

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
 Data File : VU024615.D
 Acq On : 16 Jun 2018 00:39
 Operator : MD/SY
 Sample : J3527-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DAXQ1

Quant Time: Jun 16 03:45:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 16 03:36:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	297906	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	262096	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	110833	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71852	42.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.28%
7) Chloroethane-d5	1.68	69	62457	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.27	63	113813	33.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.82%
21) 2-Butanone-d5	4.18	46	169030	117.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.44%
24) Chloroform-d	4.65	84	162749	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
26) 1,2-Dichloroethane-d4	5.31	65	107957	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
32) Benzene-d6	5.35	84	333209	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
36) 1,2-Dichloropropane-d6	6.34	67	114072	53.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.76%
41) Toluene-d8	7.57	98	321113	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%
43) trans-1,3-Dichloropropene-	7.85	79	50387	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.28%
47) 2-Hexanone-d5	8.31	63	131976	121.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.09%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158539	51.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.10%
64) 1,2-Dichlorobenzene-d4	11.87	152	116979	54.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

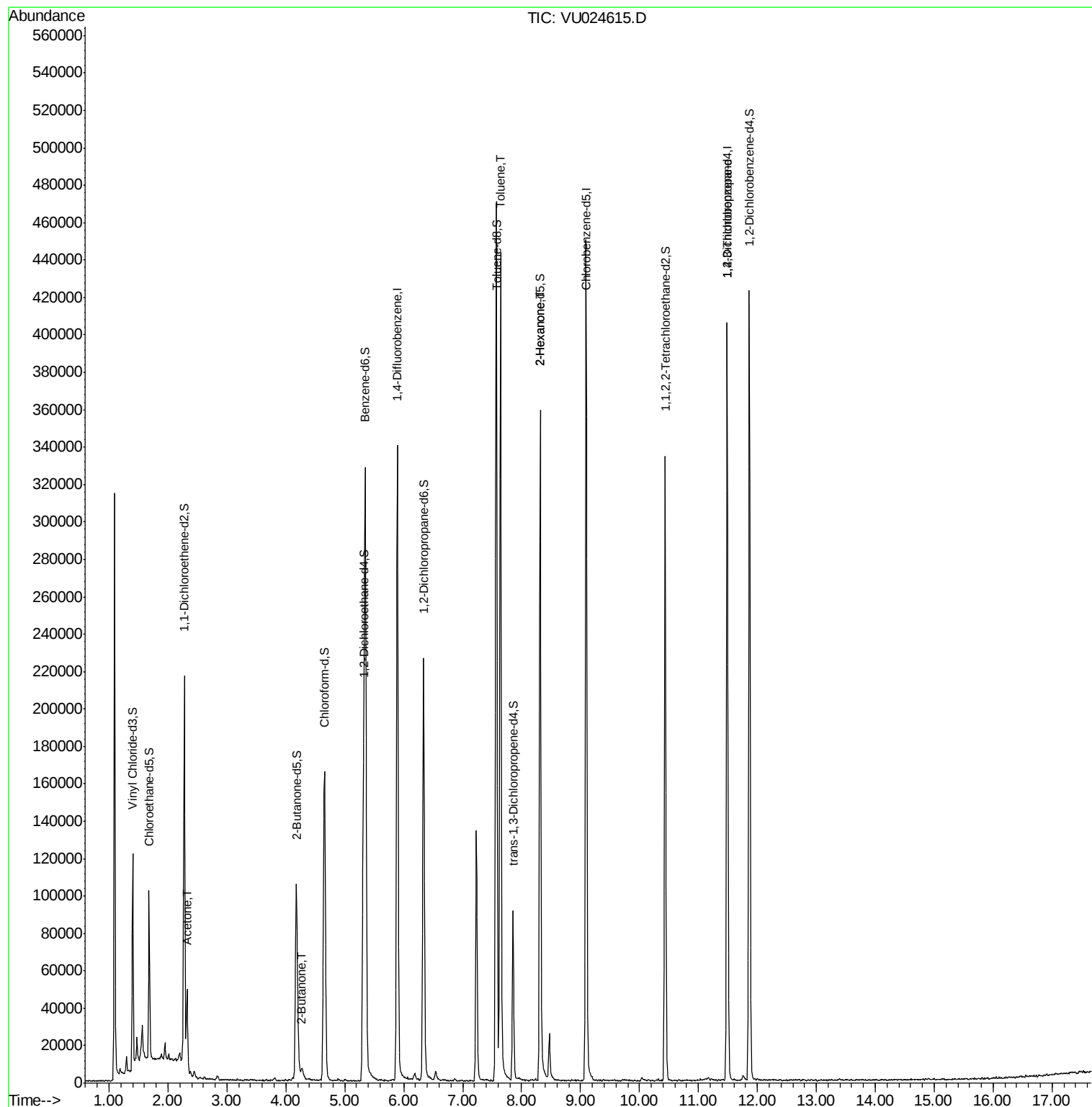
					Qvalue
13) Acetone	2.32	43	43182	28.105 ug/L	99
22) 2-Butanone	4.27	43	9331	4.766 ug/L	100
42) Toluene	7.64	91	328383	38.369 ug/L	99
48) 2-Hexanone	8.31	43	13739	5.319 ug/L #	68
59) 1,2,3-Trichloropropane	11.49	75	12871	4.729 ug/L	91

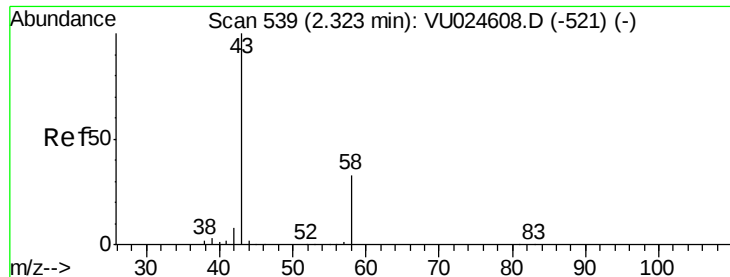
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.105 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024615.D

Acq: 16 Jun 2018 00:39

Instrument :

MSVOA_U

ClientSampleId :

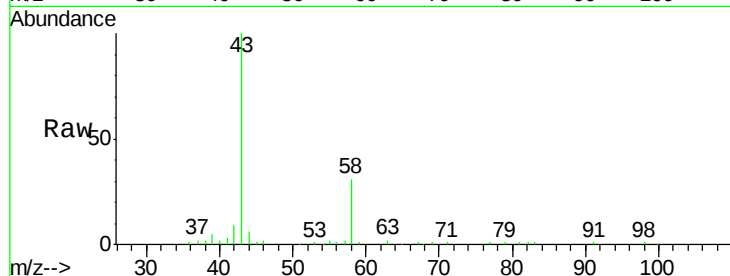
DAXQ1

Tgt Ion: 43 Resp: 43182

Ion Ratio Lower Upper

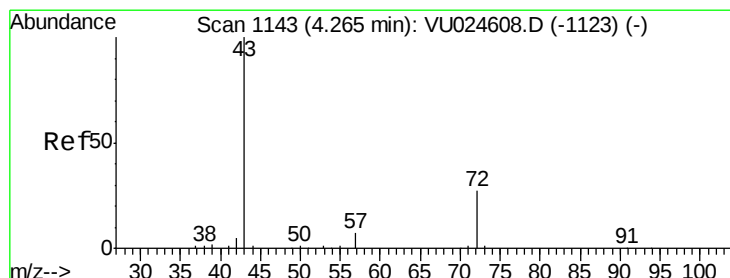
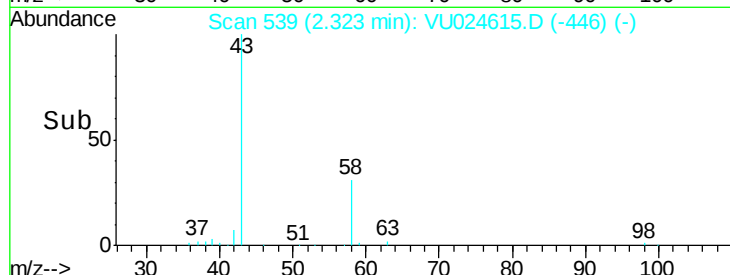
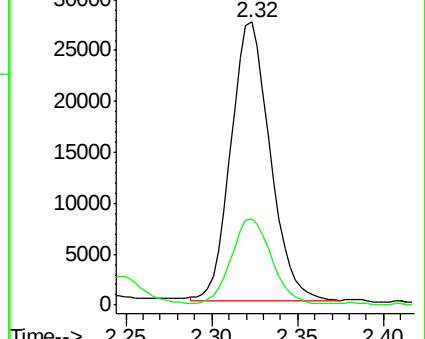
43 100

58 32.7 0.0 64.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#22

2-Butanone

Concen: 4.766 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU024615.D

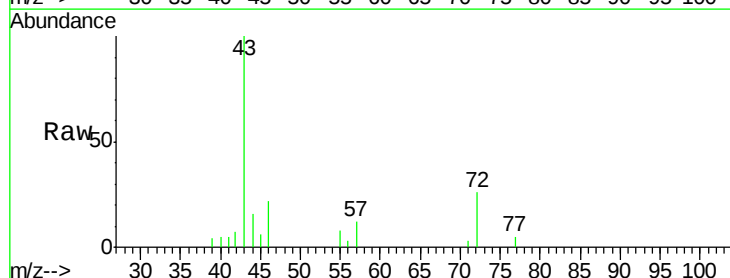
Acq: 16 Jun 2018 00:39

Tgt Ion: 43 Resp: 9331

Ion Ratio Lower Upper

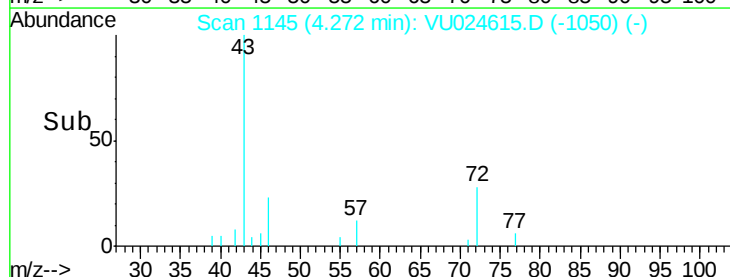
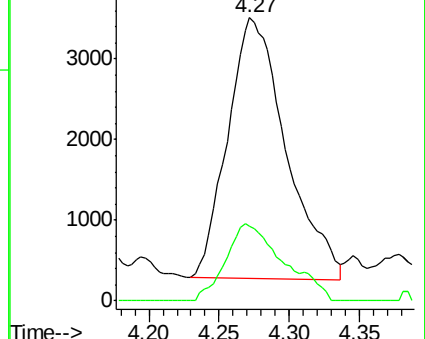
43 100

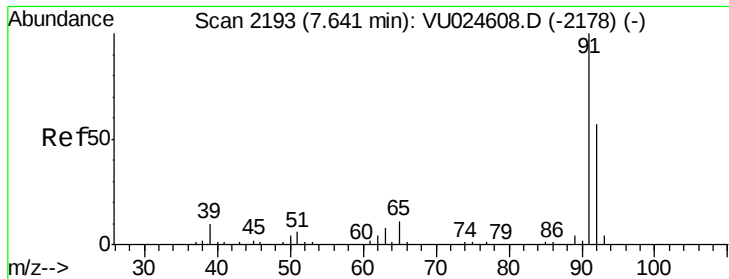
72 26.2 13.1 39.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#42

Toluene

Concen: 38.369 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024615.D

Acq: 16 Jun 2018 00:39

Instrument :

MSVOA_U

ClientSampleId :

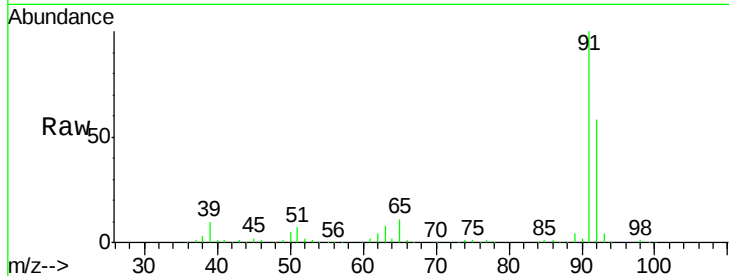
DAXQ1

Tgt Ion: 91 Resp: 328383

Ion Ratio Lower Upper

91 100

92 57.7 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

7.64

200000

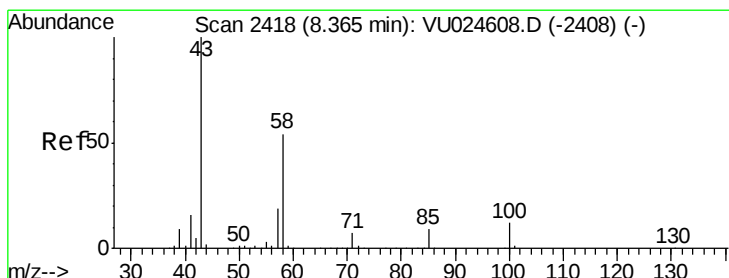
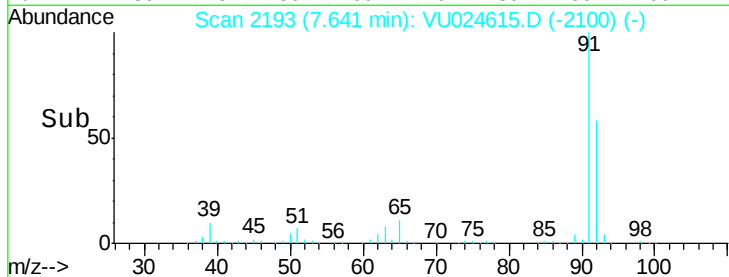
150000

100000

50000

0

Time-->



#48

2-Hexanone

Concen: 5.319 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024615.D

Acq: 16 Jun 2018 00:39

Tgt Ion: 43 Resp: 13739

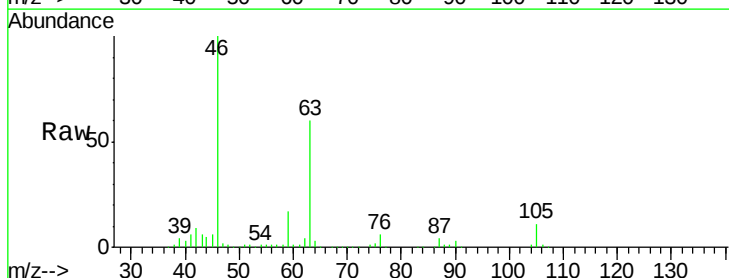
Ion Ratio Lower Upper

43 100

58 25.5 42.6 63.8#

57 25.2 14.7 22.1#

100 0.0 9.0 13.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

8.31

12000

10000

8000

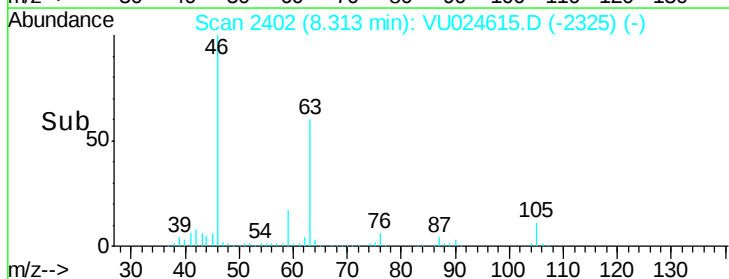
6000

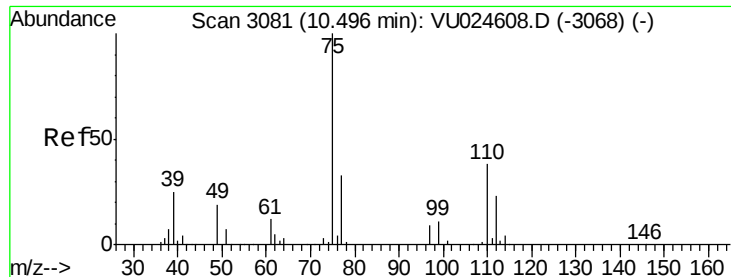
4000

2000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.729 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024615.D

Acq: 16 Jun 2018 00:39

Instrument :

MSVOA_U

ClientSampleId :

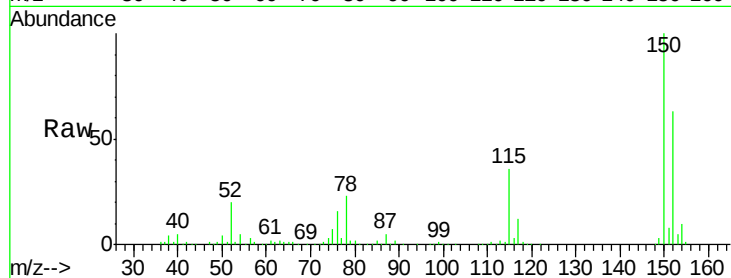
DAXQ1

Tgt Ion: 75 Resp: 12871

Ion Ratio Lower Upper

75 100

77 38.2 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

