

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026591.D
 Acq On : 06 Sep 2018 20:48
 Operator : MD/SY
 Sample : J4749-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FB0

Quant Time: Sep 07 05:30:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	157202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57920	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55477	56.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.92%
7) Chloroethane-d5	1.68	69	48922	55.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.22%
11) 1,1-Dichloroethene-d2	2.27	63	79950	36.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.90%
21) 2-Butanone-d5	4.18	46	87288	115.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.47%
24) Chloroform-d	4.65	84	96356	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.76%
26) 1,2-Dichloroethane-d4	5.31	65	66229	54.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.16%
32) Benzene-d6	5.34	84	195999	58.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.28%
36) 1,2-Dichloropropane-d6	6.33	67	67423	58.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.44%
41) Toluene-d8	7.57	98	169831	52.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.28%
43) trans-1,3-Dichloropropene-	7.85	79	27980	53.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.74%
47) 2-Hexanone-d5	8.31	63	62100	117.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90269	53.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	62421	59.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.80%

Target Compounds

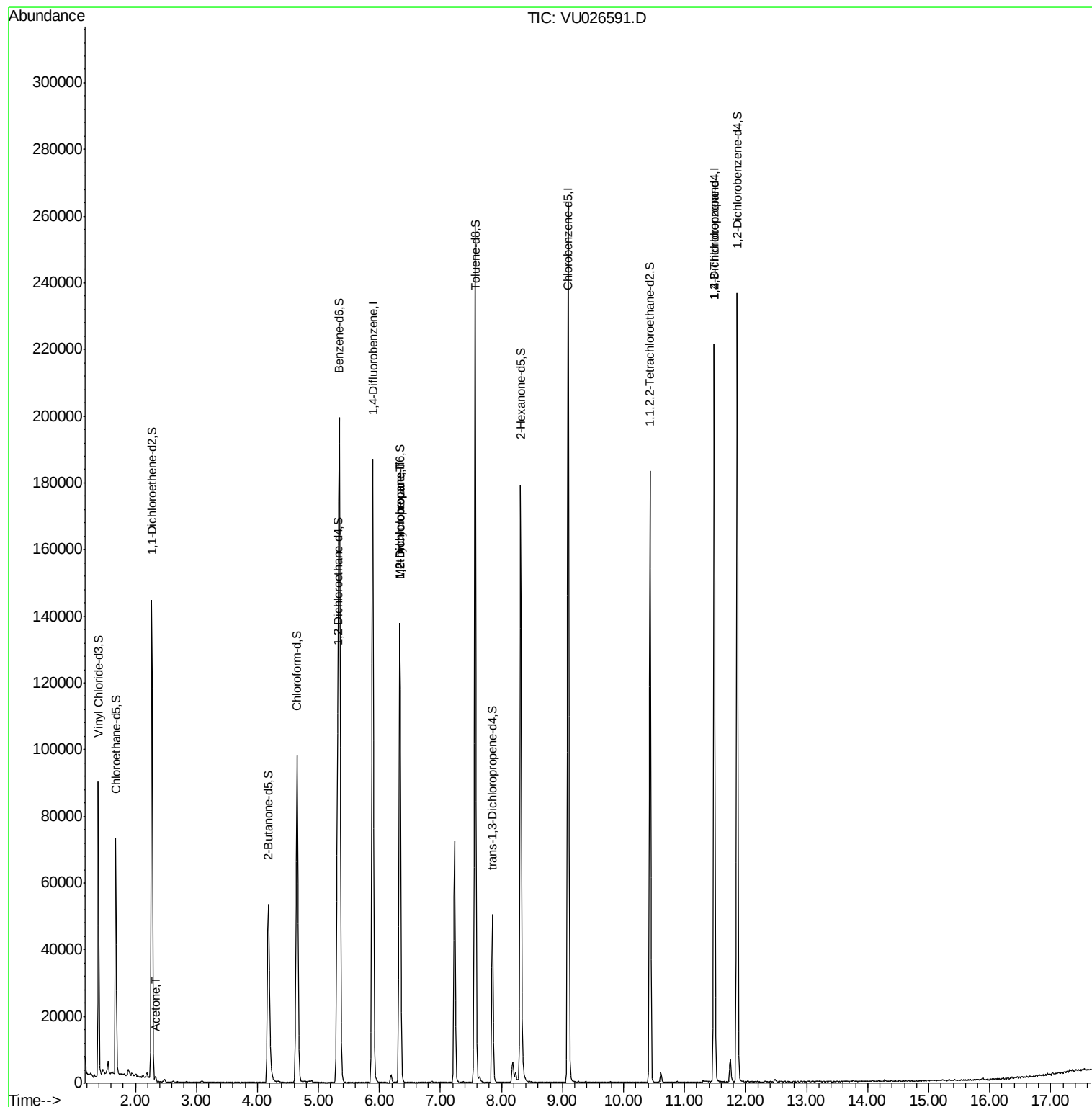
					Qvalue
13) Acetone	2.32	43	804	1.228 ug/L	75
35) Methylcyclohexane	6.33	83	15174	9.319 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7078	6.150 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	6704	4.668 ug/L #	85

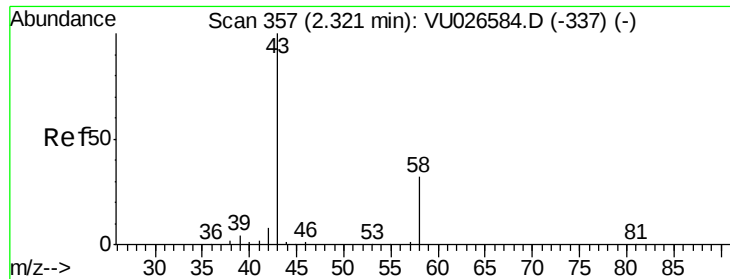
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.228 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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Acq: 06 Sep 2018 20:48

Instrument :

MSVOA_U

ClientSampleId :

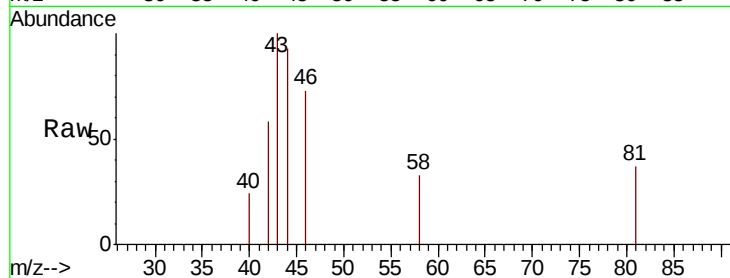
E5FB0

Tgt Ion: 43 Resp: 804

Ion Ratio Lower Upper

43 100

58 17.2 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

500

400

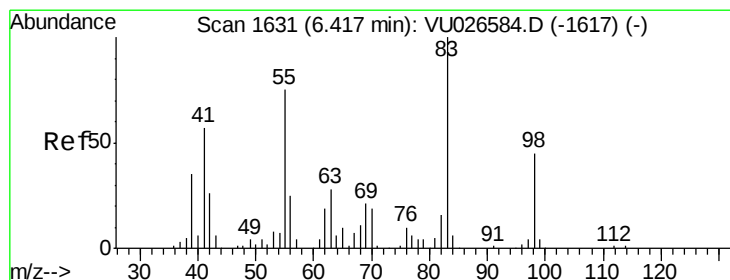
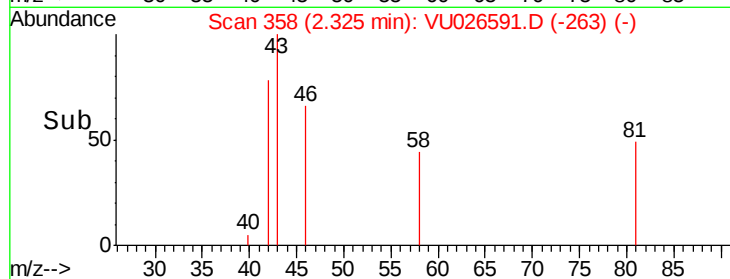
300

200

100

0

Time--> 2.28 2.30 2.32 2.34 2.36



#35

Methylcyclohexane

Concen: 9.319 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.09 min

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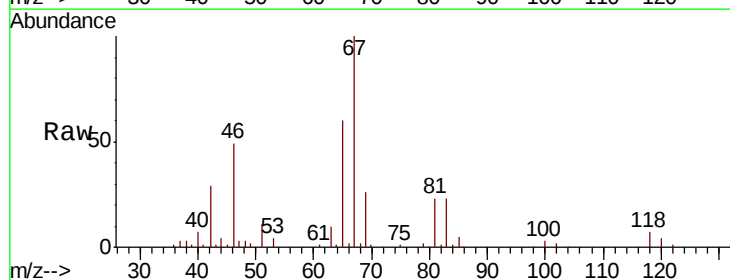
Tgt Ion: 83 Resp: 15174

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

98 0.4 36.7 55.1#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

10000

8000

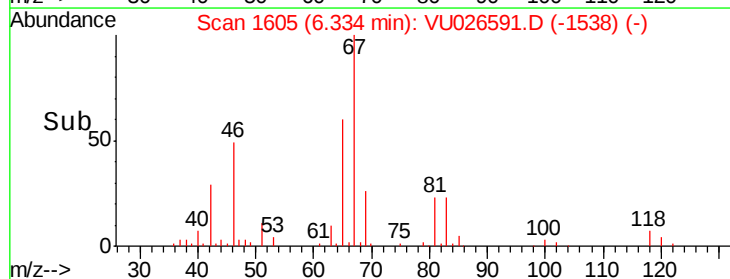
6000

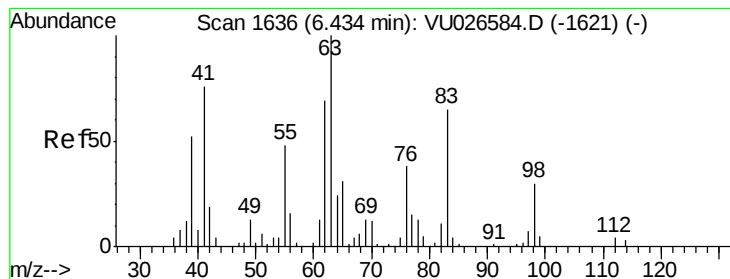
4000

2000

0

Time--> 6.25 6.30 6.35 6.40





#37

1,2-Dichloropropane

Concen: 6.150 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU026591.D

Acq: 06 Sep 2018 20:48

Instrument :

MSVOA_U

ClientSampled :

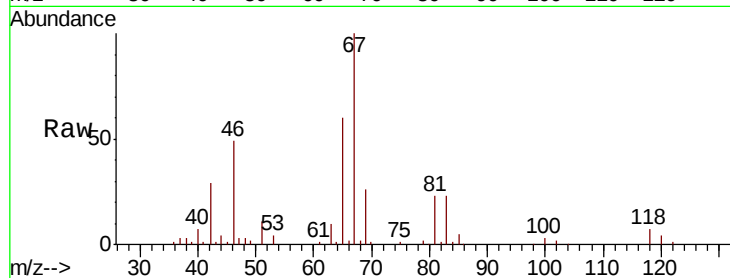
E5FB0

Tgt Ion: 63 Resp: 7078

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU026584.D (-1621) (-)

Ion 112.00 (111.70 to 112.70): VU026584.D (-1621) (-)

6.33

4000

3000

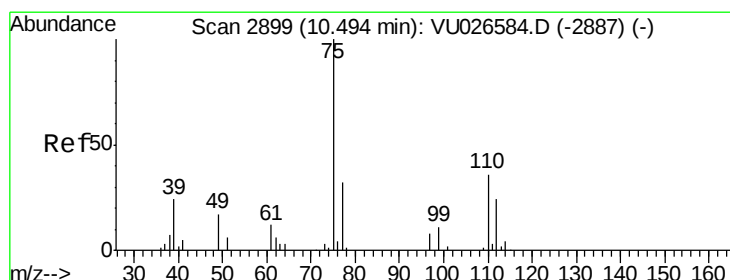
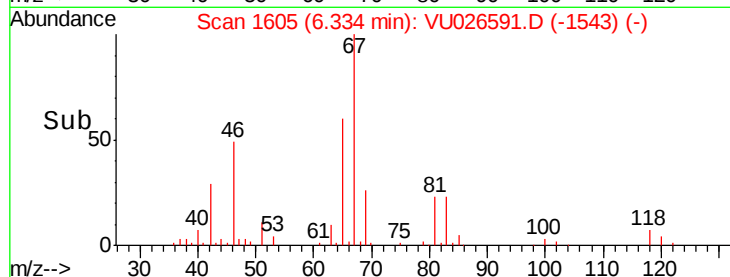
2000

1000

0

6.30 6.35 6.40

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.668 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026591.D

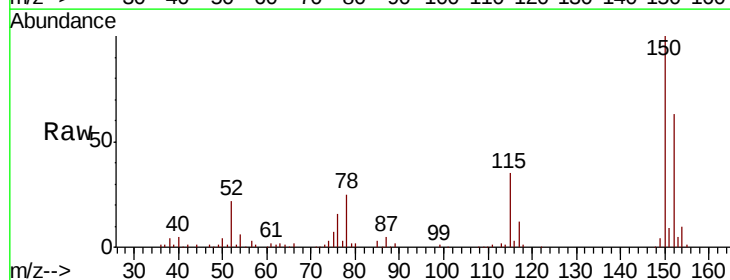
Acq: 06 Sep 2018 20:48

Tgt Ion: 75 Resp: 6704

Ion Ratio Lower Upper

75 100

77 39.9 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU026584.D (-2887) (-)

Ion 77.00 (76.70 to 77.70): VU026584.D (-2887) (-)

11.48

5000

4000

3000

2000

1000

0

11.45 11.50

Time-->

