

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002805.D
 Acq On : 23 May 2018 01:02
 Operator : JC/SY
 Sample : J2952-20
 Misc : 5.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:56:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 23 06:53:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	217156	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	164074	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	47290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75528	27.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.48%
7) Chloroethane-d5	2.89	69	65960	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.92%
10) 1,1-Dichloroethene-d2	4.01	63	92789	19.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.08%
20) 2-Butanone-d5	7.09	46	37048	32.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.22%
24) Chloroform-d	7.65	84	146784	28.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.80%
26) 1,2-Dichloroethane-d4	8.31	65	85531	27.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.84%
29) Benzene-d6	8.28	84	264015	33.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.36%#
33) 1,2-Dichloropropane-d6	9.28	67	92091	36.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.08%#
37) Toluene-d8	10.33	98	224415	29.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.56%
38) trans-1,3-Dichloropropene-	10.59	79	23889	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.24%
39) 2-Hexanone-d5	10.93	63	25263	35.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.62%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	78911	28.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.20%
61) 1,2-Dichlorobenzene-d4	13.87	152	51164	29.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.76%

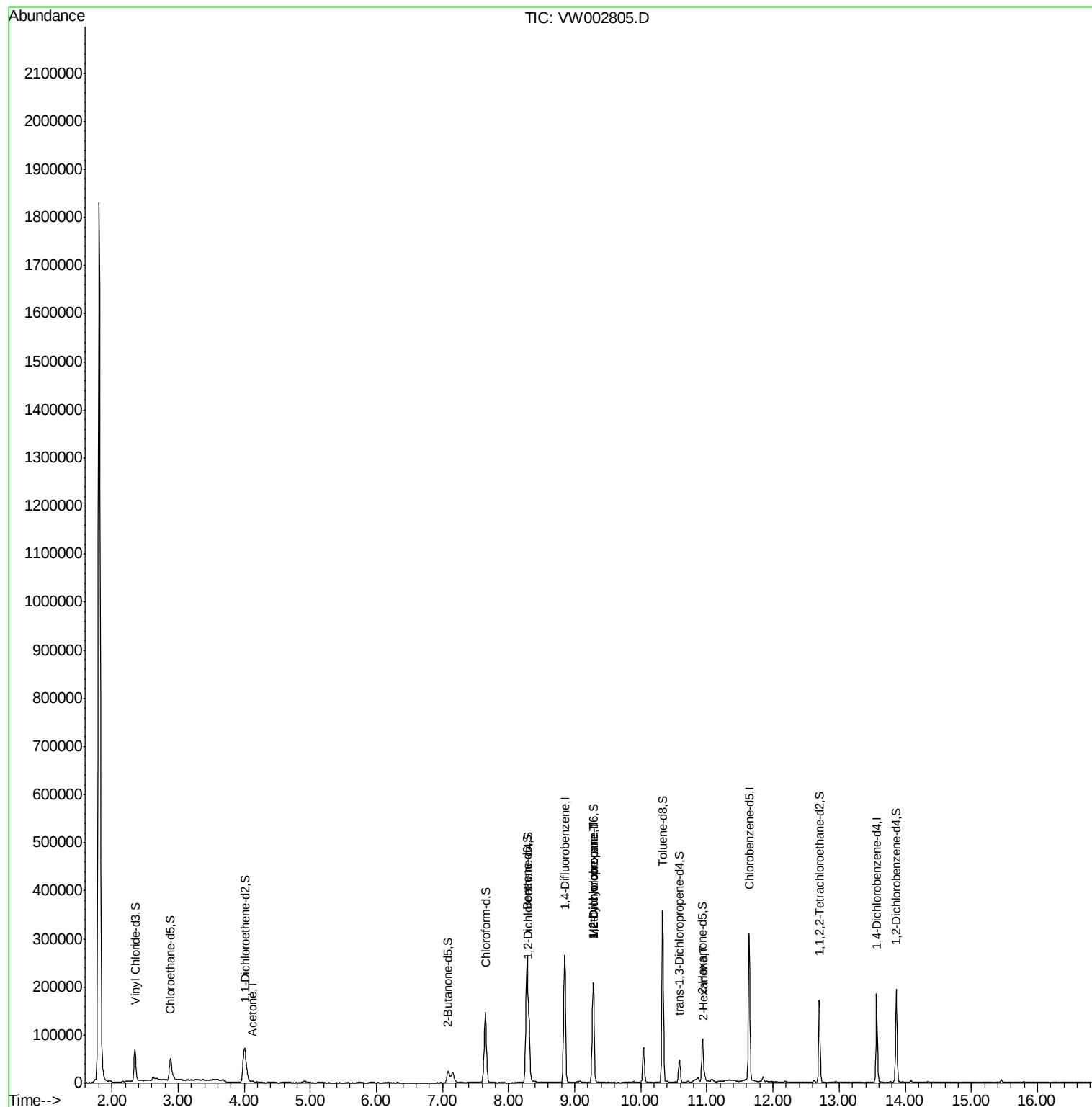
Target Compounds

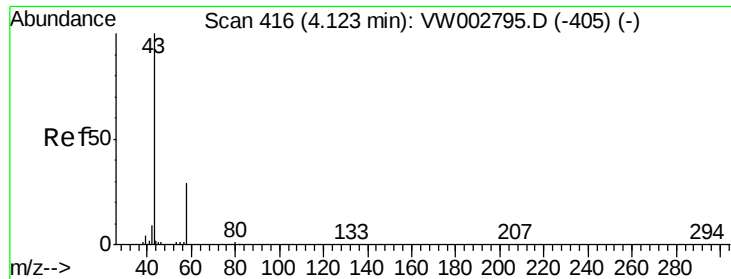
						Qvalue
13) Acetone	4.12	43	2196	2.19	ug/L	85
36) Methylcyclohexane	9.28	83	22258	5.54	ug/L #	20
40) 1,2-Dichloropropane	9.28	63	10993	4.76	ug/L #	87
49) 2-Hexanone	10.96	43	3836	2.50	ug/L #	41

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

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#13

Acetone

Concen: 2.19 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

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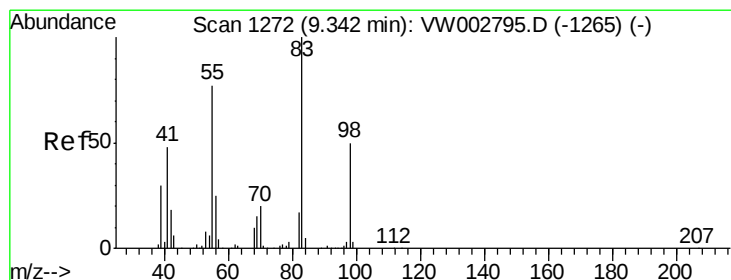
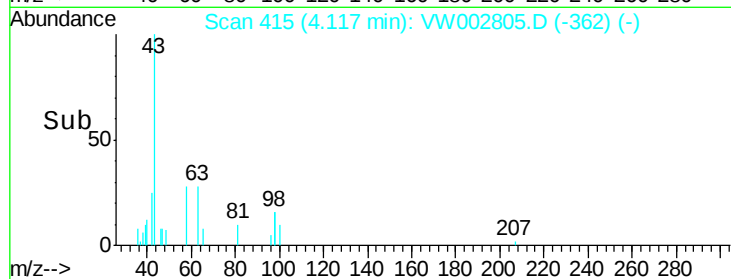
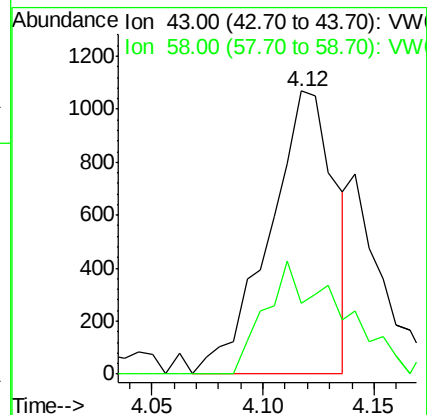
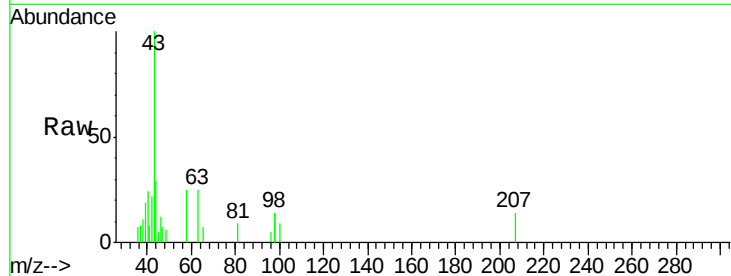
Acq: 23 May 2018 01:02

Tgt Ion: 43 Resp: 2196

Ion Ratio Lower Upper

43 100

58 22.0 0.0 59.8



#36

Methylcyclohexane

Concen: 5.54 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.06 min

Lab File: VW002805.D

Acq: 23 May 2018 01:02

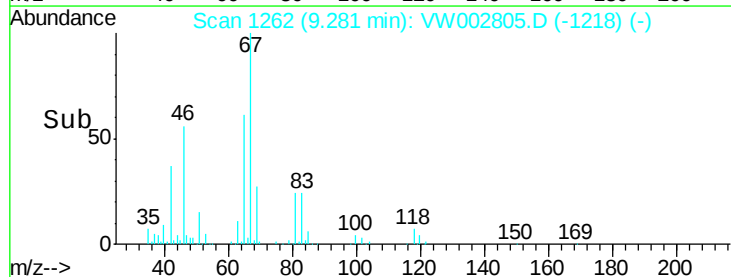
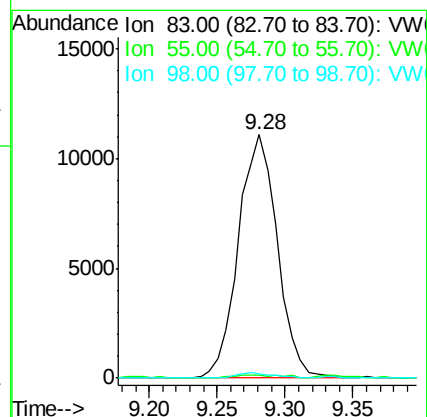
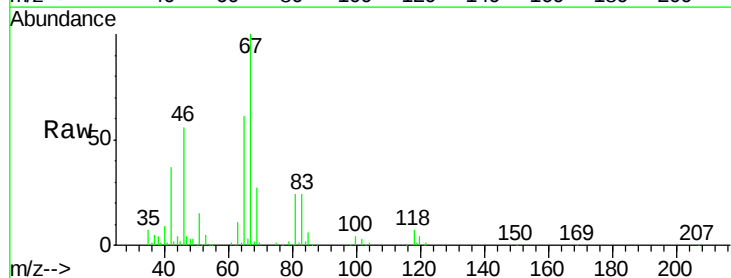
Tgt Ion: 83 Resp: 22258

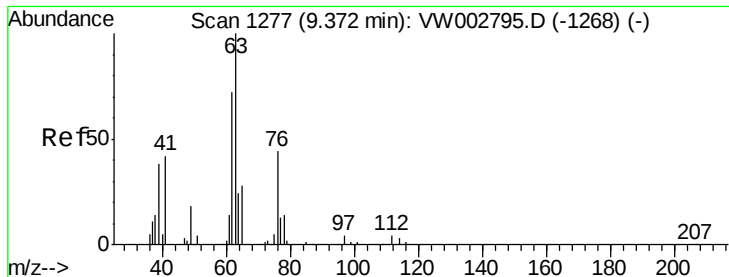
Ion Ratio Lower Upper

83 100

55 1.1 60.5 90.7#

98 1.9 38.3 57.5#





#40

1,2-Dichloropropane

Concen: 4.76 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.09 min

Lab File: VW002805.D

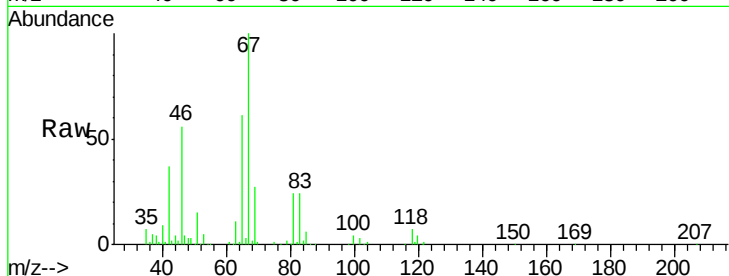
Acq: 23 May 2018 01:02

Tgt Ion: 63 Resp: 10993

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.28

6000

5000

4000

3000

2000

1000

0

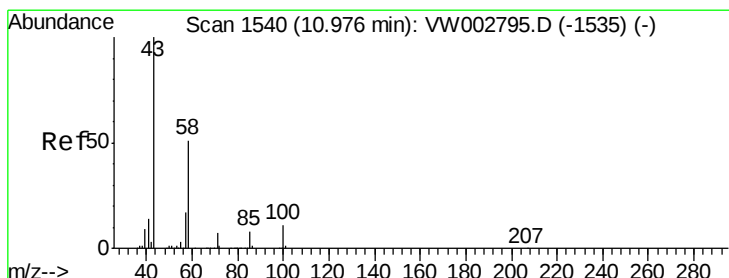
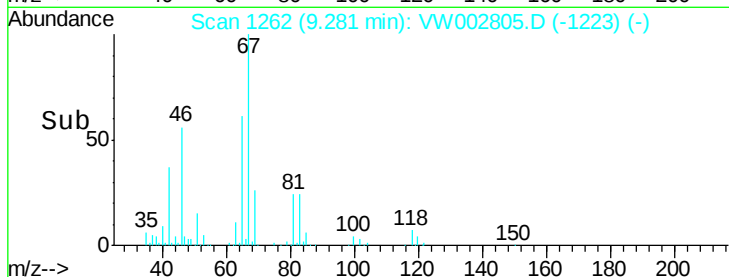
9.20

9.25

9.30

9.35

Time-->



#49

2-Hexanone

Concen: 2.50 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

Lab File: VW002805.D

Acq: 23 May 2018 01:02

Tgt Ion: 43 Resp: 3836

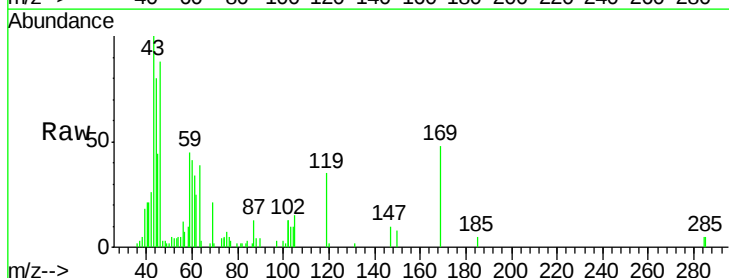
Ion Ratio Lower Upper

43 100

58 0.0 42.8 64.2#

57 1.9 15.9 23.9#

100 3.8 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

4000

3000

2000

1000

0

10.95

10.96

11.00

Time-->

