

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002794.D
 Acq On : 22 May 2018 19:23
 Operator : JC/SY
 Sample : J2952-10
 Misc : 524G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 05:41:24 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	237408	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	211343	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	88958	25.00	ug/L	0.00

System Monitoring Compounds

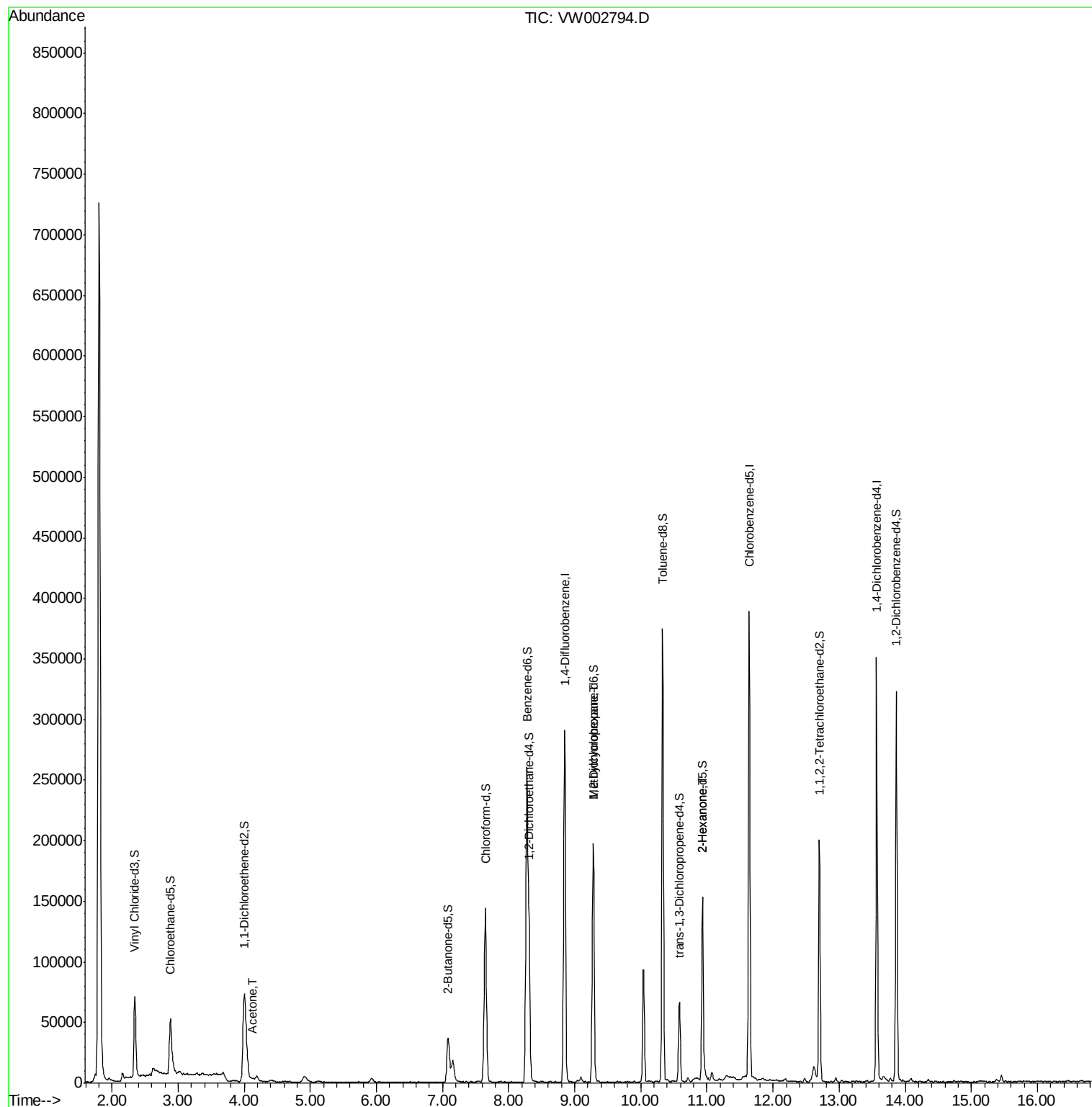
4) Vinyl Chloride-d3	2.34	65	78002	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.44%
7) Chloroethane-d5	2.89	69	67764	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.52%
10) 1,1-Dichloroethene-d2	4.00	63	96226	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.16%
20) 2-Butanone-d5	7.09	46	60267	48.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.04%
24) Chloroform-d	7.65	84	143245	25.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.68%
26) 1,2-Dichloroethane-d4	8.31	65	89074	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.68%
29) Benzene-d6	8.27	84	262269	26.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.36%
33) 1,2-Dichloropropane-d6	9.28	67	86941	26.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.08%
37) Toluene-d8	10.33	98	239756	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
38) trans-1,3-Dichloropropene-	10.59	79	34642	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.20%
39) 2-Hexanone-d5	10.93	63	44420	48.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.40%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	91995	25.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.36%
61) 1,2-Dichlorobenzene-d4	13.87	152	83622	25.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.28%

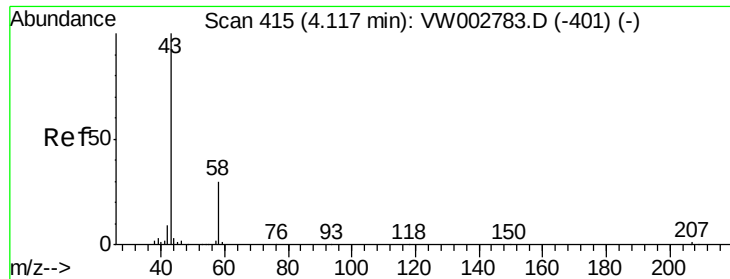
Target Compounds						Qvalue
13) Acetone	4.13	43	2952	2.69	ug/L	70
36) Methylcyclohexane	9.28	83	21379	4.13	ug/L #	20
49) 2-Hexanone	10.93	43	9150	4.63	ug/L #	66

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

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#13

Acetone

Concen: 2.69 ug/L

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002794.D

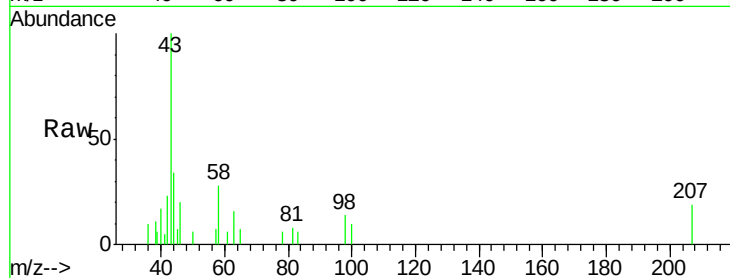
Acq: 22 May 2018 19:23

Tgt Ion: 43 Resp: 2952

Ion Ratio Lower Upper

43 100

58 13.5 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1200

1000

800

600

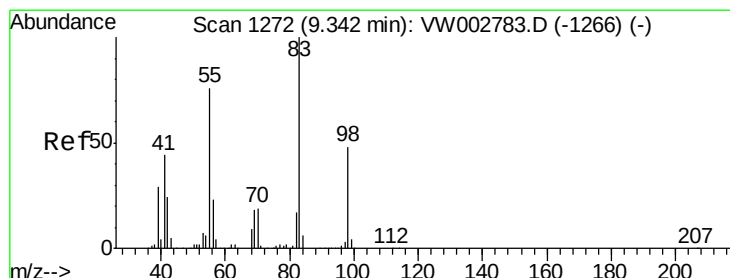
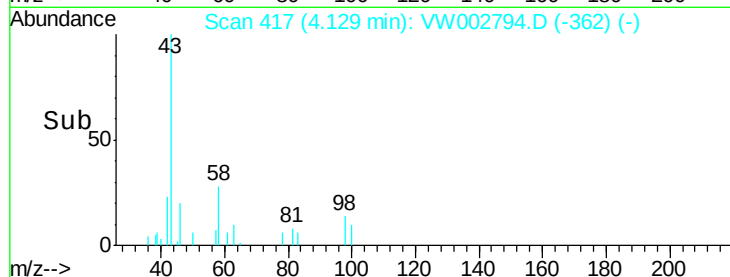
400

200

0

Time-->

4.05 4.10 4.15 4.20



#36

Methylcyclohexane

Concen: 4.13 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.05 min

Lab File: VW002794.D

Acq: 22 May 2018 19:23

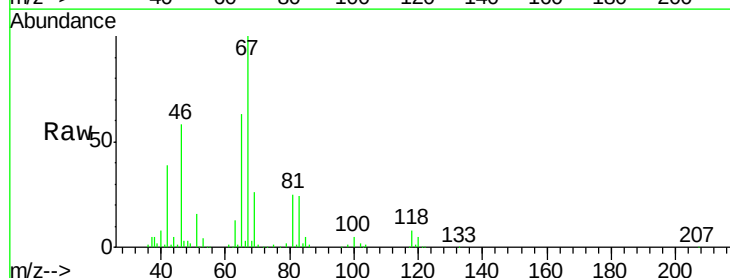
Tgt Ion: 83 Resp: 21379

Ion Ratio Lower Upper

83 100

55 0.6 60.5 90.7#

98 2.2 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

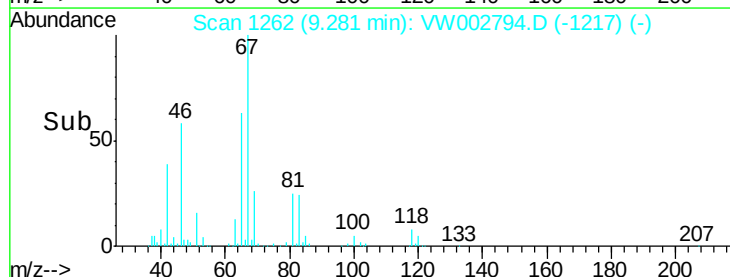
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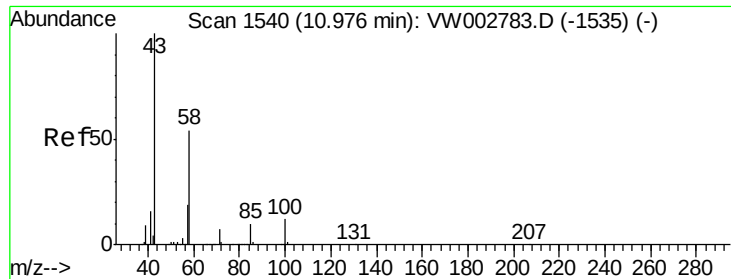
5000

0

Time-->

9.20 9.25 9.30 9.35





#49
 2-Hexanone
 Concen: 4.63 ug/L
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.04 min
 Lab File: VW002794.D
 Acq: 22 May 2018 19:23

Tgt Ion: 43 Resp: 9150
 Ion Ratio Lower Upper
 43 100
 58 20.1 42.8 64.2#
 57 22.9 15.9 23.9
 100 3.9 9.8 14.6#

