

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002793.D
 Acq On : 22 May 2018 18:57
 Operator : JC/SY
 Sample : J2952-09
 Misc : 4.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 05:41:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 12:32:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	228836	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	198726	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	90882	25.00	ug/L	0.00

System Monitoring Compounds

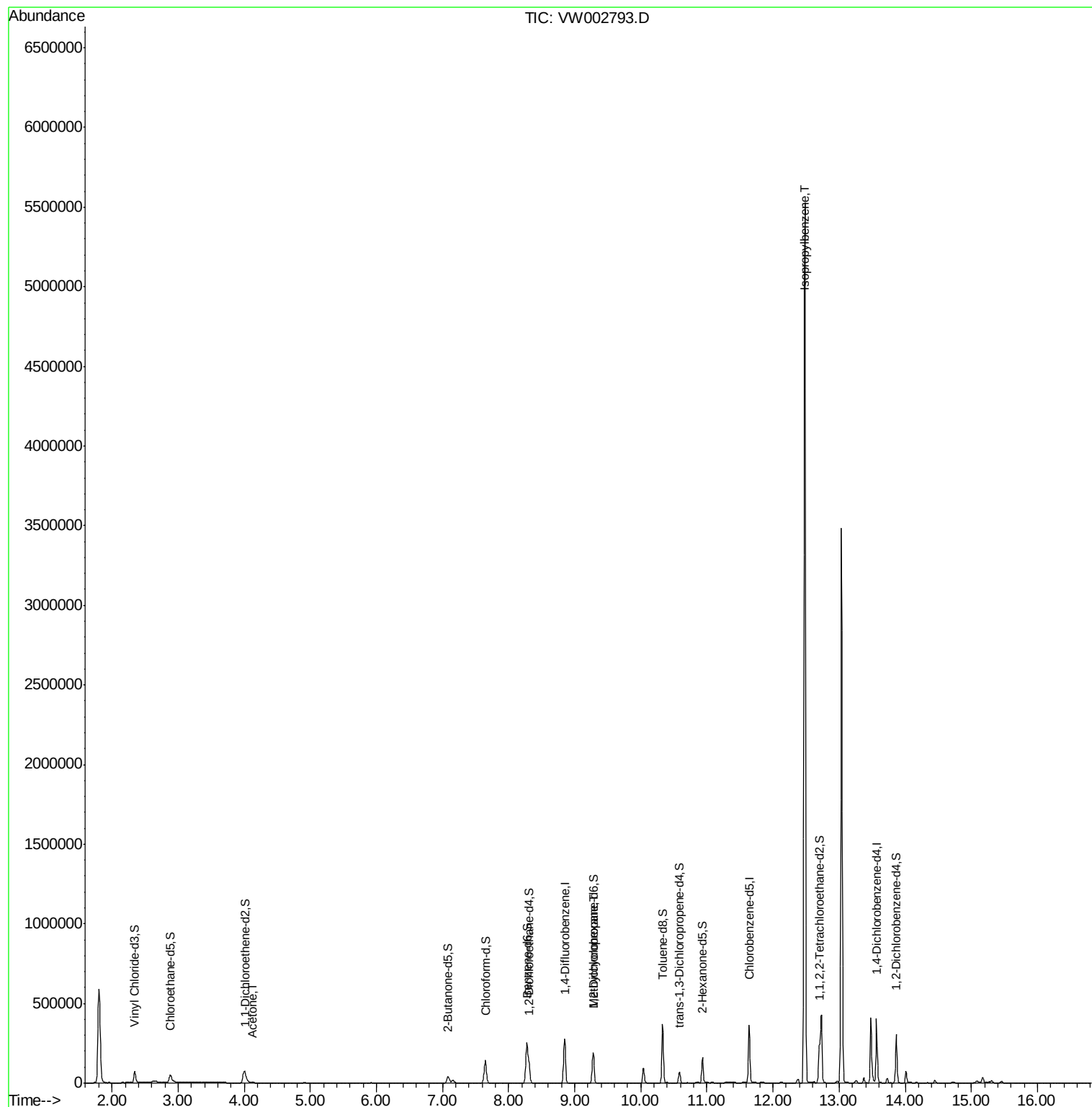
4) Vinyl Chloride-d3	2.34	65	75050	25.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.28%
7) Chloroethane-d5	2.88	69	65182	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
10) 1,1-Dichloroethene-d2	4.00	63	92472	17.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.96%
20) 2-Butanone-d5	7.09	46	63534	53.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.14%
24) Chloroform-d	7.65	84	138397	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	87907	26.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.16%
29) Benzene-d6	8.28	84	256961	27.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.76%
33) 1,2-Dichloropropane-d6	9.28	67	85167	27.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.52%
37) Toluene-d8	10.33	98	234964	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.76%
38) trans-1,3-Dichloropropene-	10.59	79	35031	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.93	63	47513	54.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.64%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	91698	27.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.56%
61) 1,2-Dichlorobenzene-d4	13.87	152	79859	23.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.64%

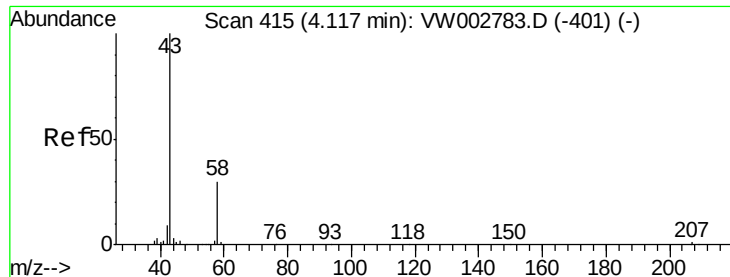
Target Compounds						Qvalue
13) Acetone	4.12	43	5268	4.97	ug/L	97
36) Methylcyclohexane	9.28	83	20560	4.22	ug/L #	21
57) Isopropylbenzene	12.48	105	218334	16.74	ug/L #	1

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

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#13

Acetone

Concen: 4.97 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

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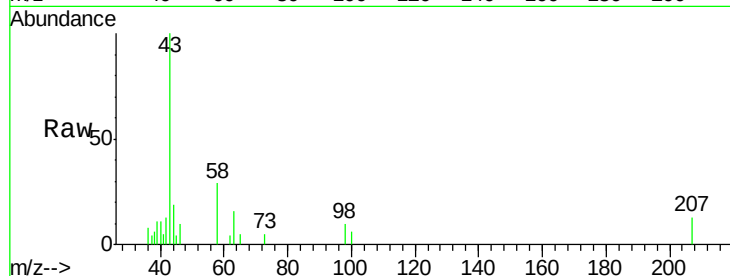
Acq: 22 May 2018 18:57

Tgt Ion: 43 Resp: 5268

Ion Ratio Lower Upper

43 100

58 31.4 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

1500

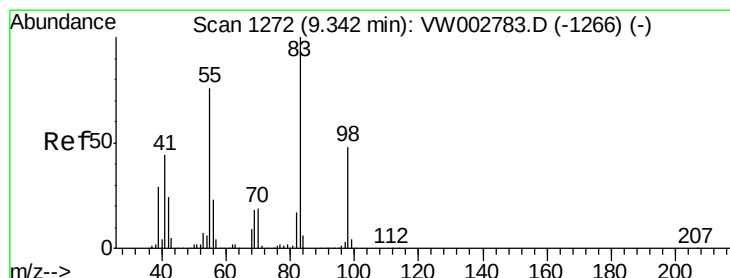
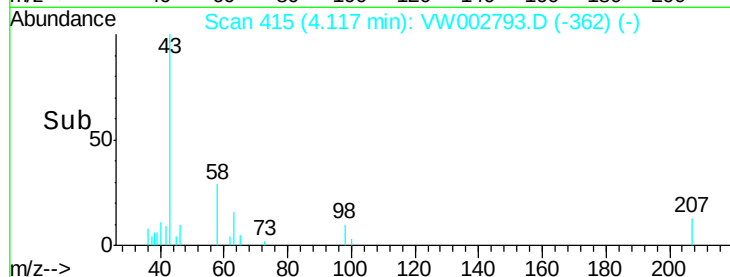
1000

500

0

Time-->

4.05 4.10 4.15 4.20



#36

Methylcyclohexane

Concen: 4.22 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.05 min

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Acq: 22 May 2018 18:57

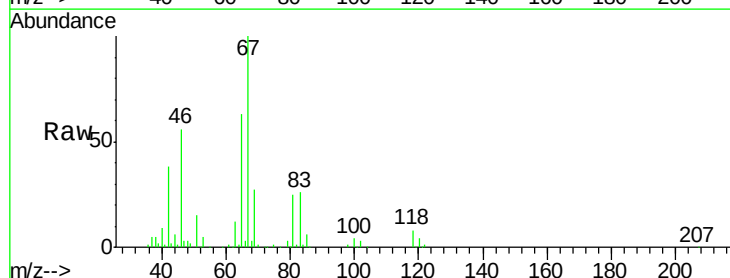
Tgt Ion: 83 Resp: 20560

Ion Ratio Lower Upper

83 100

55 1.0 60.5 90.7#

98 2.5 38.3 57.5#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

9.28

15000

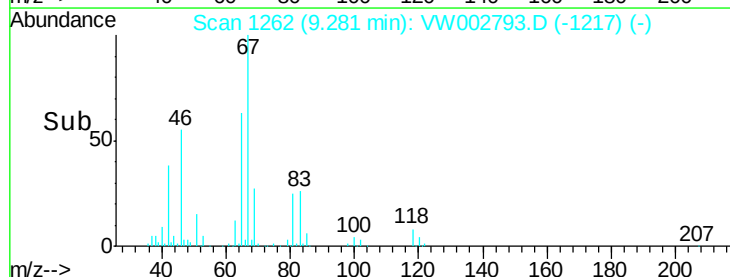
10000

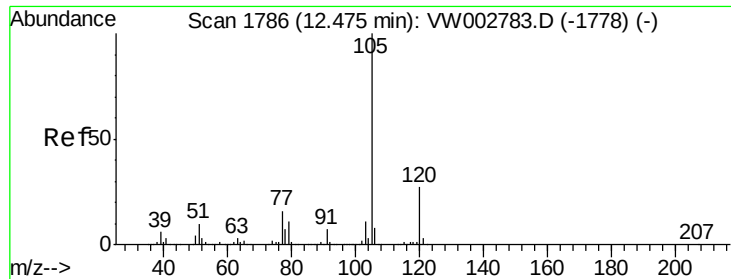
5000

0

Time-->

9.20 9.25 9.30 9.35





#57

Isopropylbenzene

Concen: 16.74 ug/L

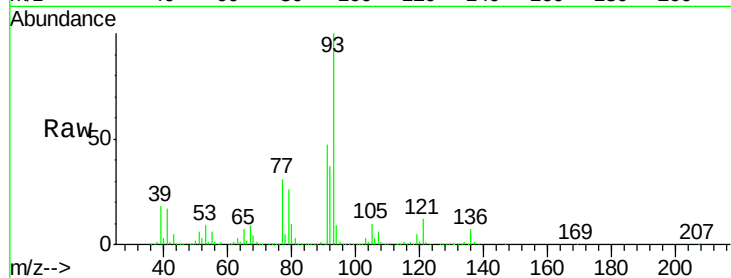
RT: 12.48 min Scan# 1787

Delta R.T. 0.01 min

Lab File: VW002793.D

Acq: 22 May 2018 18:57

Tgt Ion:	105	Resp:	218334
Ion Ratio	Lower	Upper	
105	100		
120	6.8	21.3	31.9#
77	289.4	12.8	19.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW

