

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031819\
 Data File : VV009758.D
 Acq On : 18 Mar 2019 14:58
 Operator : SY/MD
 Sample : K1918-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09A2

Quant Time: Mar 19 04:54:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 12:32:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	142515	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134287	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52612	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44914	46.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.48%
7) Chloroethane-d5	1.56	69	35841	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.12%
11) 1,1-Dichloroethene-d2	2.12	63	72964	35.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.32%
21) 2-Butanone-d5	3.93	46	57393	100.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.28%
24) Chloroform-d	4.40	84	83303	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
26) 1,2-Dichloroethane-d4	5.08	65	53096	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
32) Benzene-d6	5.10	84	179191	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
36) 1,2-Dichloropropane-d6	6.12	67	52818	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.88%
41) Toluene-d8	7.36	98	165049	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%
43) trans-1,3-Dichloropropene-	7.66	79	23917	47.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.68%
47) 2-Hexanone-d5	8.13	63	41214	94.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	74085	45.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	56280	52.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.74%

Target Compounds

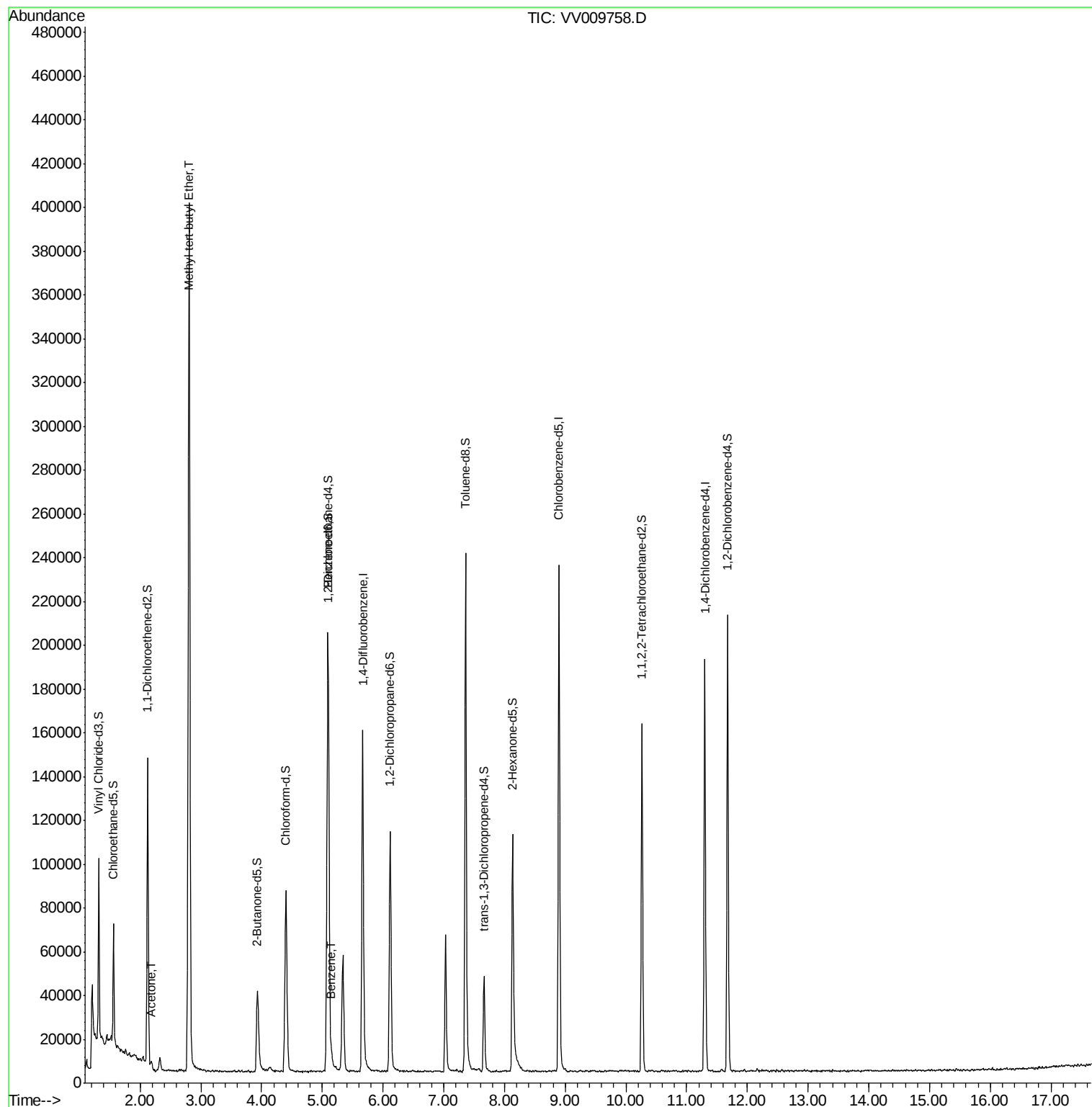
					Ovalue
13) Acetone	2.19	43	2312	4.265 ug/L	92
18) Methyl tert-butyl Ether	2.81	73	416492	144.811 ug/L	98
33) Benzene	5.15	78	5419	1.478 ug/L	100

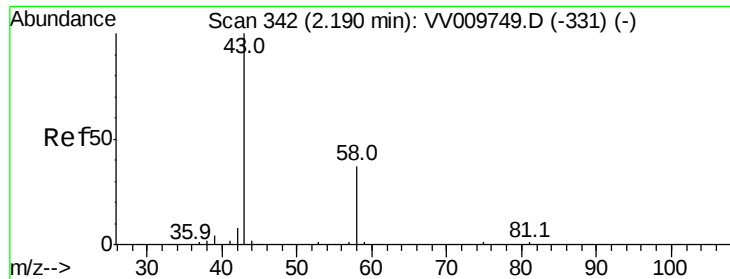
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.265 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV009758.D

Acq: 18 Mar 2019 14:58

Instrument :

MSVOA_V

ClientSampled :

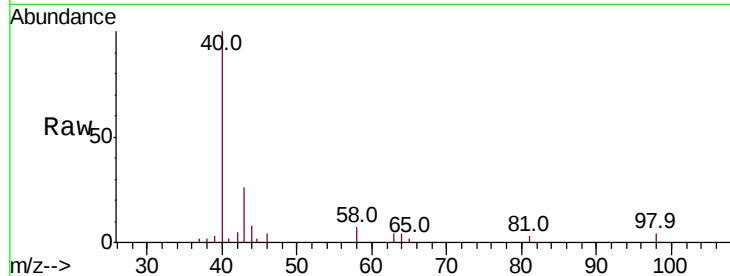
C09A2

Tot Ion: 43 Resp: 2312

Ion Ratio Lower Upper

43 100

58 29.1 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VV009749.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009749.D (-331) (-)

2.19

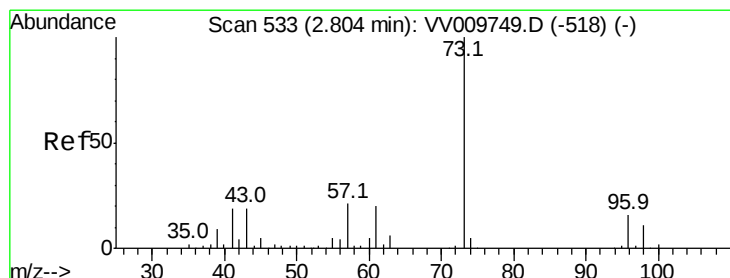
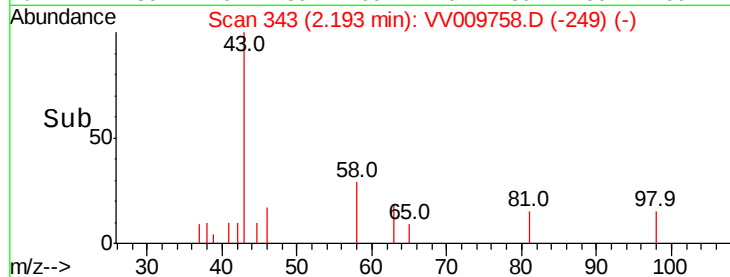
1500

1000

500

0

Time-->



#18

Methyl tert-butyl Ether

Concen: 144.811 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

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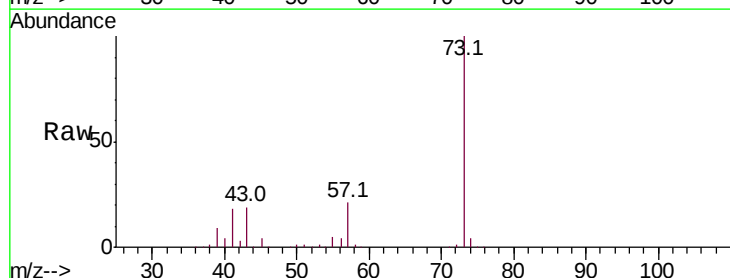
Tgt Ion: 73 Resp: 416492

Ion Ratio Lower Upper

73 100

43 18.4 15.2 22.8

57 20.6 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VV009749.D (-518) (-)

Ion 43.00 (42.70 to 43.70): VV009749.D (-518) (-)

Ion 57.00 (56.70 to 57.70): VV009749.D (-518) (-)

250000

200000

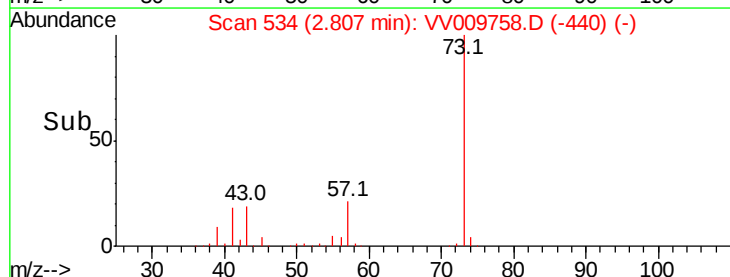
150000

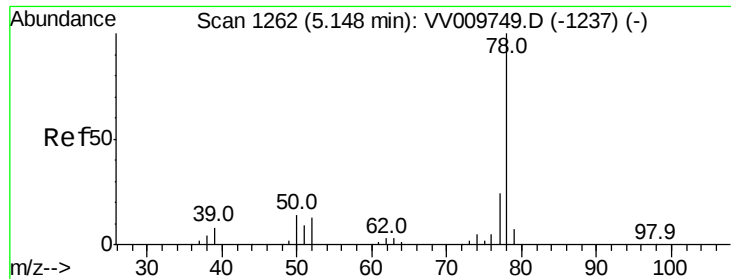
100000

50000

0

Time-->





#33

Benzene

Concen: 1.478 ug/L

RT: 5.15 min Scan# 1263

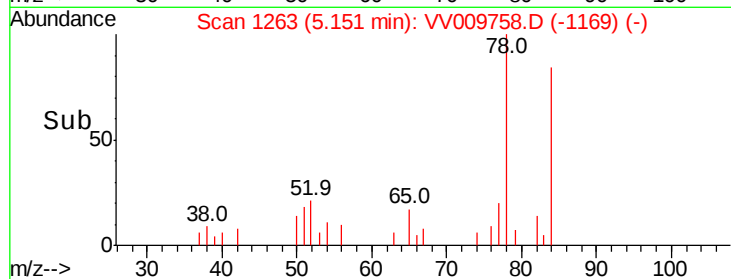
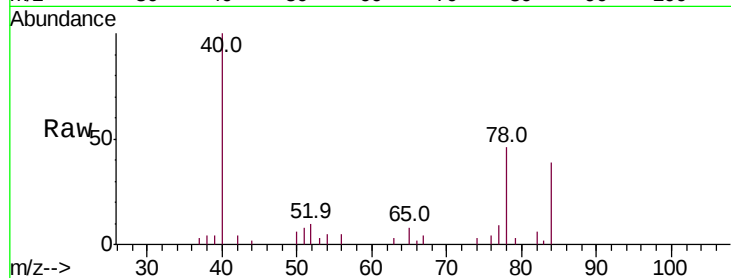
Delta R.T. 0.00 min

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Tgt Ion: 78 Resp: 5419



Abundance Ion 78.00 (77.70 to 78.70): VV0

