

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
 Data File : VW002807.D
 Acq On : 23 May 2018 01:54
 Operator : JC/SY
 Sample : J3042-07MS
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 23 06:57:01 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	277401	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	249101	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	102754	25.00	ug/L	0.00

System Monitoring Compounds

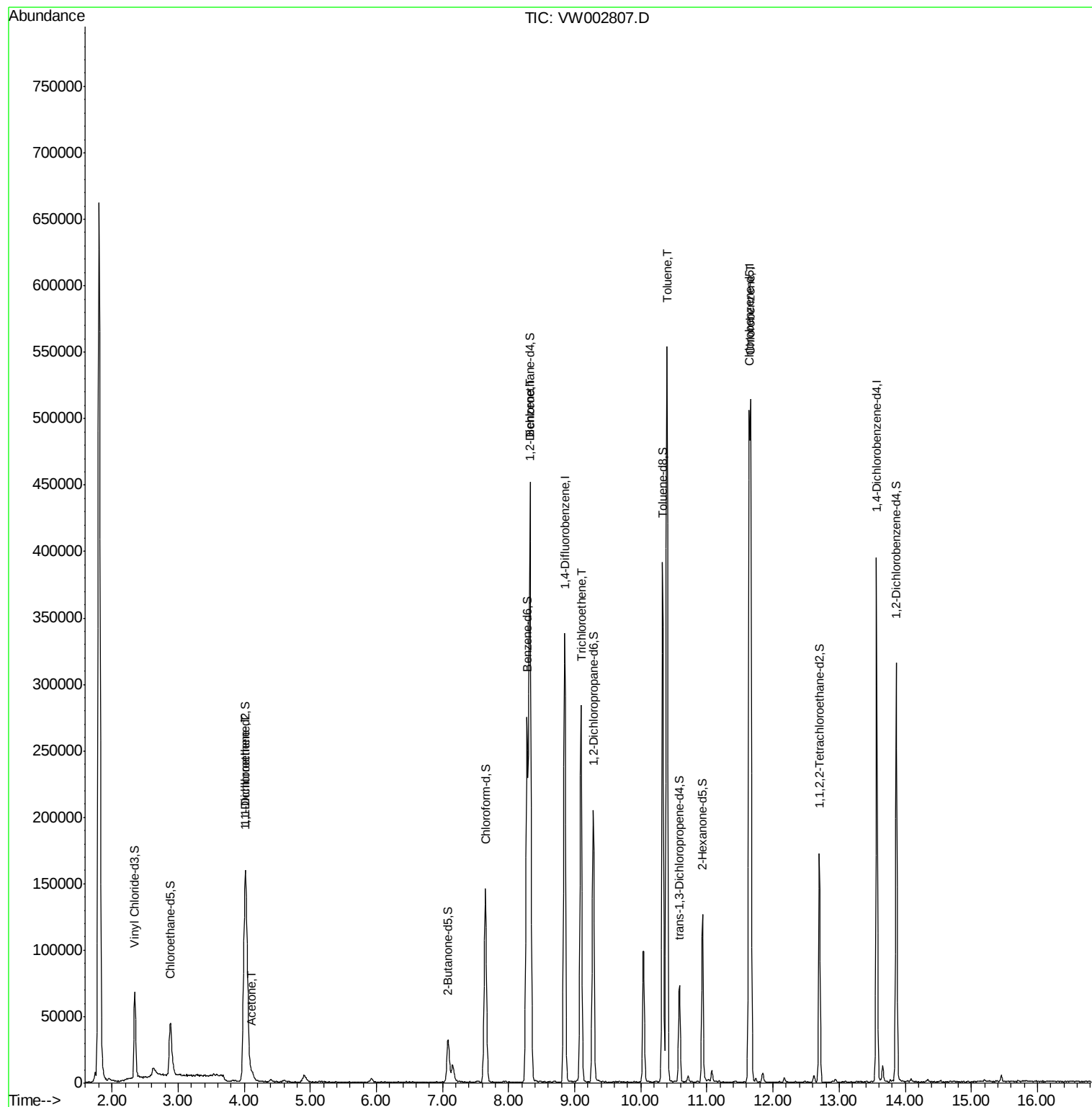
4) Vinyl Chloride-d3	2.34	65	72805	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
7) Chloroethane-d5	2.89	69	60766	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.40%
10) 1,1-Dichloroethene-d2	4.01	63	133990	21.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.00%
20) 2-Butanone-d5	7.08	46	52732	36.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.68%
24) Chloroform-d	7.65	84	144403	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.31	65	88482	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.12%
29) Benzene-d6	8.27	84	270684	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.28	67	90433	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.33	98	248662	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.08%
38) trans-1,3-Dichloropropene-	10.59	79	37452	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.80%
39) 2-Hexanone-d5	10.93	63	38559	35.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.98%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	78838	18.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.16%
61) 1,2-Dichlorobenzene-d4	13.87	152	85285	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

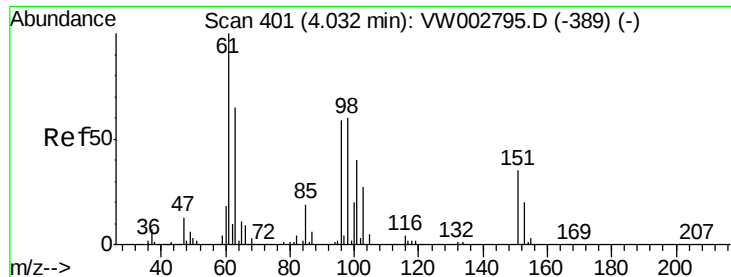
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.03	96	79356	23.86	ug/L	93
13) Acetone	4.12	43	6482	5.05	ug/L	89
34) Benzene	8.32	78	378510	28.01	ug/L	100
35) Trichloroethene	9.09	95	94472	25.57	ug/L	99
44) Toluene	10.40	91	403108	27.36	ug/L	99
52) Chlorobenzene	11.66	112	251094	25.71	ug/L	98

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

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#12

1,1-Dichloroethene

Concen: 23.86 ug/L

RT: 4.03 min Scan# 400

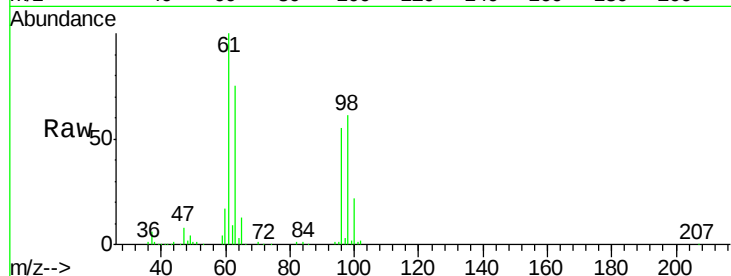
Delta R.T. -0.01 min

Lab File: VW002807.D

Acq: 23 May 2018 01:54

Tgt Ion: 96 Resp: 79356

Ion	Ratio	Lower	Upper
96	100		
61	181.0	118.9	220.9
63	136.2	100.4	186.4

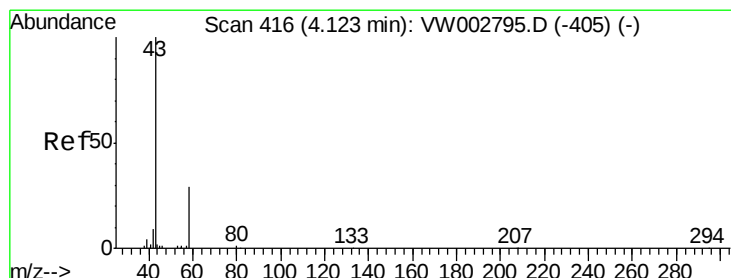
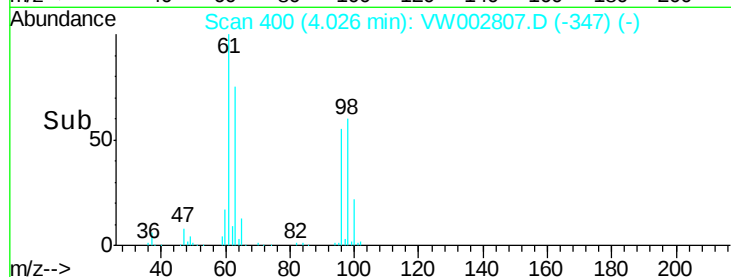
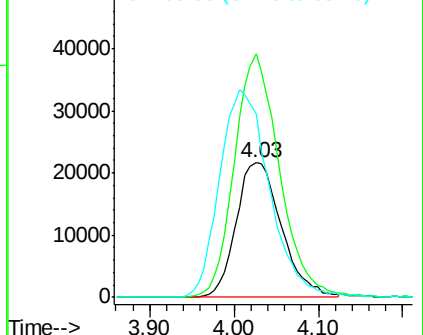


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 5.05 ug/L

RT: 4.12 min Scan# 415

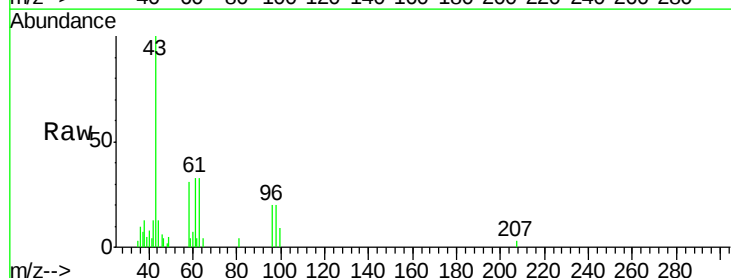
Delta R.T. -0.01 min

Lab File: VW002807.D

Acq: 23 May 2018 01:54

Tgt Ion: 43 Resp: 6482

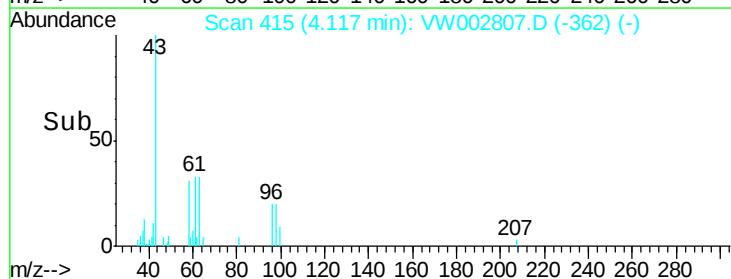
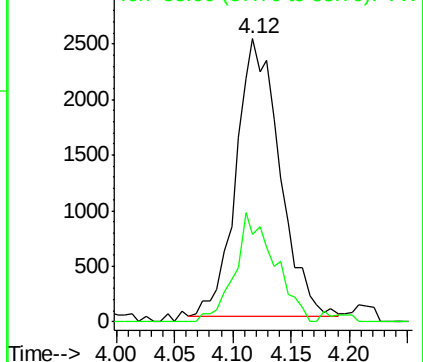
Ion	Ratio	Lower	Upper
43	100		
58	35.9	0.0	59.8

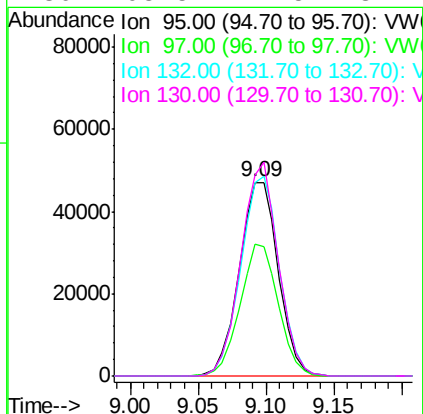
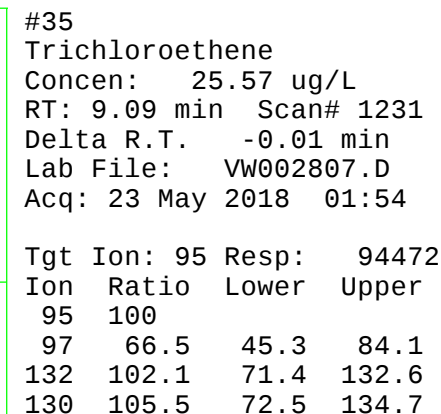
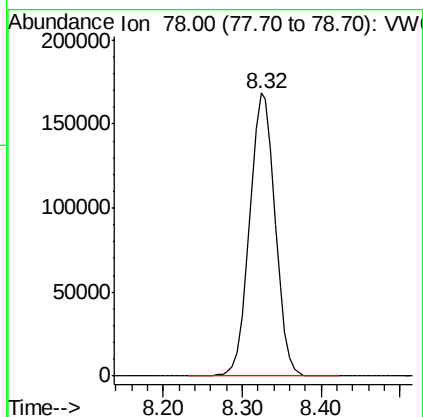
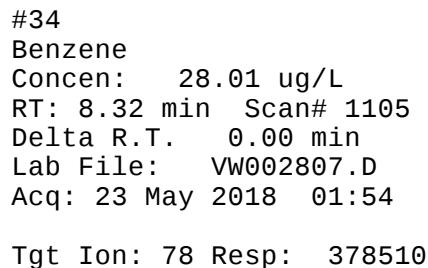


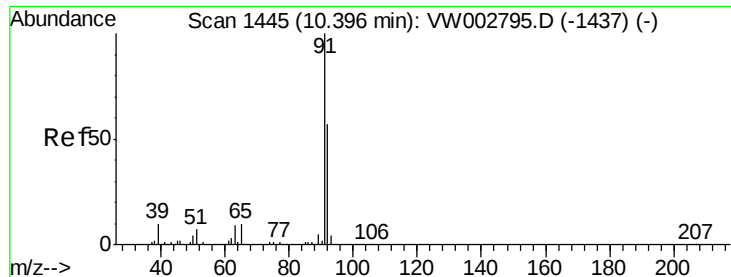
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW







#44

Toluene

Concen: 27.36 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

Lab File: VW002807.D

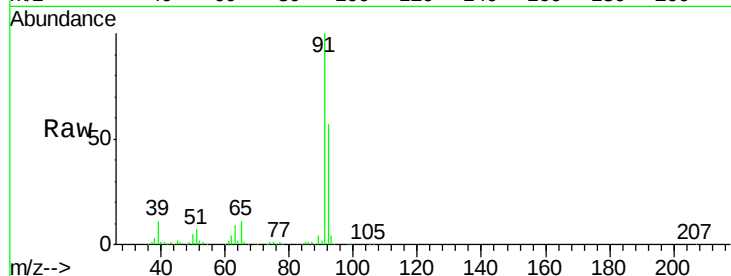
Acq: 23 May 2018 01:54

Tgt Ion: 91 Resp: 403108

Ion Ratio Lower Upper

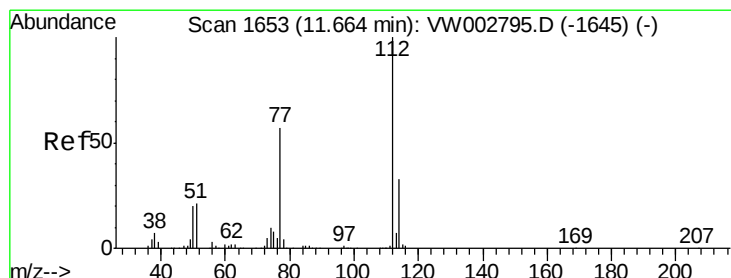
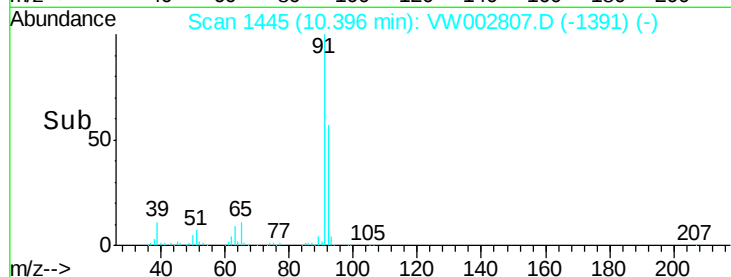
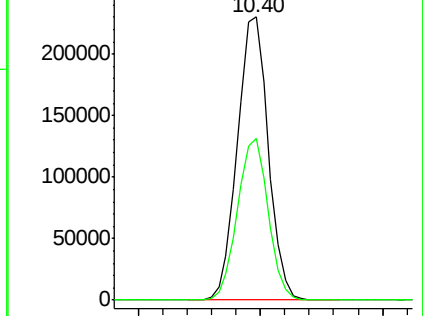
91 100

92 57.0 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#52

Chlorobenzene

Concen: 25.71 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW002807.D

Acq: 23 May 2018 01:54

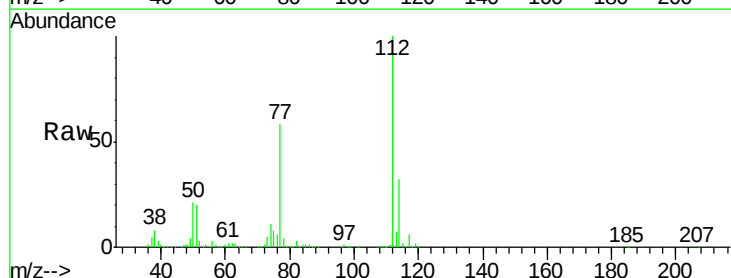
Tgt Ion: 112 Resp: 251094

Ion Ratio Lower Upper

112 100

77 57.7 44.7 67.1

114 32.5 21.8 40.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

