

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007940.D
 Acq On : 28 Sep 2018 06:19
 Operator : SY/MD
 Sample : J5062-10
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 07:48:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84441	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40872	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19633	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.59	69	18938	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.14	63	34033	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.96	46	65749	48.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.41	84	47980	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.09	65	27147	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	93270	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.13	67	29733	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	87703	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.67	79	9568	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.14	63	51941	49.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22561	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	37567	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

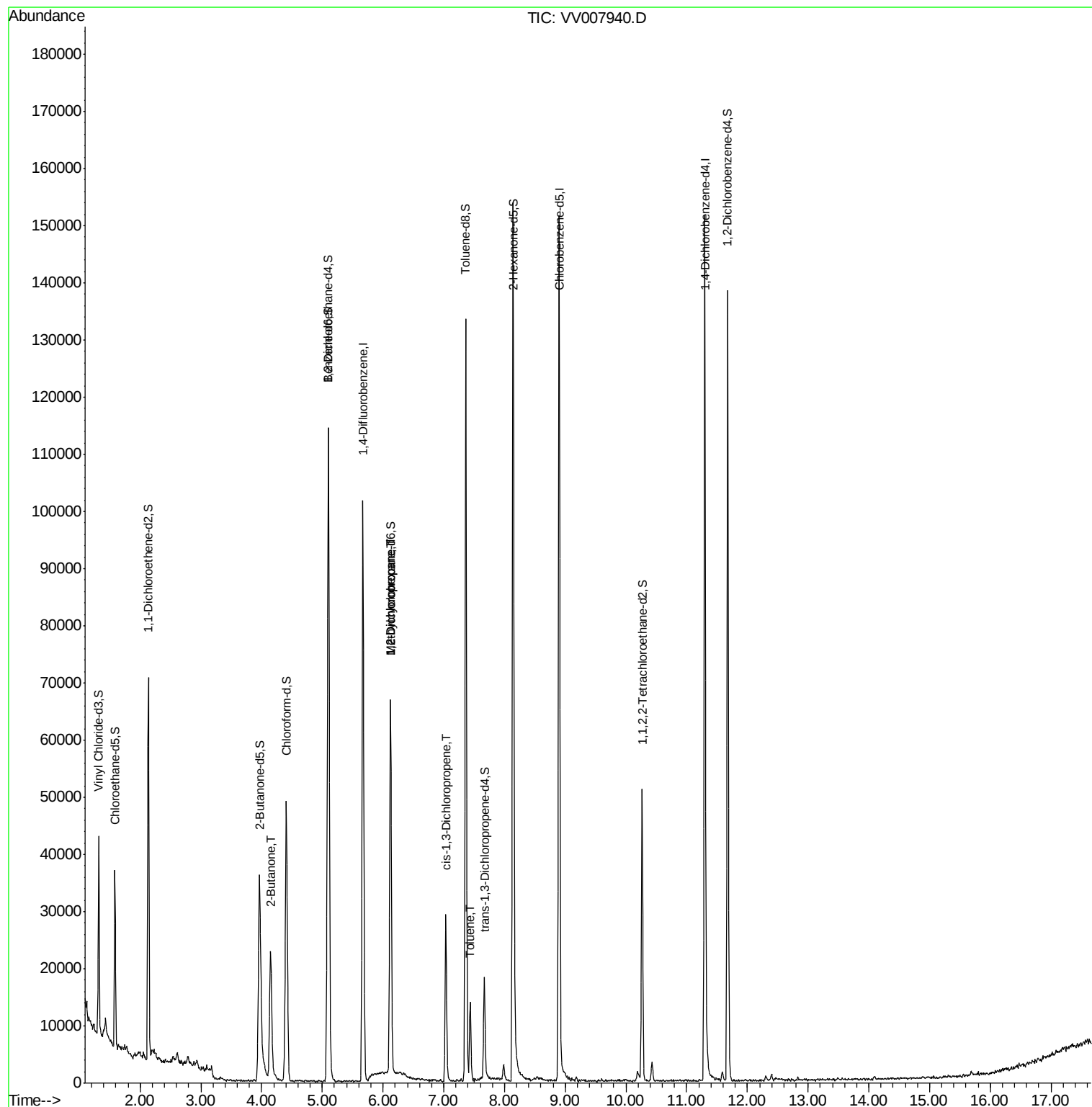
				Ovalue	
21) 2-Butanone	4.15	43	35638	22.548	ug/L # 50
35) Methylcyclohexane	6.13	83	7238	0.719	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	3502	0.584	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	697	0.087	ug/L # 63
42) Toluene	7.43	91	9704	0.380	ug/L 97

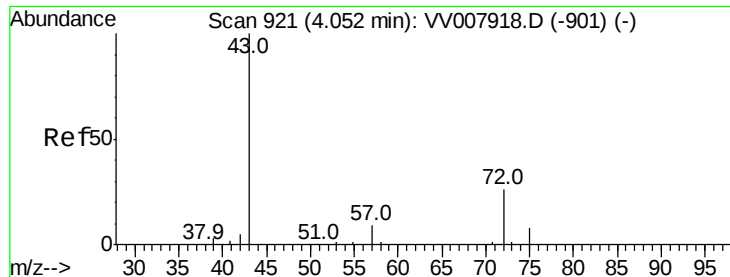
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 22.548 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007940.D

Acq: 28 Sep 2018 06:19

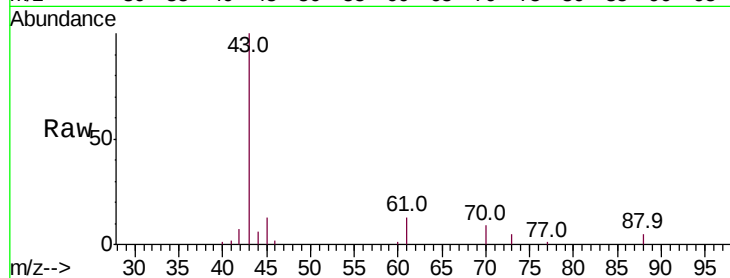
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 35638

Ion Ratio Lower Upper

43 100

72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-901) (-)

Ion 72.10 (71.80 to 72.80): VV007918.D (-901) (-)

15000

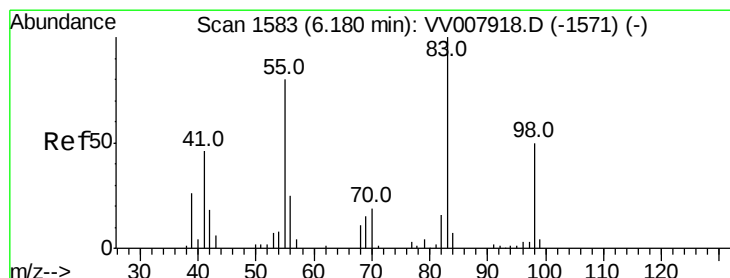
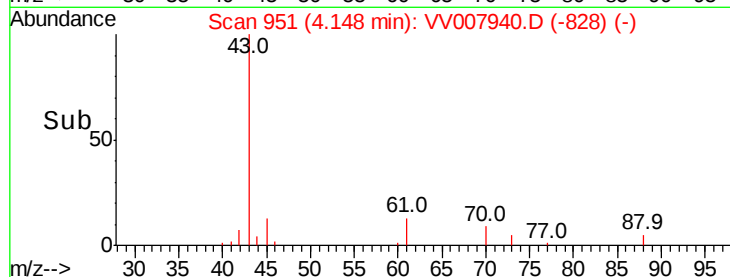
10000

5000

0

4.10 4.15 4.20 4.30

Time-->



#35

Methylcyclohexane

Concen: 0.719 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007940.D

Acq: 28 Sep 2018 06:19

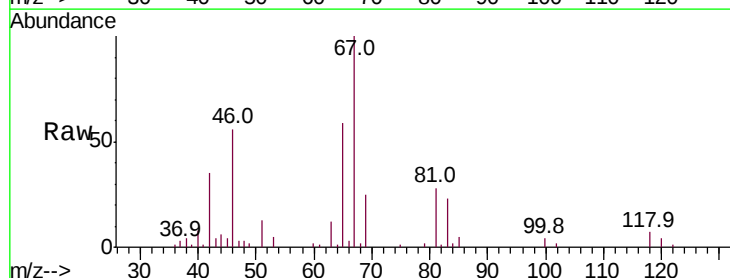
Tgt Ion: 83 Resp: 7238

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 0.0 38.0 57.0#



Abundance Ion 83.15 (82.85 to 83.85): VV007918.D (-1571) (-)

Ion 55.10 (54.80 to 55.80): VV007918.D (-1571) (-)

Ion 98.15 (97.85 to 98.85): VV007918.D (-1571) (-)

4000

3000

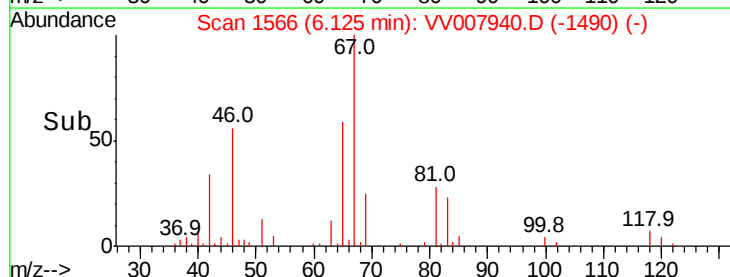
2000

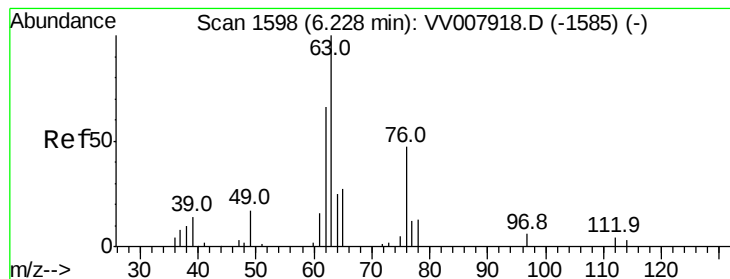
1000

0

6.05 6.10 6.15

Time-->





#37

1,2-Dichloropropane

Concen: 0.584 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007940.D

Acq: 28 Sep 2018 06:19

Instrument :

MSVOA_V

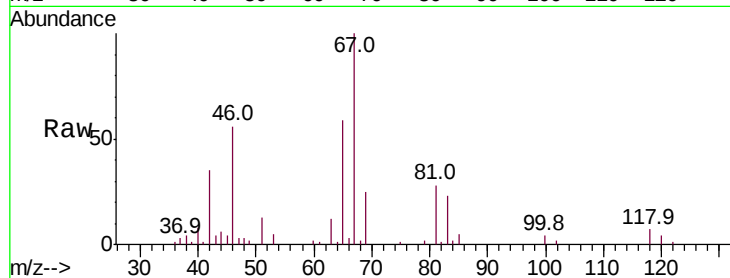
ClientSampleId :

Tot Ion: 63 Resp: 3502

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

6.13

2000

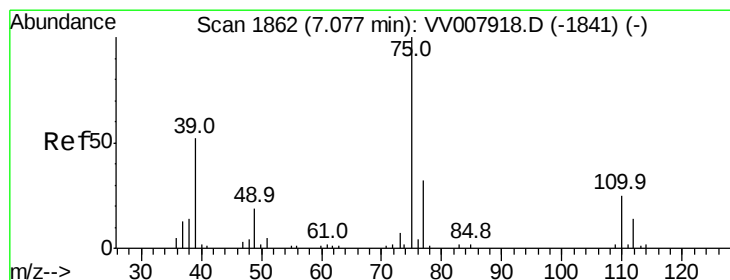
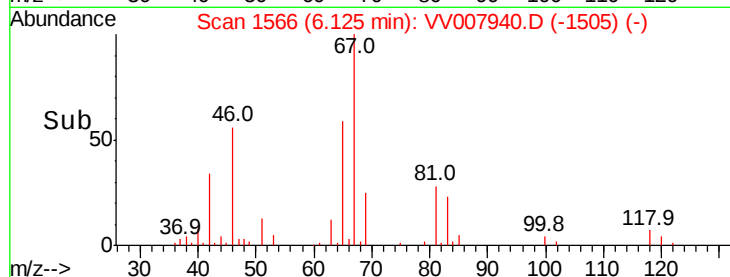
1500

1000

500

0

Time--> 6.05 6.10 6.15



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.05 min

Lab File: VV007940.D

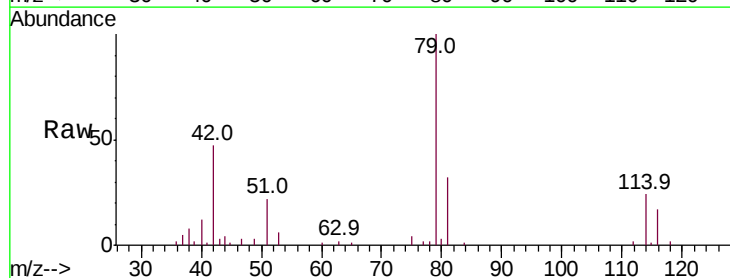
Acq: 28 Sep 2018 06:19

Tgt Ion: 75 Resp: 697

Ion Ratio Lower Upper

75 100

77 53.8 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

400

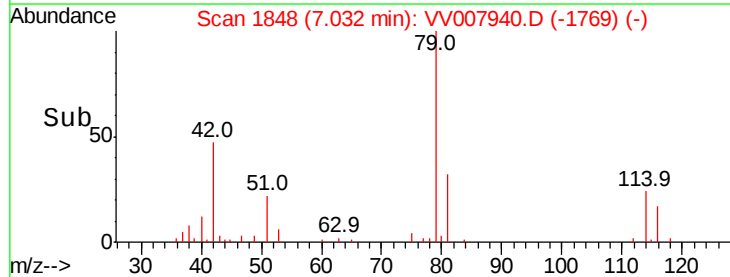
300

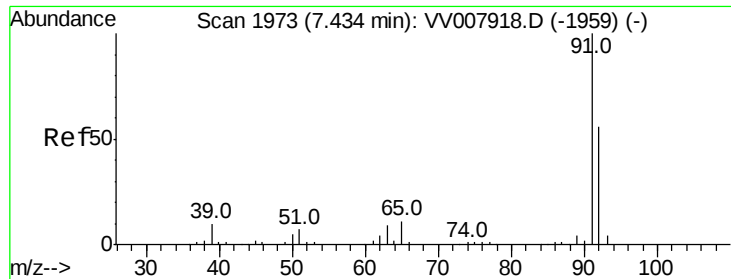
200

100

0

Time--> 7.00 7.02 7.04 7.06





#42

Toluene

Concen: 0.380 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV007940.D

Acq: 28 Sep 2018 06:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 9704

Ion Ratio Lower Upper

91 100

92 60.4 40.8 75.8

