

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052118\
 Data File : VU023993.D
 Acq On : 22 May 2018 01:54
 Operator : MD/SY
 Sample : J3031-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: May 22 02:31:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 02:00:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	270478	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	274846	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	118068	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88878	35.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.72%
7) Chloroethane-d5	1.68	69	73489	37.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.22%
11) 1,1-Dichloroethene-d2	2.27	63	129771	28.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.28%#
21) 2-Butanone-d5	4.18	46	175725	100.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.47%
24) Chloroform-d	4.65	84	170602	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
26) 1,2-Dichloroethane-d4	5.31	65	117328	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
32) Benzene-d6	5.35	84	331237	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.58%
36) 1,2-Dichloropropane-d6	6.34	67	118672	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.58%
41) Toluene-d8	7.57	98	293756	39.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.48%#
43) trans-1,3-Dichloropropene-	7.85	79	43879	38.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.98%
47) 2-Hexanone-d5	8.31	63	118320	94.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.72%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	171490	44.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.88%
64) 1,2-Dichlorobenzene-d4	11.87	152	121717	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%

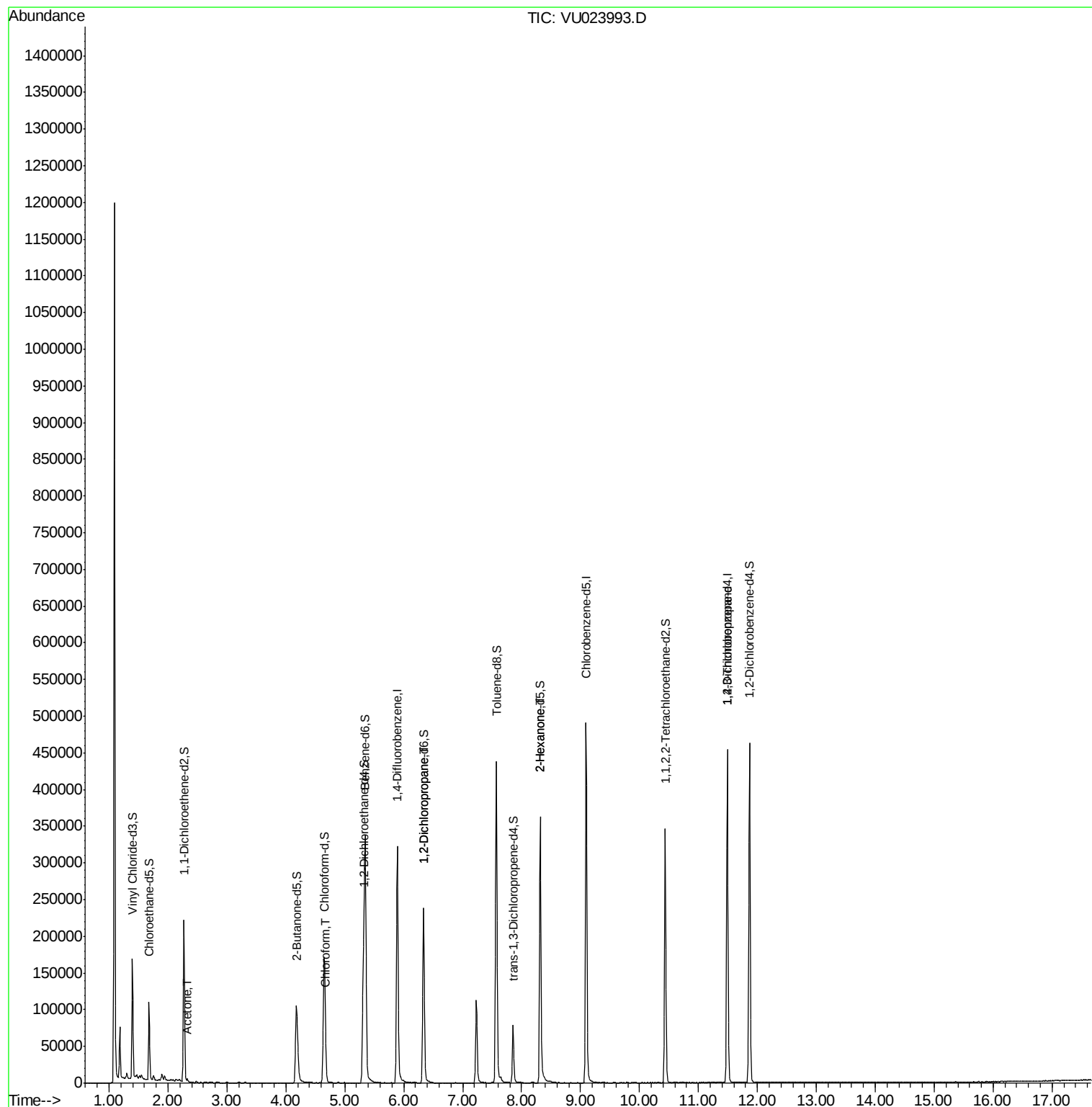
Target Compounds

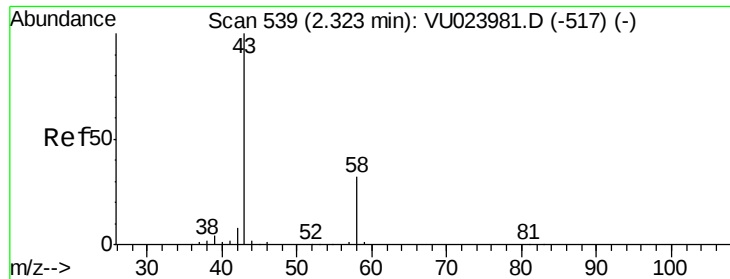
						Qvalue
13) Acetone	2.33	43	2778	1.58	ug/L	98
25) Chloroform	4.68	83	4843	1.13	ug/L	89
37) 1,2-Dichloropropane	6.34	63	12971	4.85	ug/L #	88
48) 2-Hexanone	8.31	43	15728	5.14	ug/L #	71
59) 1,2,3-Trichloropropane	11.49	75	14702	4.23	ug/L	94

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

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#13

Acetone

Concen: 1.58 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023993.D

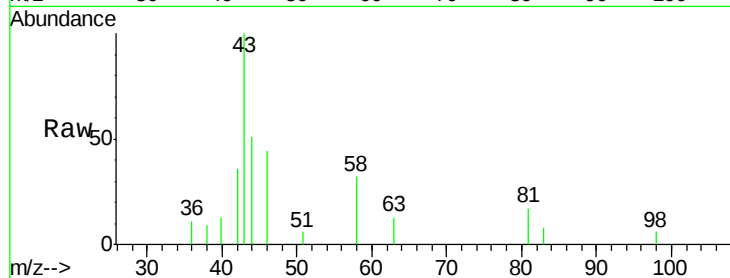
Acq: 22 May 2018 01:54

Tgt Ion: 43 Resp: 2778

Ion Ratio Lower Upper

43 100

58 31.8 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU023993.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU023993.D (-446) (-)

2.33

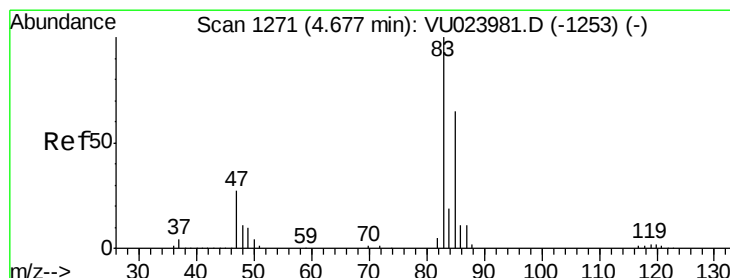
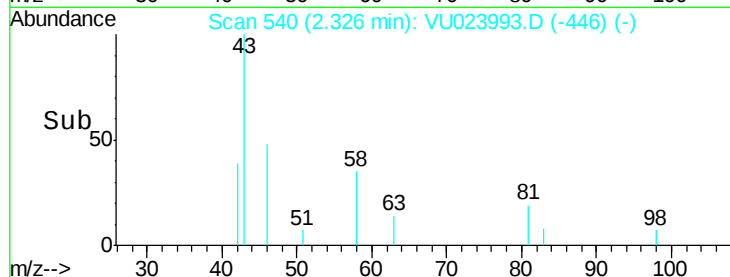
1500

1000

500

0

Time-->



#25

Chloroform

Concen: 1.13 ug/L

RT: 4.68 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VU023993.D

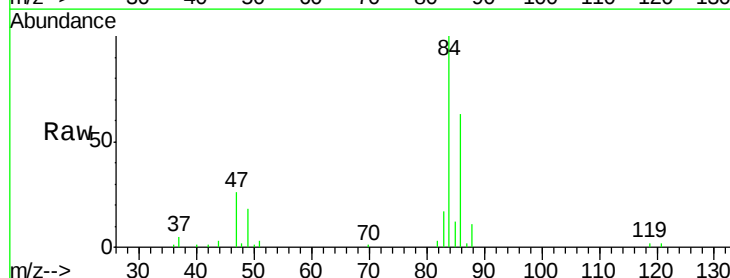
Acq: 22 May 2018 01:54

Tgt Ion: 83 Resp: 4843

Ion Ratio Lower Upper

83 100

85 72.1 44.4 82.5



Abundance Ion 83.00 (82.70 to 83.70): VU023993.D (-1178) (-)

Ion 85.00 (84.70 to 85.70): VU023993.D (-1178) (-)

4.68

2000

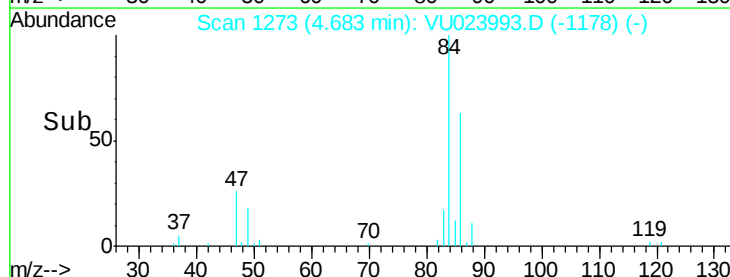
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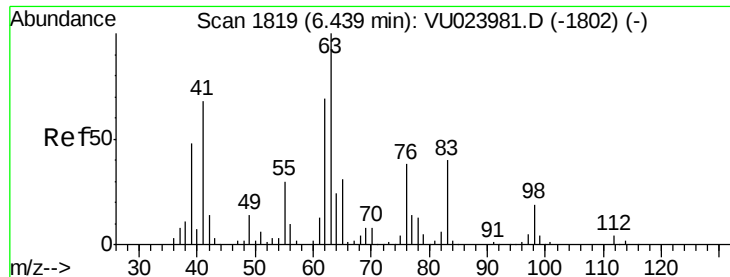
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500

0

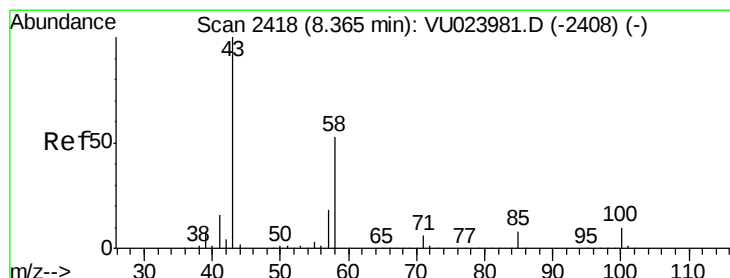
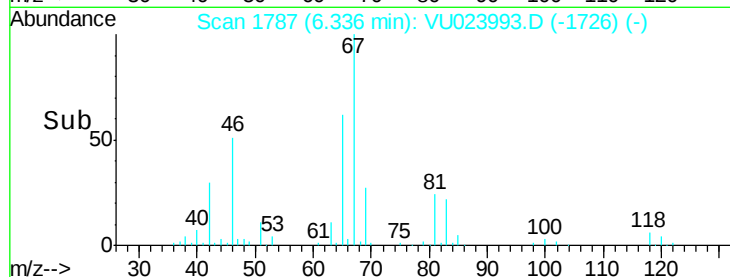
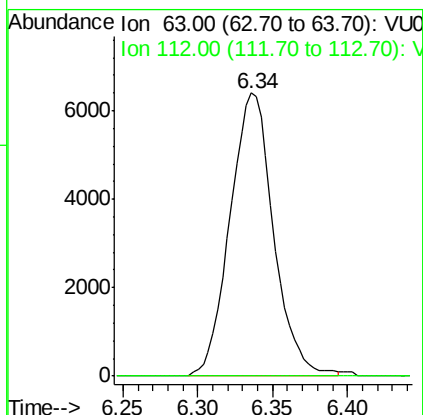
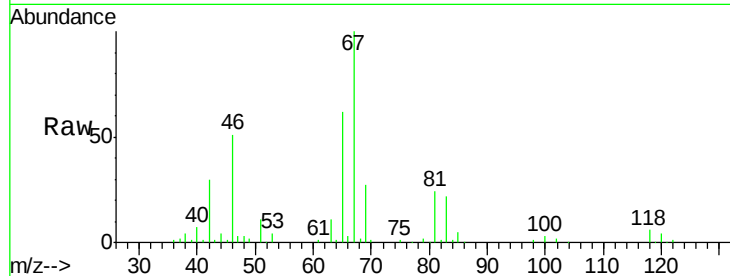
Time-->





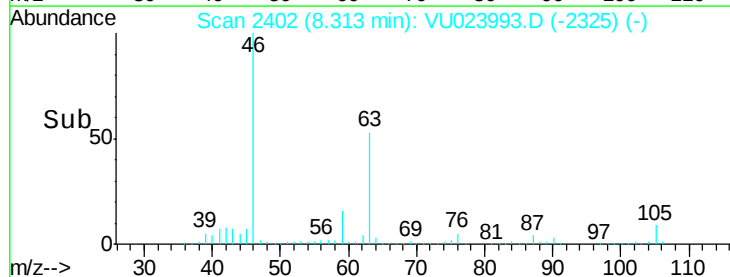
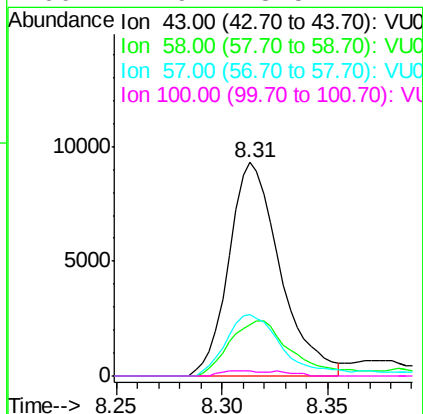
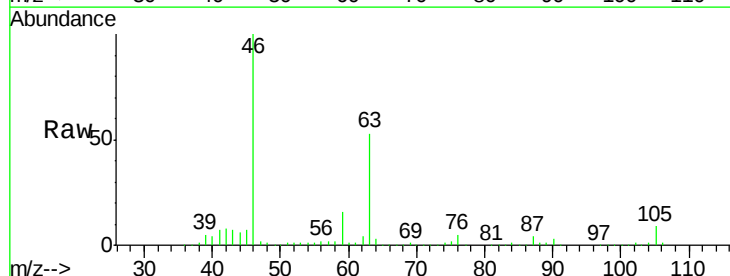
#37
 1,2-Dichloropropane
 Concen: 4.85 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023993.D
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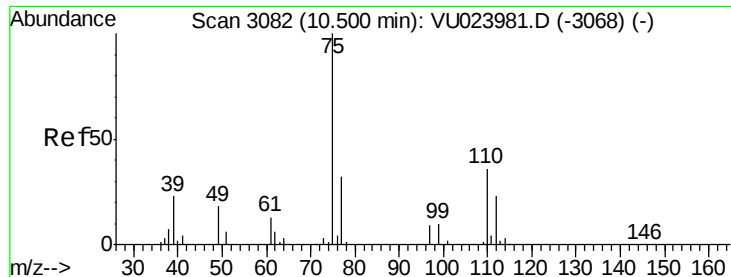
Tgt Ion: 63 Resp: 12971
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 5.14 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU023993.D
 Acq: 22 May 2018 01:54

Tgt Ion: 43 Resp: 15728
 Ion Ratio Lower Upper
 43 100
 58 32.0 42.6 63.8#
 57 31.4 14.9 22.3#
 100 1.9 8.5 12.7#





#59

1,2,3-Trichloropropane

Concen: 4.23 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU023993.D

Acq: 22 May 2018 01:54

Tgt Ion: 75 Resp: 14702

Ion Ratio Lower Upper

75 100

77 36.2 26.2 39.4

