

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052218\
 Data File : VU024022.D
 Acq On : 22 May 2018 18:10
 Operator : MD/SY
 Sample : J3043-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 23 02:53:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 02:51:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	293856	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	130224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88203	32.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.60%
7) Chloroethane-d5	1.68	69	75473	35.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.16%
11) 1,1-Dichloroethene-d2	2.27	63	135063	26.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.92%#
21) 2-Butanone-d5	4.18	46	196163	103.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.23%
24) Chloroform-d	4.65	84	184096	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.34%
26) 1,2-Dichloroethane-d4	5.31	65	126237	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
32) Benzene-d6	5.35	84	355684	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.90%
36) 1,2-Dichloropropane-d6	6.34	67	129133	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.18%
41) Toluene-d8	7.57	98	317962	40.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.42%
43) trans-1,3-Dichloropropene-	7.85	79	51551	42.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.60%
47) 2-Hexanone-d5	8.31	63	134671	102.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.03%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	190311	47.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.38%
64) 1,2-Dichlorobenzene-d4	11.87	152	135709	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%

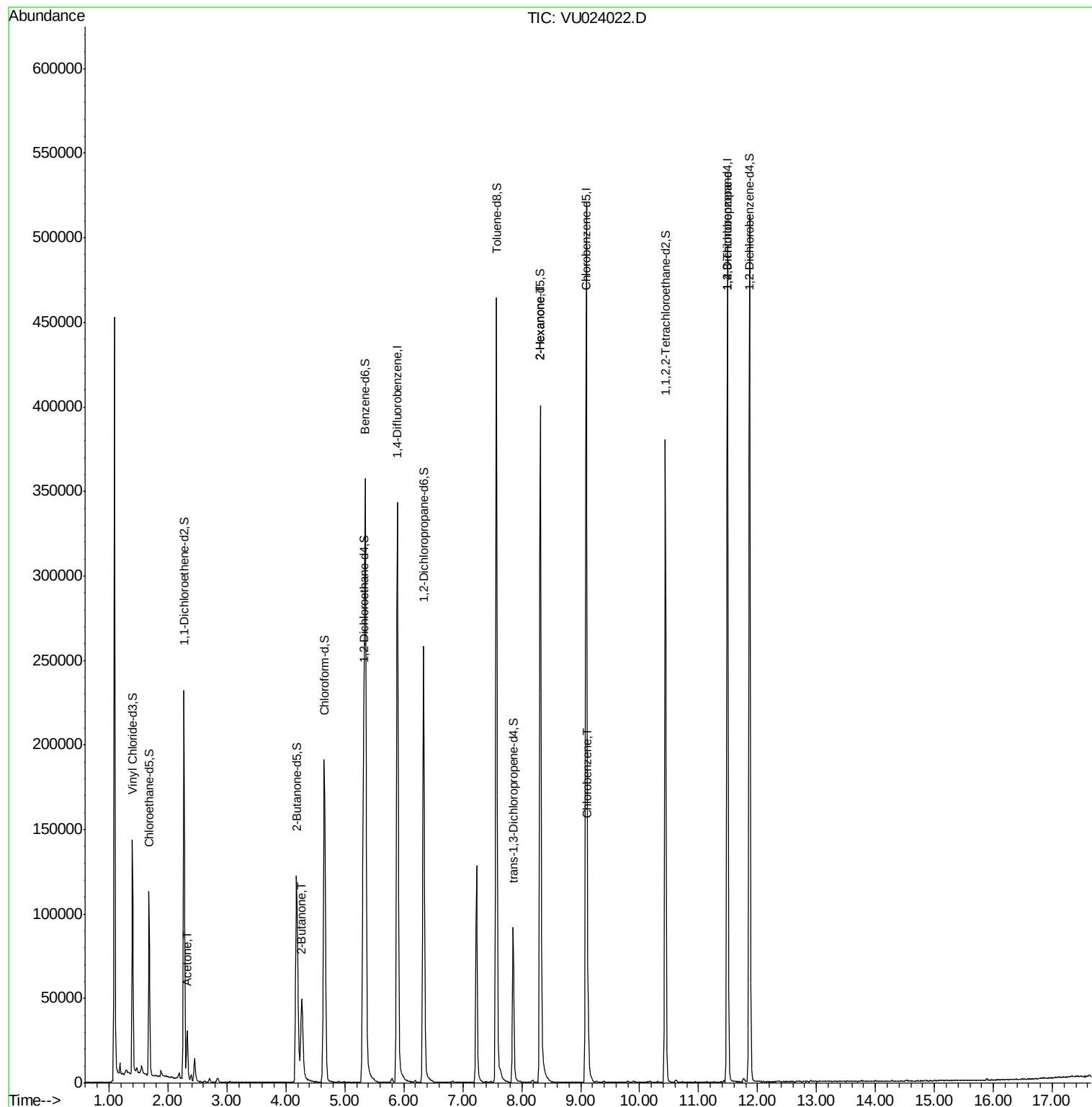
Target Compounds

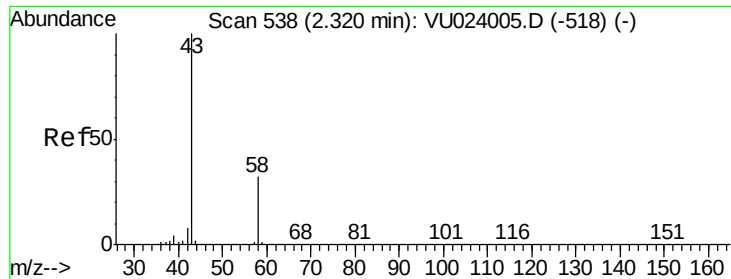
						Qvalue
13) Acetone	2.32	43	29062	15.18	ug/L	96
22) 2-Butanone	4.27	43	75911	32.59	ug/L	99
48) 2-Hexanone	8.32	43	16707	5.16	ug/L #	68
51) Chlorobenzene	9.12	112	14255	2.11	ug/L	93
59) 1,2,3-Trichloropropane	11.49	75	16705	4.55	ug/L	92

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

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#13

Acetone

Concen: 15.18 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024022.D

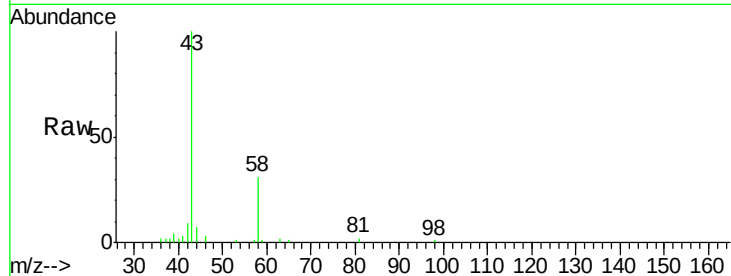
Acq: 22 May 2018 18:10

Tgt Ion: 43 Resp: 29062

Ion Ratio Lower Upper

43 100

58 30.5 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

20000

15000

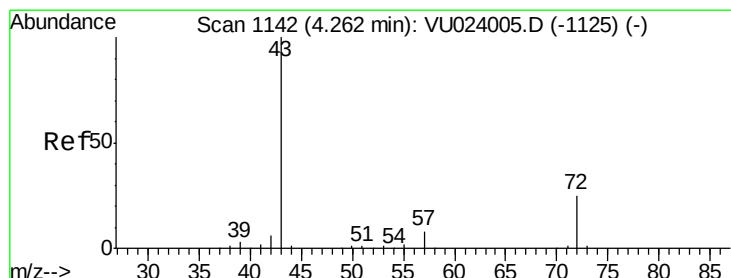
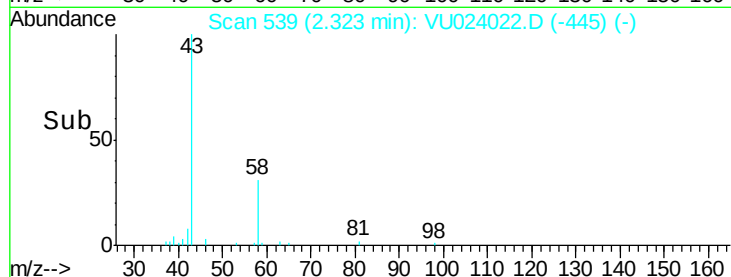
10000

5000

0

Time--> 2.25 2.30 2.35 2.40

2.32



#22

2-Butanone

Concen: 32.59 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU024022.D

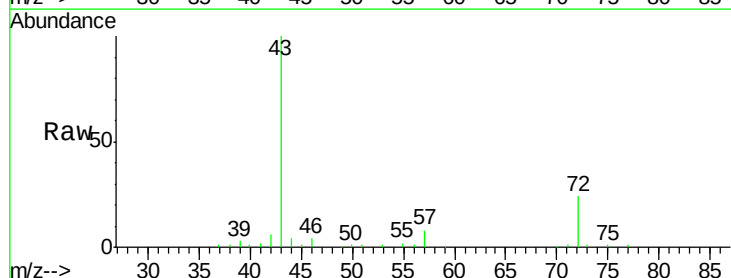
Acq: 22 May 2018 18:10

Tgt Ion: 43 Resp: 75911

Ion Ratio Lower Upper

43 100

72 25.2 12.8 38.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

30000

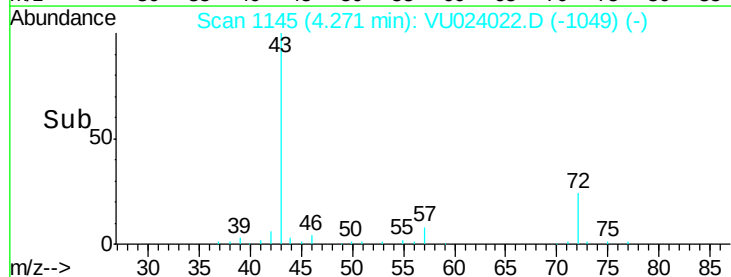
20000

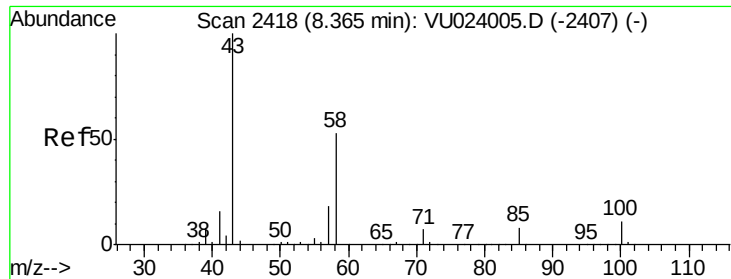
10000

0

Time--> 4.20 4.30 4.40

4.27





#48

2-Hexanone

Concen: 5.16 ug/L

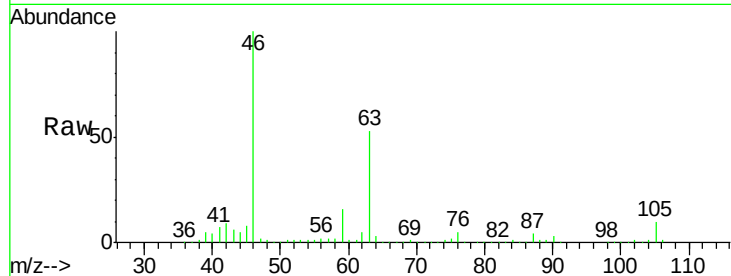
RT: 8.32 min Scan# 2403

Delta R.T. -0.05 min

Lab File: VU024022.D

Acq: 22 May 2018 18:10

Tgt Ion:	43	Resp:	16707
Ion	Ratio	Lower	Upper
43	100		
58	28.7	42.6	63.8#
57	32.6	14.9	22.3#
100	2.6	8.5	12.7#

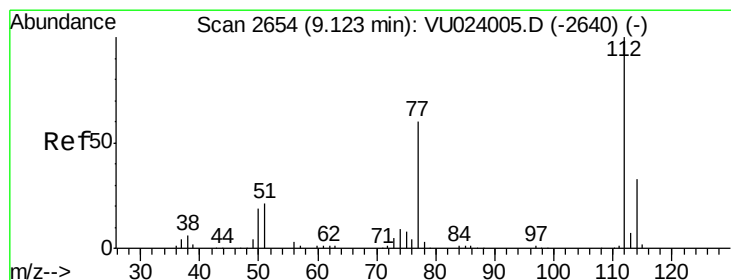
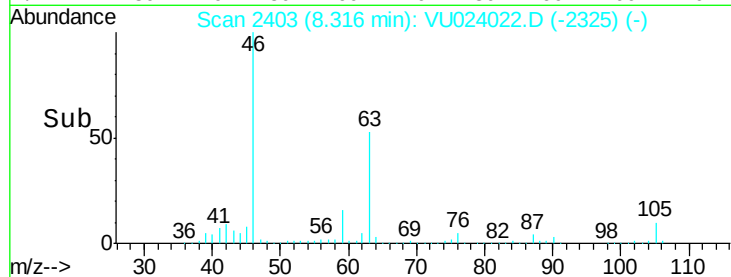
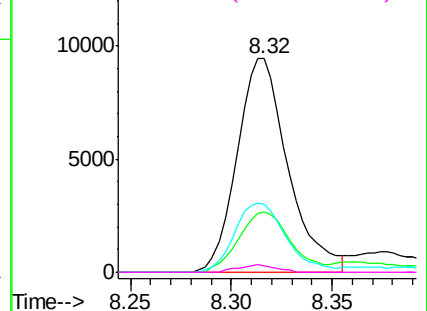


Abundance Ion 43.00 (42.70 to 43.70): VU024005.D (-2407) (-)

Ion 58.00 (57.70 to 58.70): VU024005.D (-2407) (-)

Ion 57.00 (56.70 to 57.70): VU024005.D (-2407) (-)

Ion 100.00 (99.70 to 100.70): VU024005.D (-2407) (-)



#51

Chlorobenzene

Concen: 2.11 ug/L

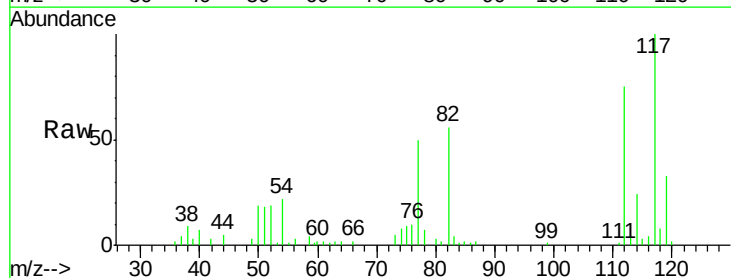
RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU024022.D

Acq: 22 May 2018 18:10

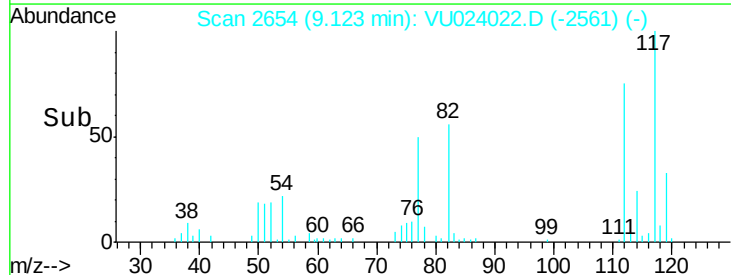
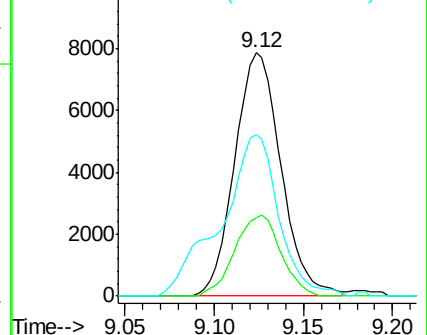
Tgt Ion:	112	Resp:	14255
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.1
77	66.5	46.7	70.1

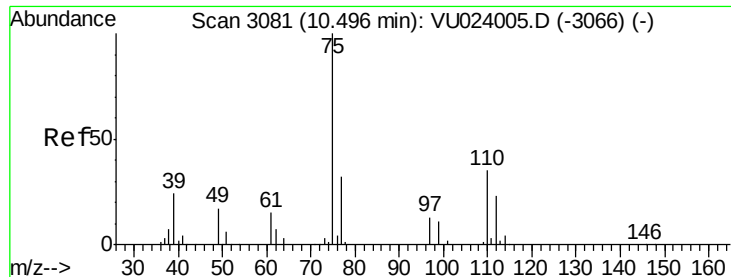


Abundance Ion 112.00 (111.70 to 112.70): VU024005.D (-2640) (-)

Ion 114.00 (113.70 to 114.70): VU024005.D (-2640) (-)

Ion 77.00 (76.70 to 77.70): VU024005.D (-2640) (-)





#59

1,2,3-Trichloropropane

Concen: 4.55 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024022.D

Acq: 22 May 2018 18:10

Tgt Ion: 75 Resp: 16705

Ion Ratio Lower Upper

75 100

77 37.1 26.2 39.4

