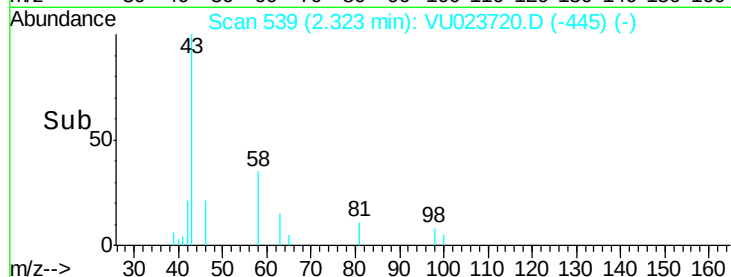
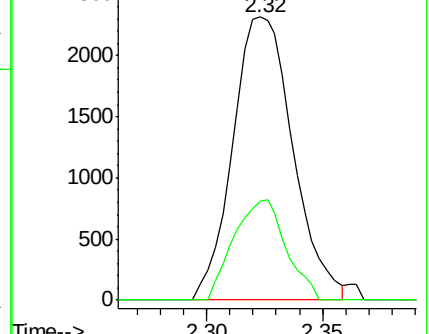
43 100

58 30.8 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#37

1,2-Dichloropropane

Concen: 4.14 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU023720.D

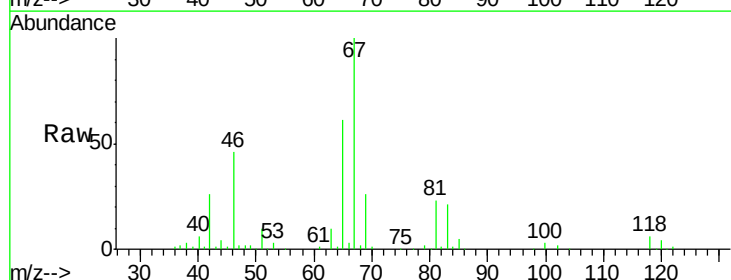
Acq: 07 May 2018 18:10

Tgt Ion: 63 Resp: 14379

Ion Ratio Lower Upper

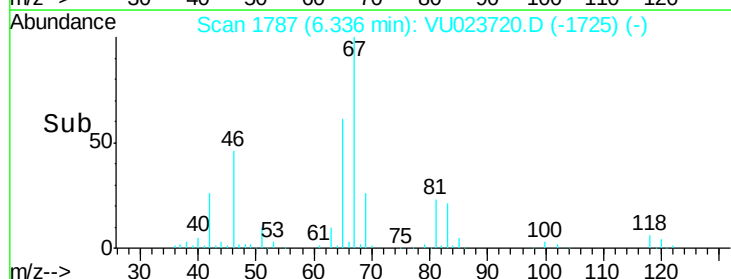
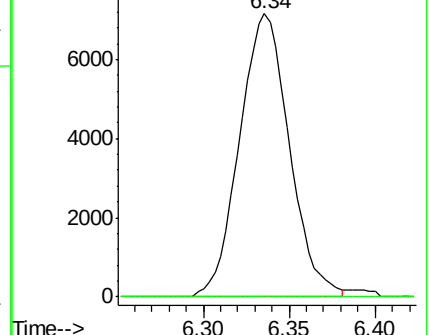
63 100

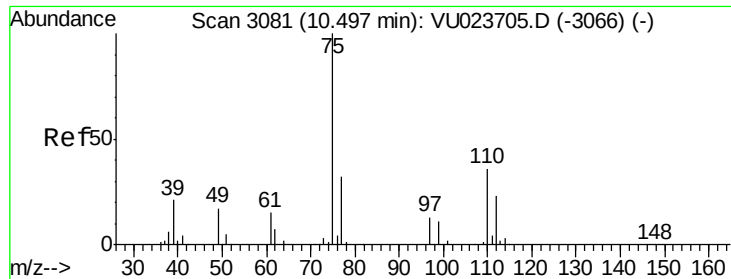
112 0.0 3.1 4.7#



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: 5.30 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023720.D

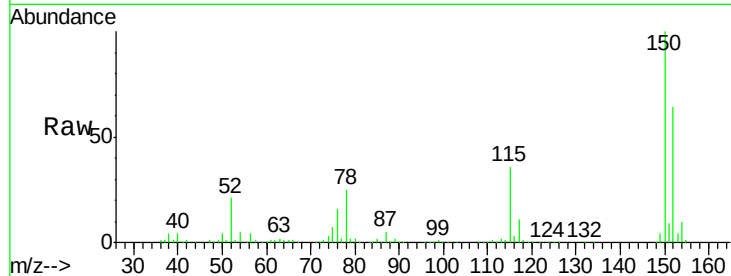
Acq: 07 May 2018 18:10

Tgt Ion: 75 Resp: 20339

Ion Ratio Lower Upper

75 100

77 36.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.49

15000

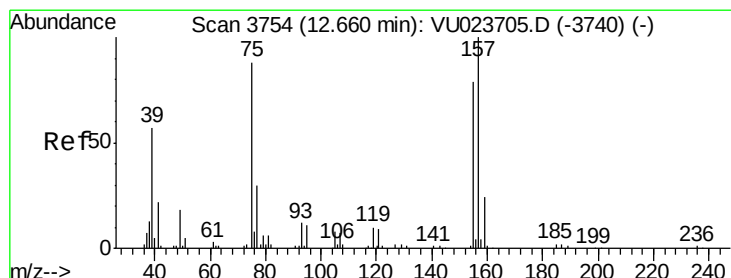
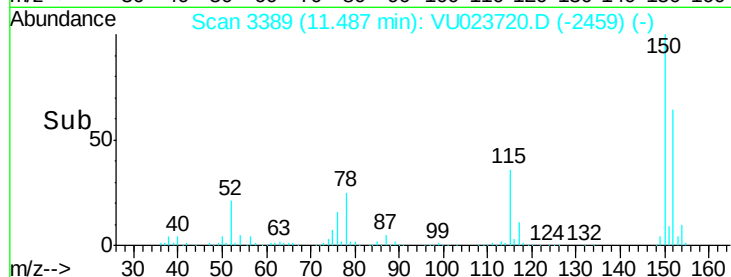
10000

5000

0

Time-->

11.45 11.50 11.55



#66

1,2-Dibromo-3-chloropropane

Concen: 2.28 ug/L

RT: 12.69 min Scan# 3764

Delta R.T. 0.03 min

Lab File: VU023720.D

Acq: 07 May 2018 18:10

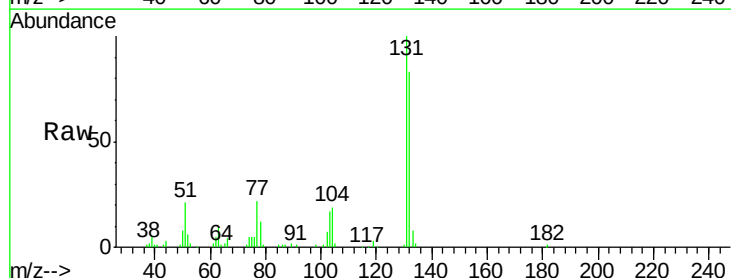
Tgt Ion: 75 Resp: 2172

Ion Ratio Lower Upper

75 100

155 0.0 68.9 103.3#

157 0.0 89.9 134.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

4000

3000

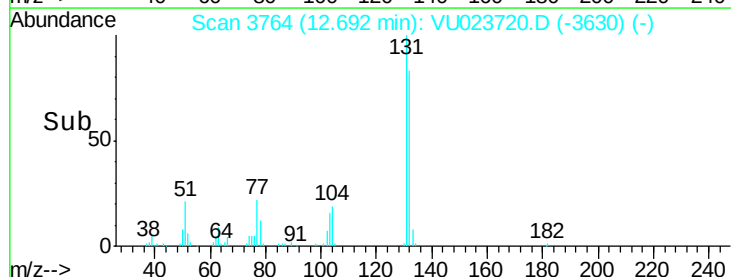
2000

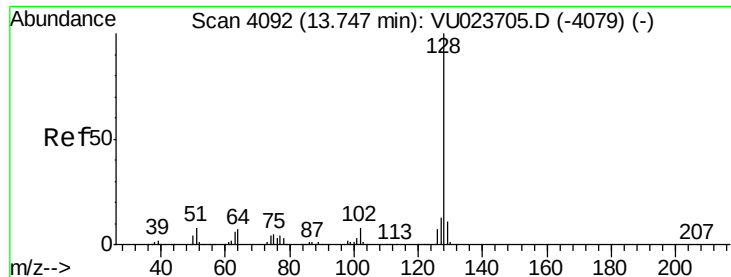
1000

0

Time-->

12.65 12.70





#69

Naphthalene

Concen: 7.84 ug/L

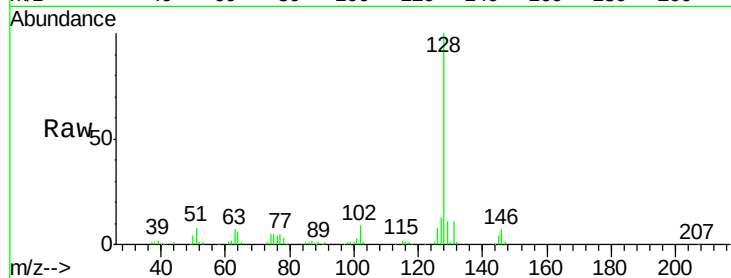
RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

Lab File: VU023720.D

Acq: 07 May 2018 18:10

Tgt Ion:	128	Resp:	93921
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

