

Data File : VV012538.D
Acq On : 02 Sep 2019 19:35
Operator : SY/MD
Sample : K4605-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AA0

Quant Time: Sep 03 05:49:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	140994	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143090	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54878	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8440	0.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	12.40%#
7) Chloroethane-d5	1.59	69	13426	0.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	19.80%#
11) 1,1-Dichloroethene-d2	2.13	63	27656	0.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	16.60%#
20) 2-Butanone-d5	3.95	46	117342	44.97	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.94%
24) Chloroform-d	4.40	84	66574	3.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.20%#
26) 1,2-Dichloroethane-d4	5.08	65	29271	2.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.60%#
32) Benzene-d6	5.10	84	82089	2.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	40.80%#
36) 1,2-Dichloropropane-d6	6.12	67	39662	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	62.60%
41) Toluene-d8	7.36	98	73566	2.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	40.40%#
43) trans-1,3-Dichloropropene-	7.67	79	12895	2.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.80%
46) 2-Hexanone-d5	8.14	63	61568	35.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37237	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	43235	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

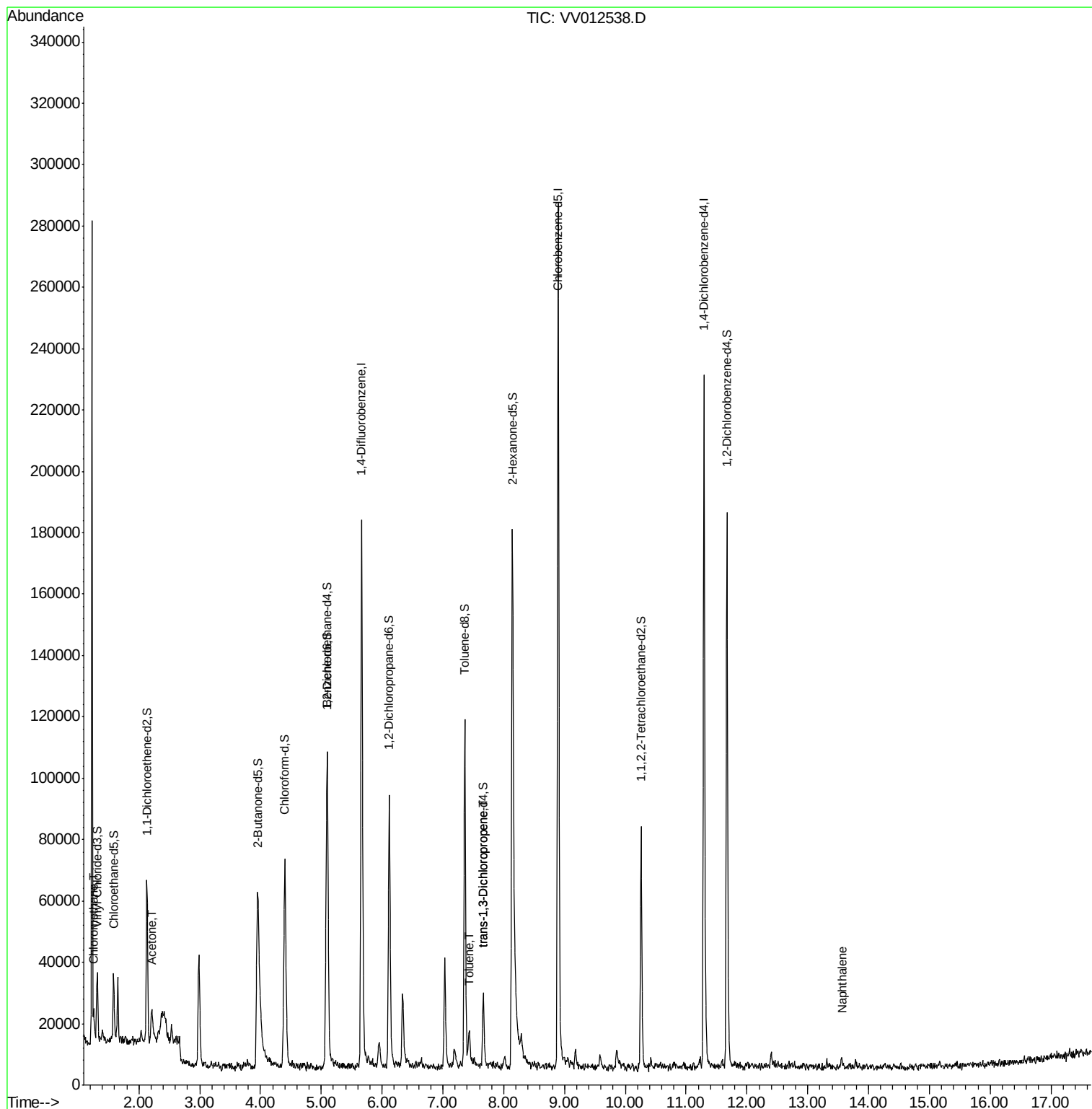
Target Compounds					Qvalue
3) Chloromethane	1.25	50	5388	0.252 ug/L	96
13) Acetone	2.21	43	15538	4.196 ug/L	96
42) Toluene	7.43	91	7926	0.124 ug/L	92
44) trans-1,3-Dichloropropene	7.67	75	928	0.057 ug/L #	60
69) Naphthalene	13.56	128	1816	0.097 ug/L #	79

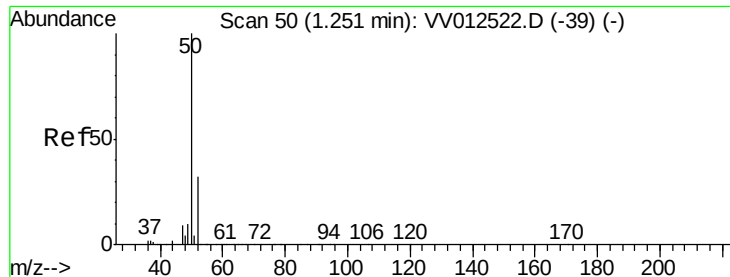
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.252 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

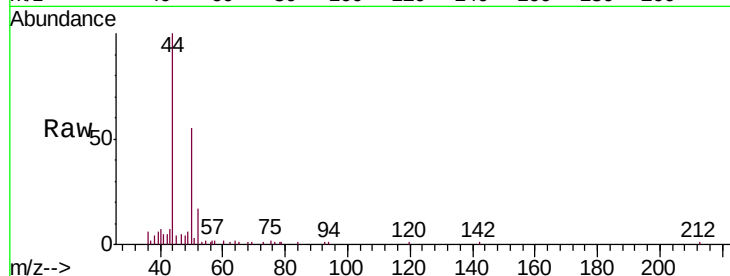
C0AA0

Tgt Ion: 50 Resp: 5388

Ion Ratio Lower Upper

50 100

52 31.3 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

6000

5000

4000

3000

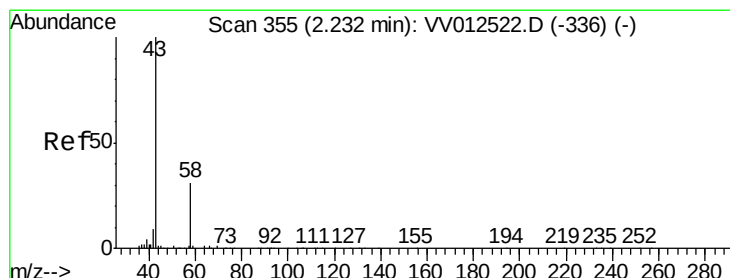
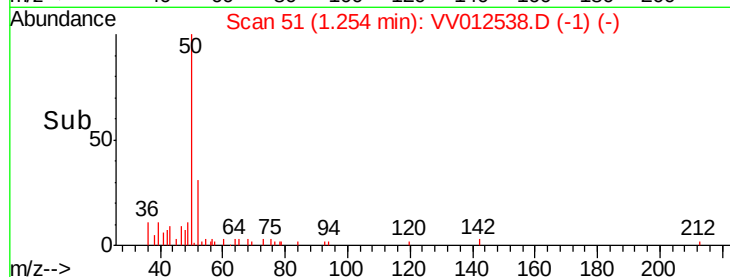
2000

1000

0

1.22 1.24 1.26 1.28 1.30

Time-->



#13

Acetone

Concen: 4.196 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

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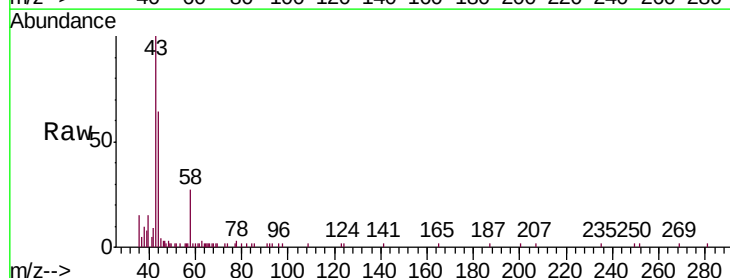
Acq: 02 Sep 2019 19:35

Tgt Ion: 43 Resp: 15538

Ion Ratio Lower Upper

43 100

58 27.0 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

8000

6000

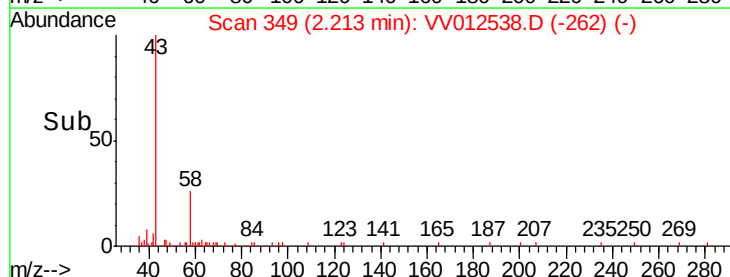
4000

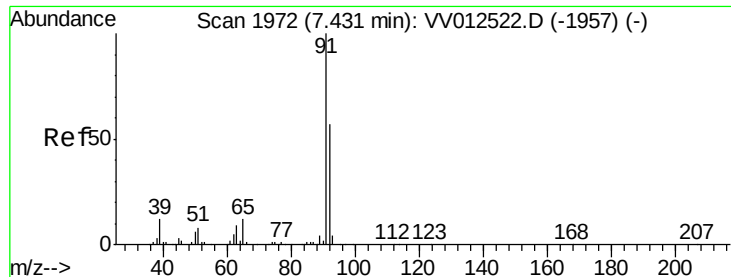
2000

0

2.15 2.20 2.25 2.30

Time-->





#42

Toluene

Concen: 0.124 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

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ClientSampleId :

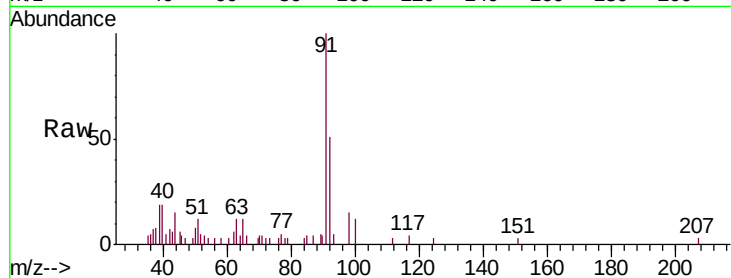
C0AA0

Tgt Ion: 91 Resp: 7926

Ion Ratio Lower Upper

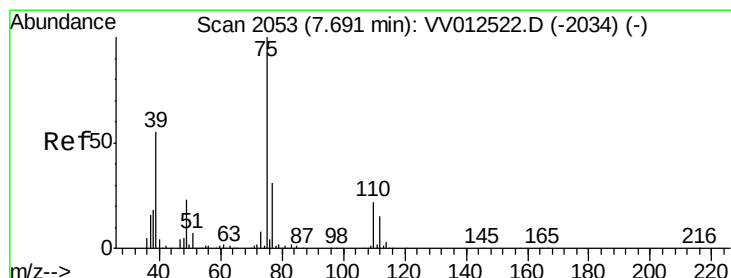
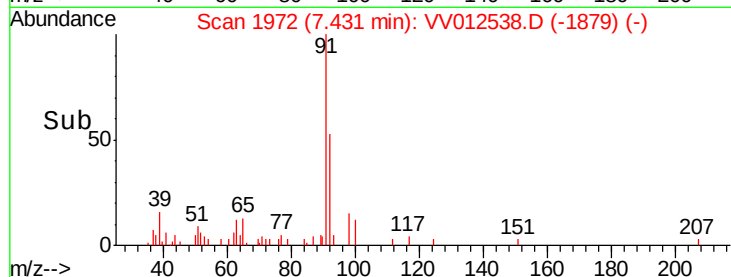
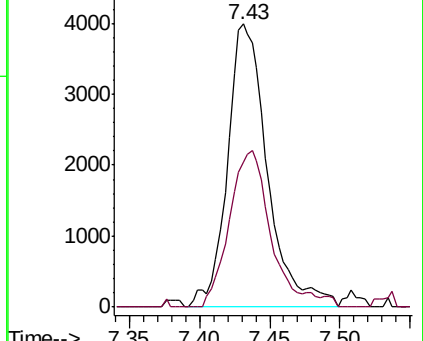
91 100

92 51.1 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.057 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

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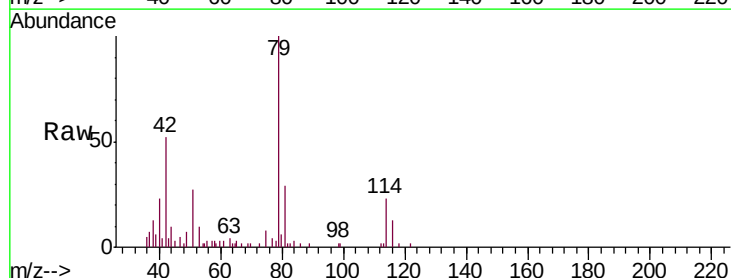
Acq: 02 Sep 2019 19:35

Tgt Ion: 75 Resp: 928

Ion Ratio Lower Upper

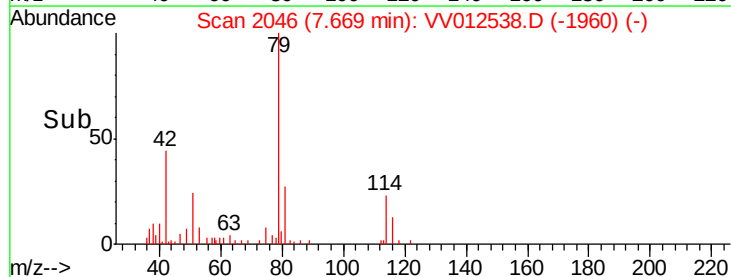
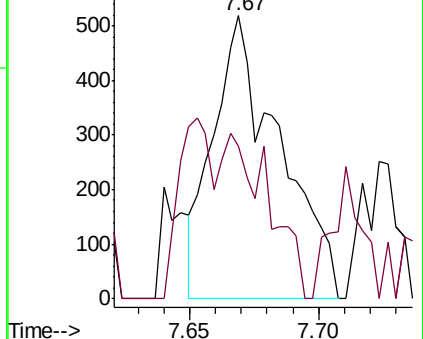
75 100

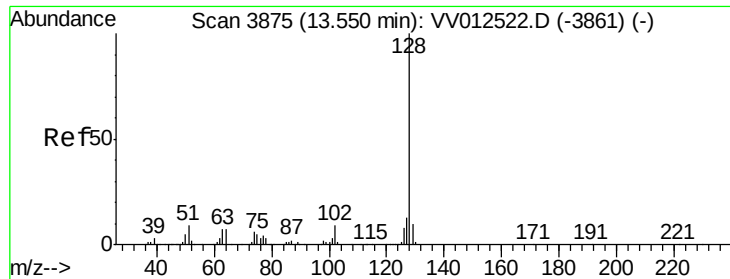
77 53.9 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#69

Naphthalene

Concen: 0.097 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

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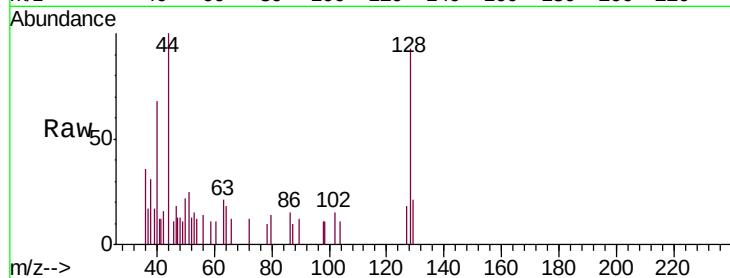
Tgt Ion:128 Resp: 1816

Ion Ratio Lower Upper

128 100

129 9.9 8.8 13.2

127 28.2 11.0 16.4#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

