

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005789.D
 Acq On : 02 Oct 2018 22:09
 Operator : SY/AP
 Sample : J5182-02
 Misc : 5.39G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC51

Quant Time: Oct 03 08:12:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	168564	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	180729	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	81386	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	29611	13.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.12%
7) Chloroethane-d5	2.89	69	27640	16.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.96%
10) 1,1-Dichloroethene-d2	4.01	63	57477	12.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.00%
20) 2-Butanone-d5	7.09	46	39761	57.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.28%
24) Chloroform-d	7.65	84	106061	24.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	8.31	65	71882	27.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.64%
29) Benzene-d6	8.28	84	176920	19.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.08%
33) 1,2-Dichloropropane-d6	9.27	67	60602	23.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.72%
37) Toluene-d8	10.33	98	167270	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.76%
38) trans-1,3-Dichloropropene-	10.58	79	28033	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.56%
39) 2-Hexanone-d5	10.93	63	28949	47.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67580	26.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	72697	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

Target Compounds

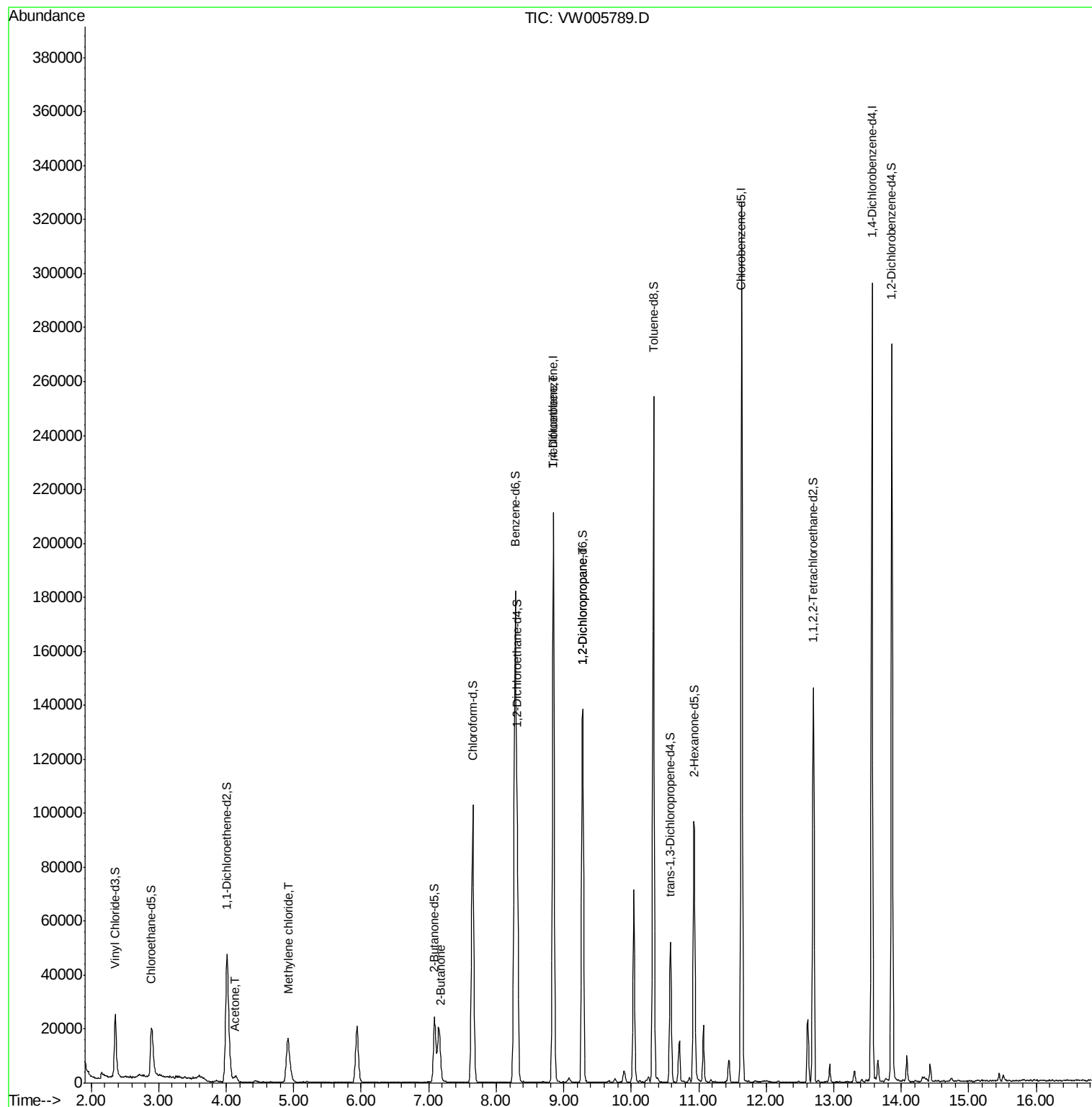
					Qvalue
13) Acetone	4.14	43	3552	4.944 ug/L #	61
16) Methylene chloride	4.92	84	14329	5.156 ug/L	95
21) 2-Butanone	7.18	43	469	0.545 ug/L #	49
35) Trichloroethene	8.85	95	5103	1.868 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	7571	3.042 ug/L #	87

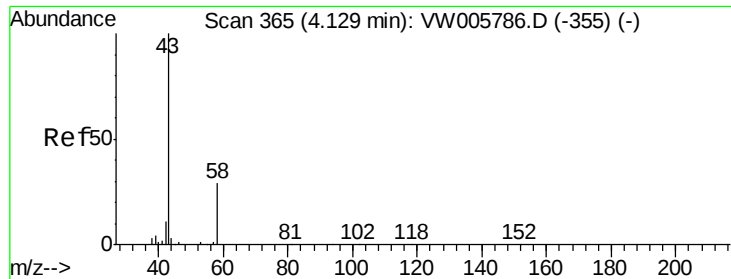
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 03 08:01:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.944 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005789.D

Acq: 02 Oct 2018 22:09

Instrument :

MSVOA_W

ClientSampled :

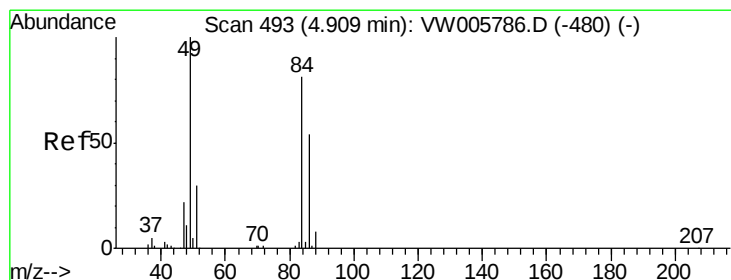
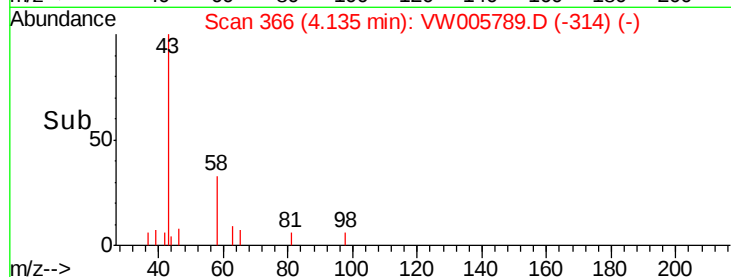
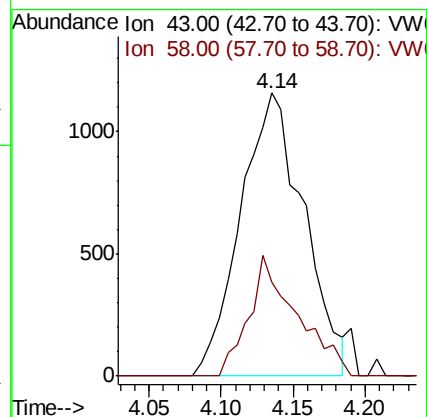
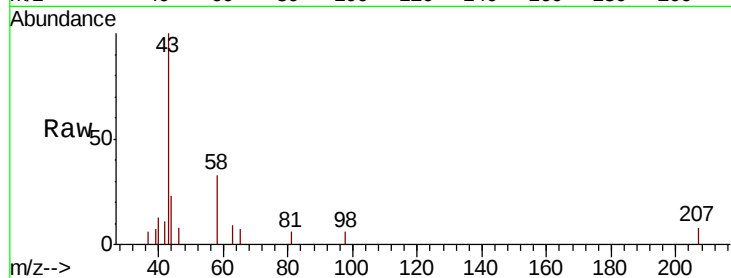
JLC51

Tgt Ion: 43 Resp: 3552

Ion Ratio Lower Upper

43 100

58 32.3 0.0 31.8#



#16

Methylene chloride

Concen: 5.156 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005789.D

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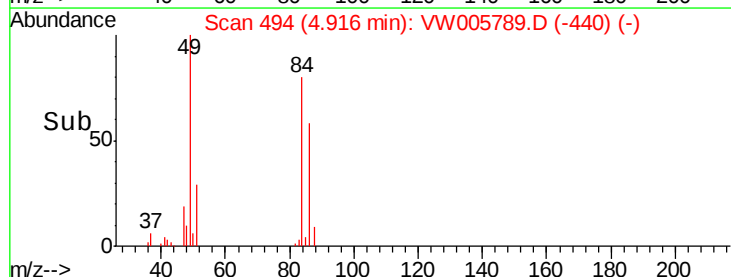
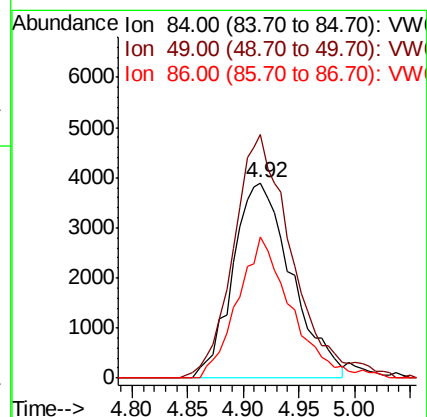
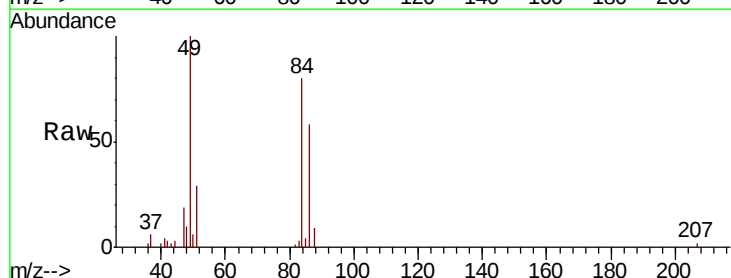
Tgt Ion: 84 Resp: 14329

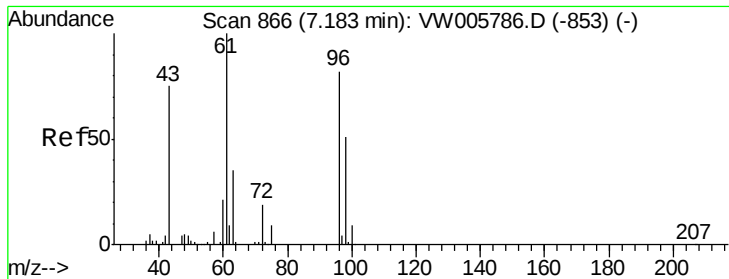
Ion Ratio Lower Upper

84 100

49 124.7 87.2 162.0

86 72.6 43.2 80.2





#21

2-Butanone

Concen: 0.545 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

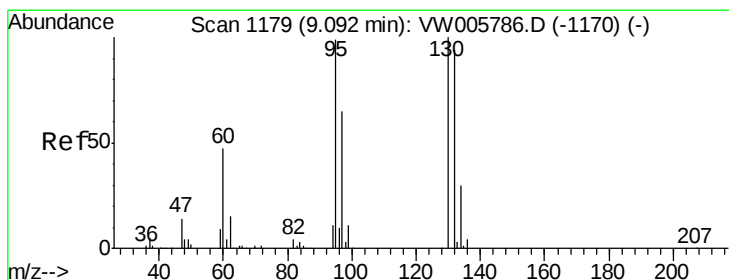
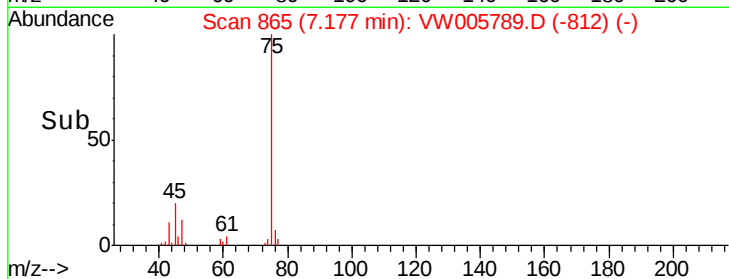
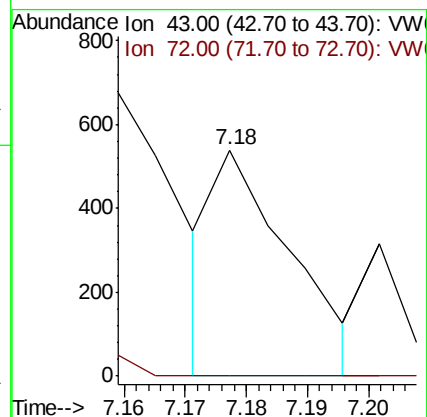
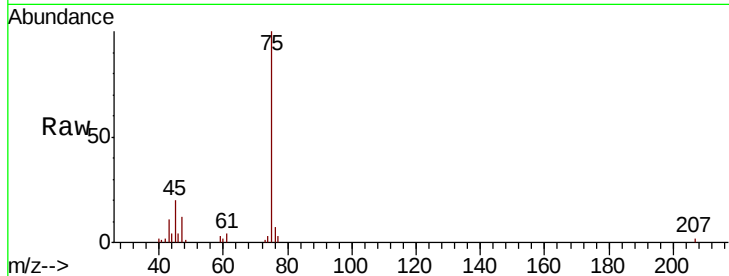
JLC51

Tgt Ion: 43 Resp: 469

Ion Ratio Lower Upper

43 100

72 0.0 13.2 39.6#



#35

Trichloroethene

Concen: 1.868 ug/L

RT: 8.85 min Scan# 1140

Delta R.T. -0.24 min

Lab File: VW005789.D

Acq: 02 Oct 2018 22:09

Tgt Ion: 95 Resp: 5103

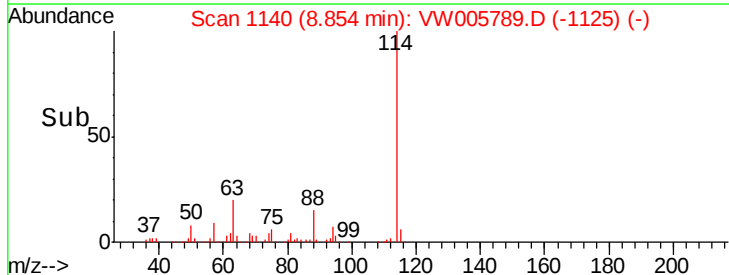
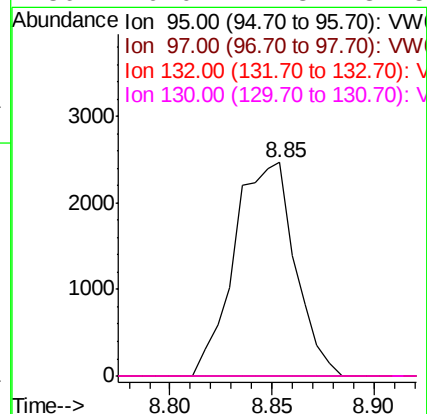
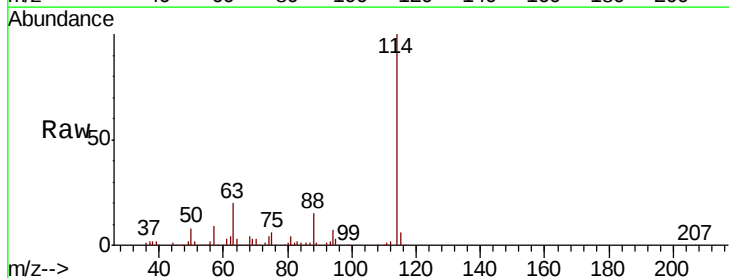
Ion Ratio Lower Upper

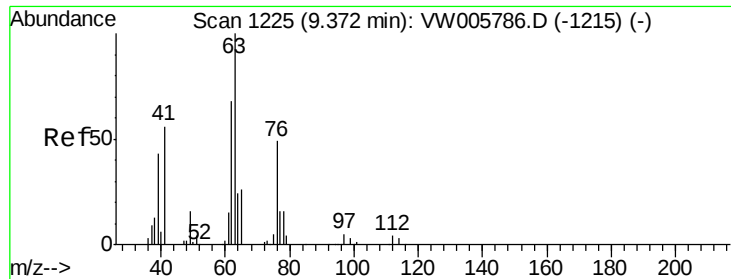
95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#





#40
 1,2-Dichloropropane
 Concen: 3.042 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW005789.D
 Acq: 02 Oct 2018 22:09

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC51

Tgt Ion: 63 Resp: 7571
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#

