

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042219\
 Data File : VW010087.D
 Acq On : 22 Apr 2019 18:00
 Operator : SY/VA
 Sample : K2455-18RE
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR8RE

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:34:05 AM

Quant Time: Apr 23 07:45:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	336486	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	280062	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	121912	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70069	22.04	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.16%
7) Chloroethane-d5	2.89	69	55712	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.20%
10) 1,1-Dichloroethene-d2	3.99	63	147387	16.71	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	7.08	46	65571	38.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.24%
24) Chloroform-d	7.65	84	190247	19.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.24%
26) 1,2-Dichloroethane-d4	8.30	65	112101	18.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.28%
29) Benzene-d6	8.27	84	379791	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	9.27	67	120806	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.56%
37) Toluene-d8	10.32	98	330112	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.04%
38) trans-1,3-Dichloropropene-	10.58	79	48810	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.00%
39) 2-Hexanone-d5	10.93	63	51736	47.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96005	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	103790m	22.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.60%

Target Compounds					Ovalue
13) Acetone	4.12	43	20946	13.694 ug/L	78
16) Methylene chloride	4.90	84	19403	3.185 ug/L	96
57) Isopropylbenzene	12.46	105	110088	6.022 ug/L	96

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

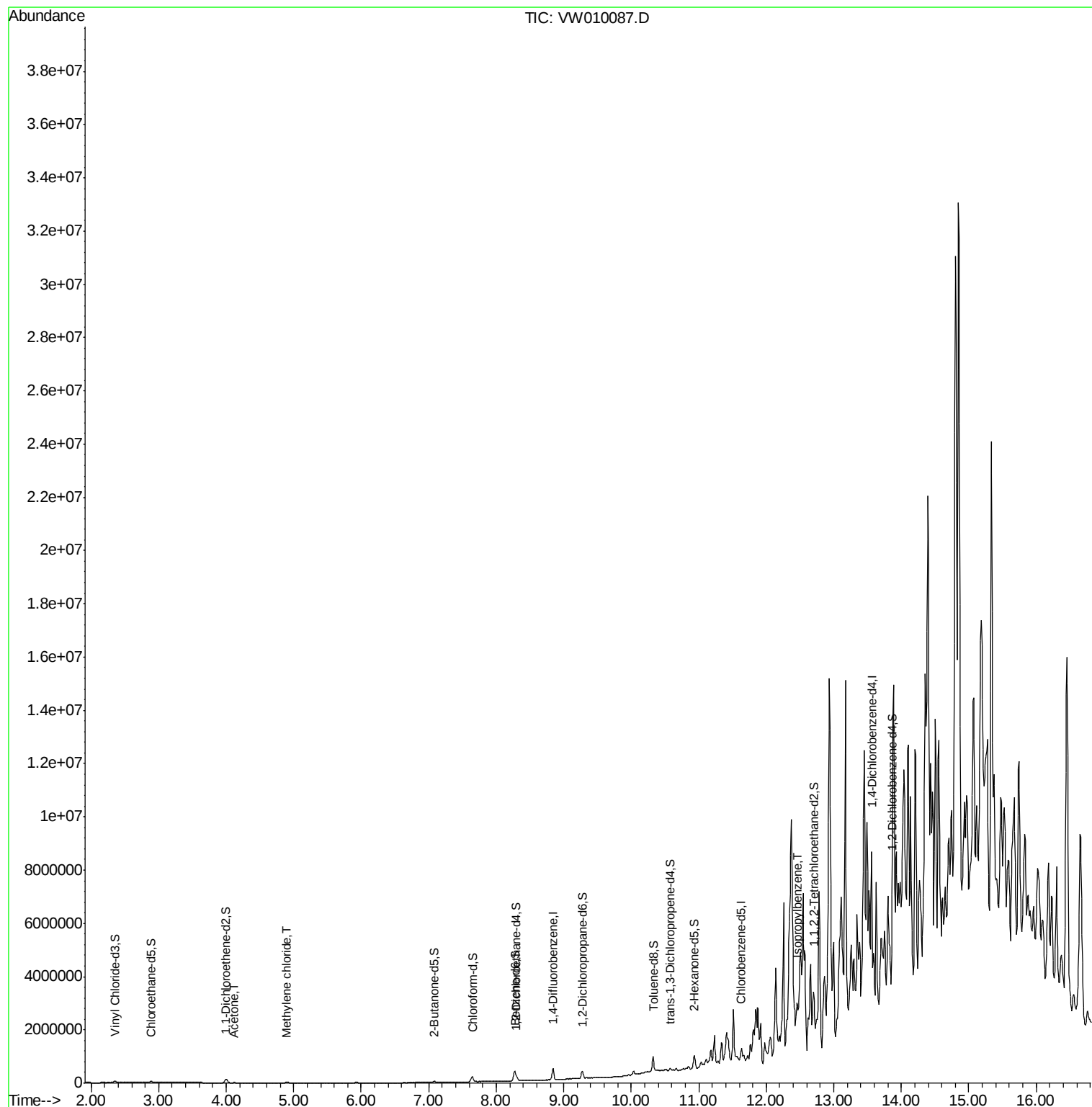
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042219\
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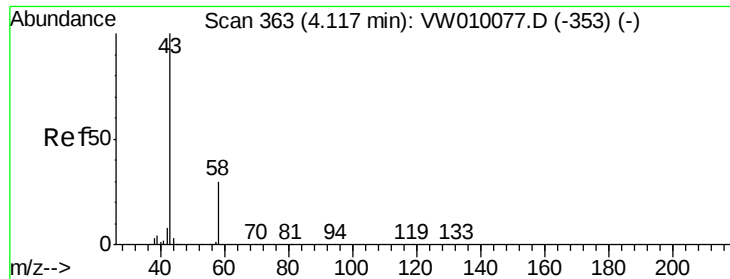
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Response via : Initial Calibration





#13

Acetone

Concen: 13.694 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 22 Apr 2019 18:00

Instrument :

MSVOA_W

ClientSampleId :

GAHR8RE

Tot Ion: 43 Resp: 20946

Ion Ratio Lower Upper

43 100

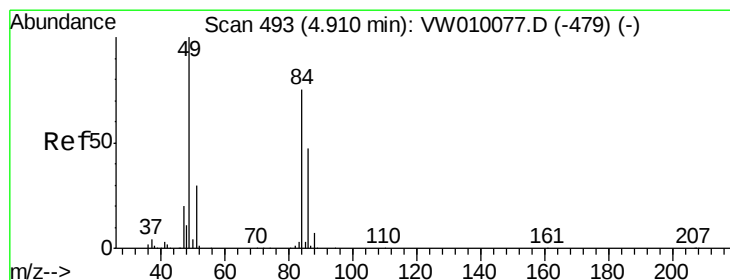
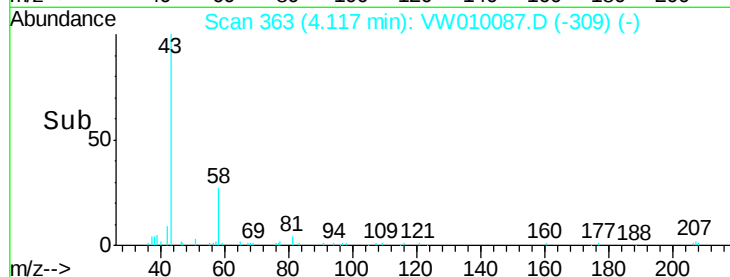
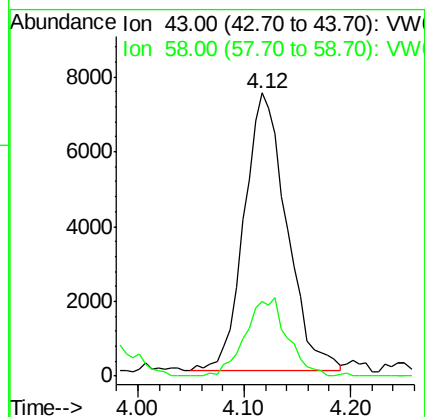
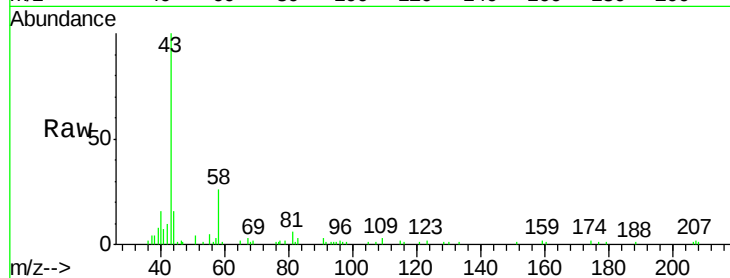
58 16.5 0.0 56.2

Manual Integrations

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#16

Methylene chloride

Concen: 3.185 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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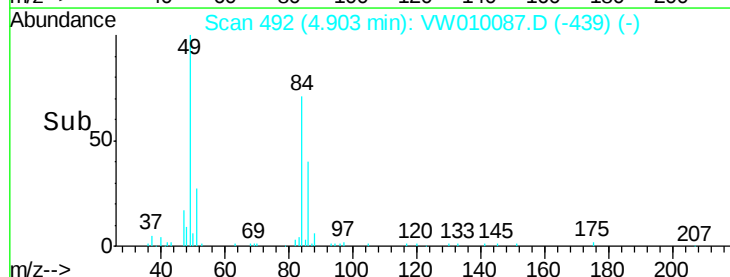
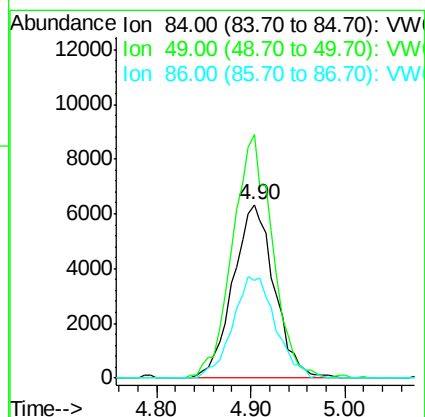
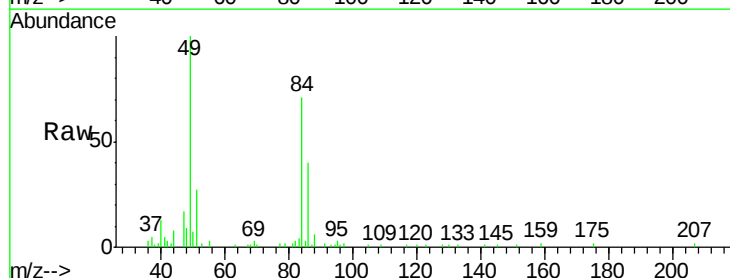
Tgt Ion: 84 Resp: 19403

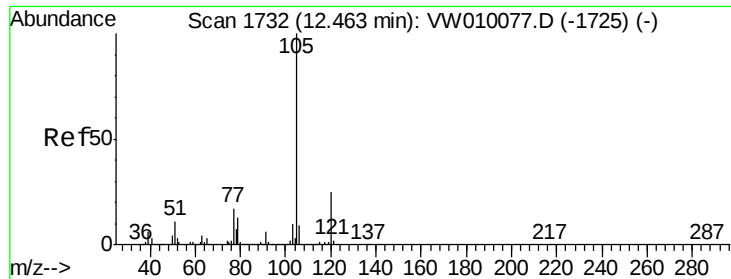
Ion Ratio Lower Upper

84 100

49 140.2 100.7 187.1

86 56.5 43.8 81.3





#57

Isopropylbenzene

Concen: 6.022 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

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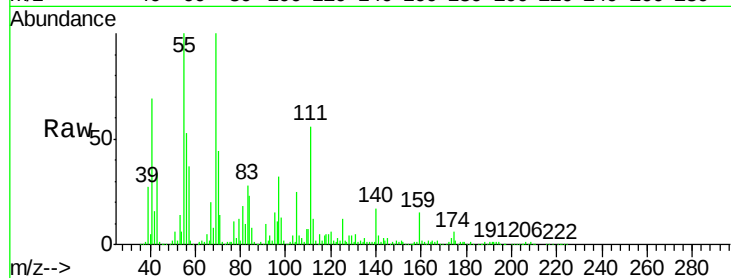
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Tot Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	23.9	20.6	30.8
77	19.1	13.4	20.2

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