

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013739.D
 Acq On : 25 Oct 2019 11:19
 Operator : SY/VA
 Sample : K5535-05
 Misc : 6.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK27

Quant Time: Oct 26 04:05:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	361141	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275147	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	93476	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131872	29.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.04%
7) Chloroethane-d5	2.89	69	107681	26.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.16%
10) 1,1-Dichloroethene-d2	4.02	63	191979	19.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.48%
20) 2-Butanone-d5	7.08	46	59960	37.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.68%
24) Chloroform-d	7.65	84	251355	24.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	8.30	65	125130	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.72%
29) Benzene-d6	8.27	84	544536	32.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.76%
33) 1,2-Dichloropropane-d6	9.27	67	159217	32.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.00%#
37) Toluene-d8	10.32	98	472576	31.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	124.00%
38) trans-1,3-Dichloropropene-	10.58	79	53705	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.44%
39) 2-Hexanone-d5	10.93	63	44753	47.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95984	23.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	87893	26.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.44%

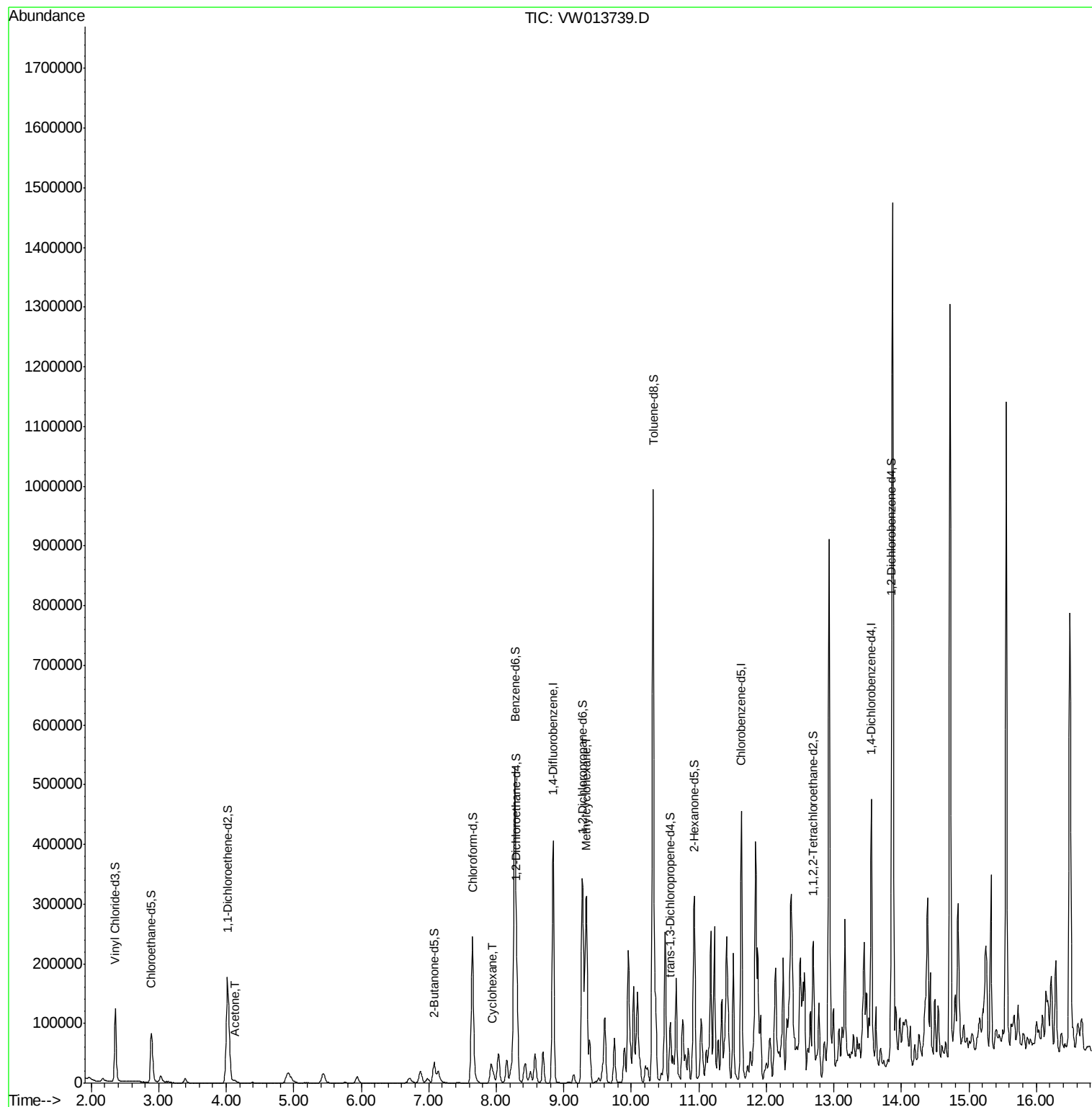
Target Compounds					Ovalue
13) Acetone	4.13	43	4914	2.794 ug/L	57
30) Cyclohexane	7.95	56	15691m	1.947 ug/L	
36) Methylcyclohexane	9.34	83	123475	13.830 ug/L #	83

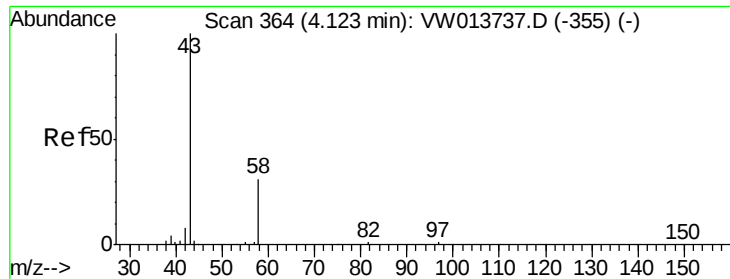
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 26 03:37:49 2019
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#13

Acetone

Concen: 2.794 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013739.D

Acq: 25 Oct 2019 11:19

Instrument :

MSVOA_W

ClientSampled :

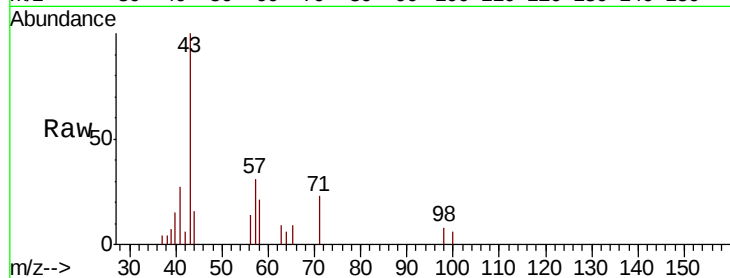
BEK27

Tot Ion: 43 Resp: 4914

Ion Ratio Lower Upper

43 100

58 9.9 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

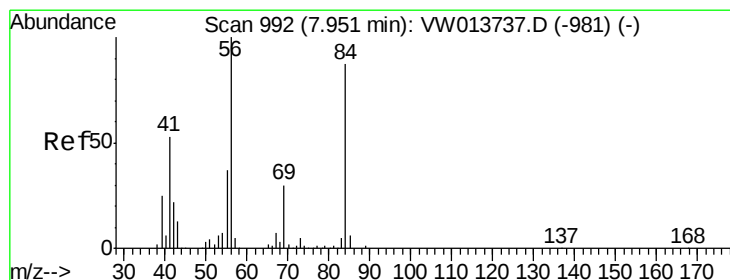
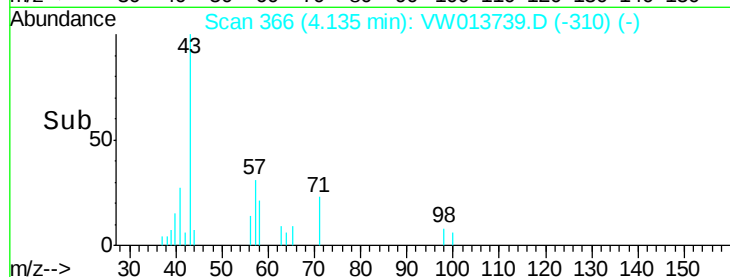
1500

1000

500

0

Time-->



#30

Cyclohexane

Concen: 1.947 ug/L m

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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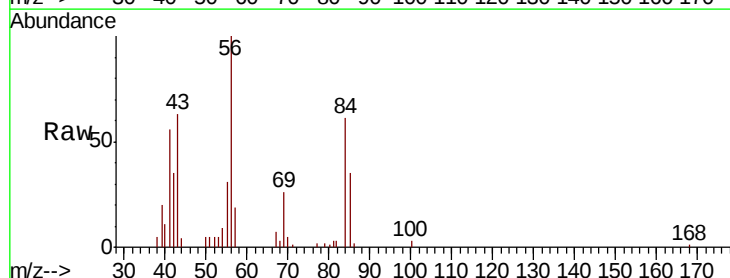
Tgt Ion: 56 Resp: 15691

Ion Ratio Lower Upper

56 100

69 18.8 24.6 37.0#

84 60.5 71.1 106.7#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

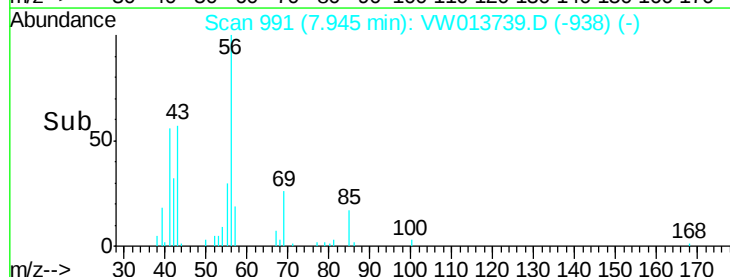
7.95

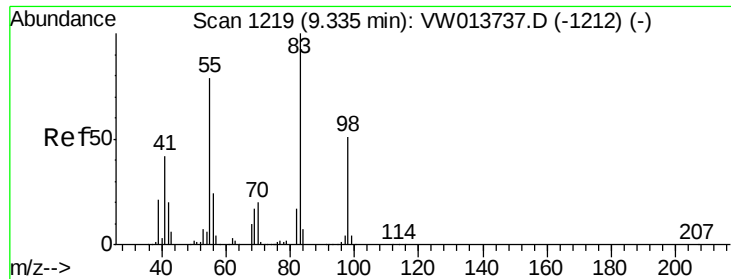
10000

5000

0

Time-->





#36
Methvlcvclohexane
Concen: 13.830 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013739.D
Acq: 25 Oct 2019 11:19

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Tot Ion: 83 Resp: 123475
Ion Ratio Lower Upper
83 100
55 98.2 60.2 90.4#
98 48.1 39.1 58.7

