

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005768.D
 Acq On : 02 Oct 2018 11:14
 Operator : SY/AP
 Sample : VW1002SBL01
 Misc : 5.00G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:10:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 05:07:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	265765	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263899	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	128209	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	69627	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
7) Chloroethane-d5	2.90	69	54830	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
10) 1,1-Dichloroethene-d2	4.01	63	112900	15.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.04%
20) 2-Butanone-d5	7.09	46	61368	56.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.84%
24) Chloroform-d	7.65	84	149240	21.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	8.31	65	96843	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.68%
29) Benzene-d6	8.28	84	281584	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.28	67	84669	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.68%
37) Toluene-d8	10.33	98	262355	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.36%
38) trans-1,3-Dichloropropene-	10.58	79	39566	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.80%
39) 2-Hexanone-d5	10.93	63	45236	51.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.32%
48) 1,1,1,2,2-Tetrachloroethane-	12.70	84	87562	23.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	104365	23.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.04%

Target Compounds

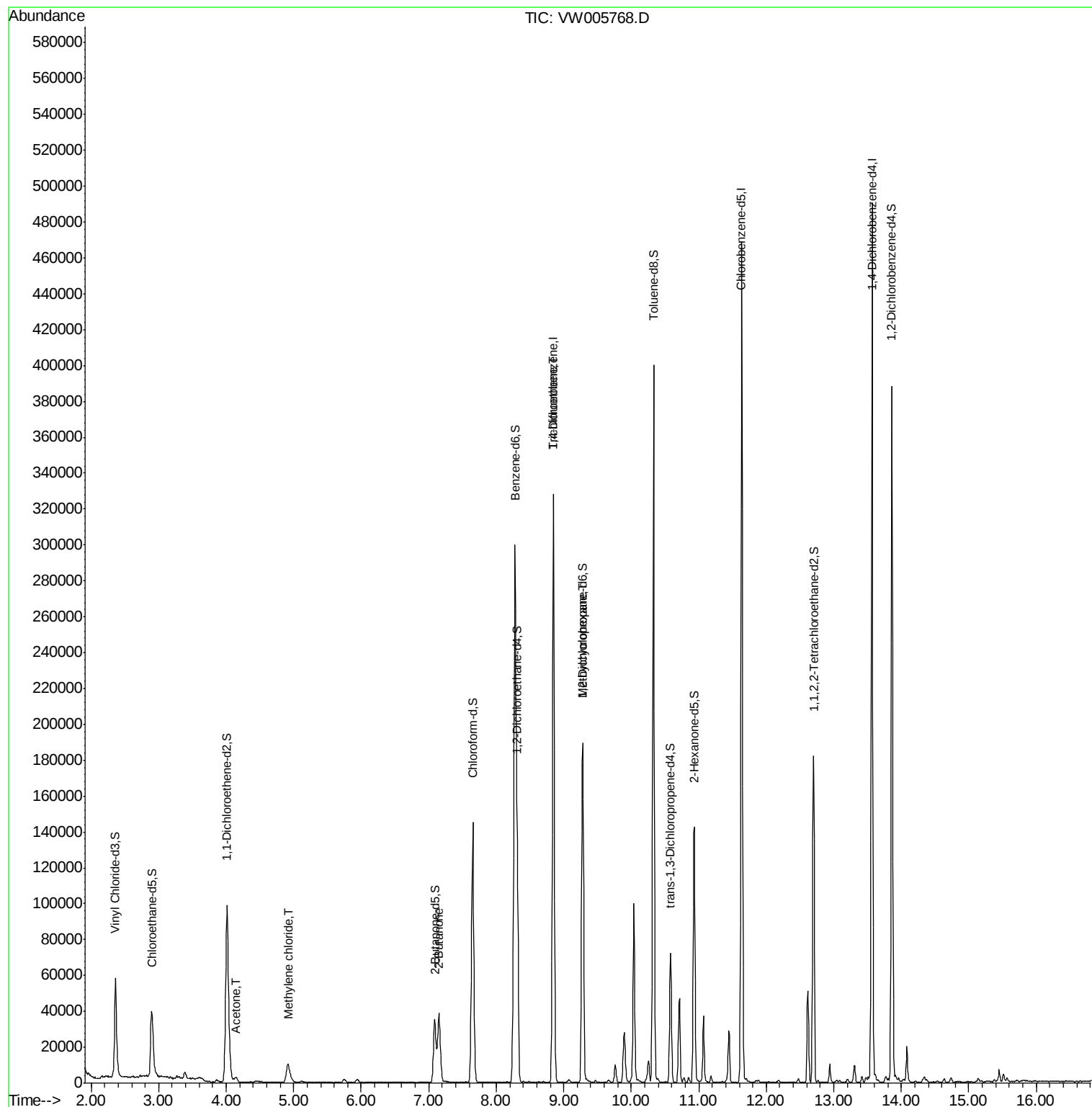
					Ovalue
13) Acetone	4.14	43	2894	2.555 ug/L	86
16) Methylene chloride	4.92	84	8482	1.936 ug/L	98
21) 2-Butanone	7.15	43	987	0.728 ug/L	84
35) Trichloroethene	8.84	95	8585	2.152 ug/L #	5
36) Methylcyclohexane	9.28	83	21490	3.098 ug/L #	19

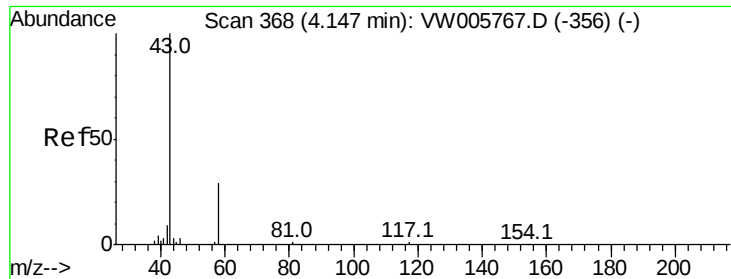
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 05:07:10 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.555 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005768.D

Acq: 02 Oct 2018 11:14

Instrument :

MSVOA_W

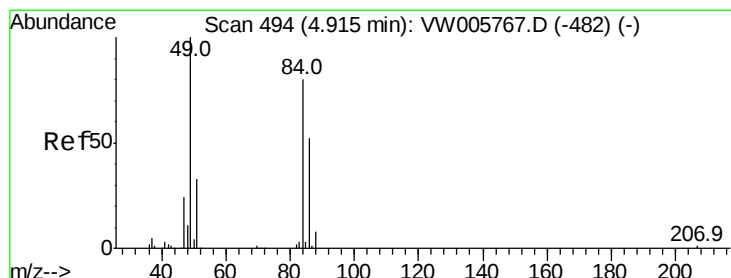
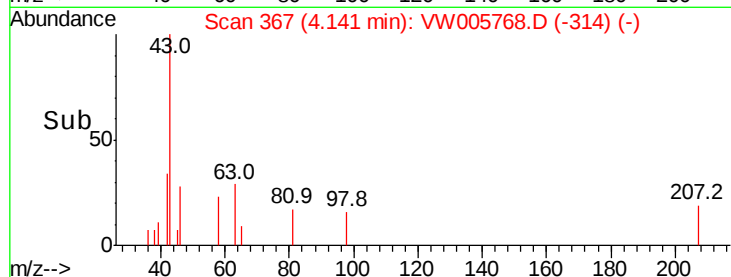
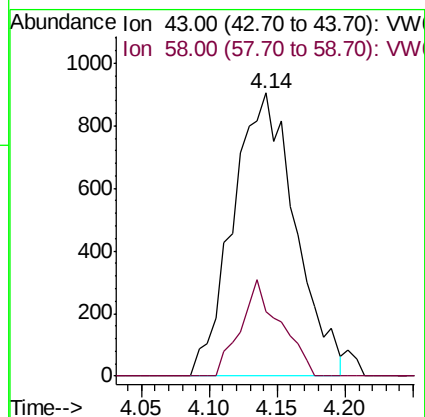
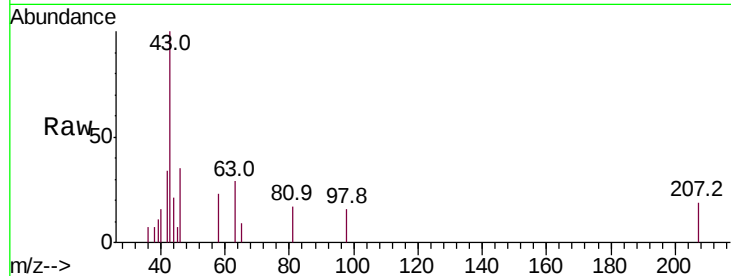
ClientSampled :

Tot Ion: 43 Resp: 2894

Ion Ratio Lower Upper

43 100

58 21.7 0.0 31.8



#16

Methylene chloride

Concen: 1.936 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005768.D

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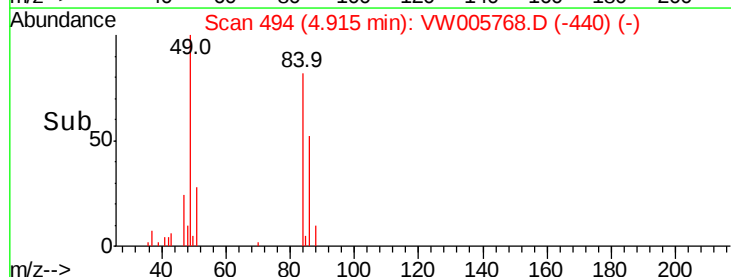
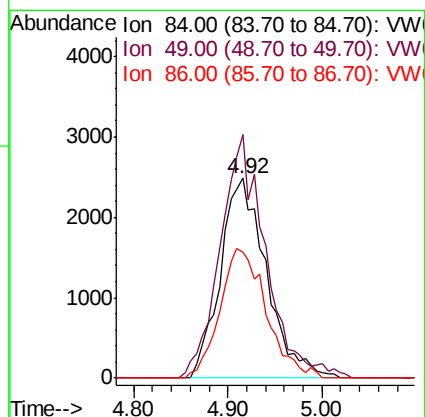
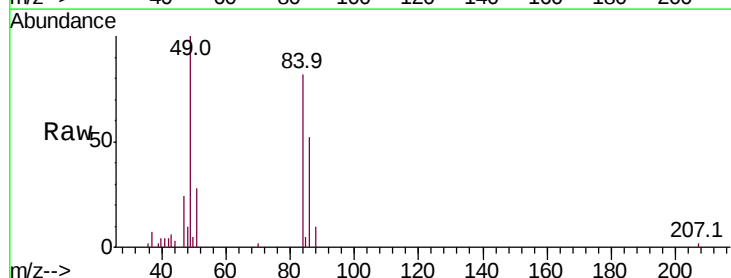
Tgt Ion: 84 Resp: 8482

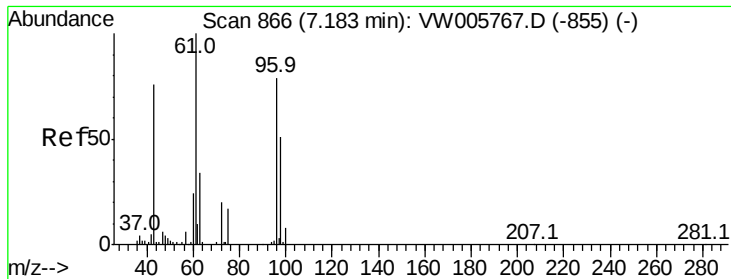
Ion Ratio Lower Upper

84 100

49 121.9 87.2 162.0

86 63.3 43.2 80.2





#21

2-Butanone

Concen: 0.728 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW005768.D

Acq: 02 Oct 2018 11:14

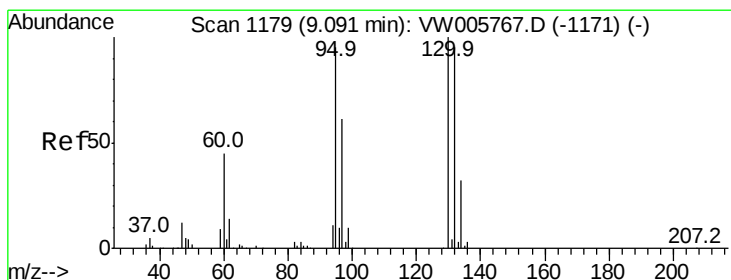
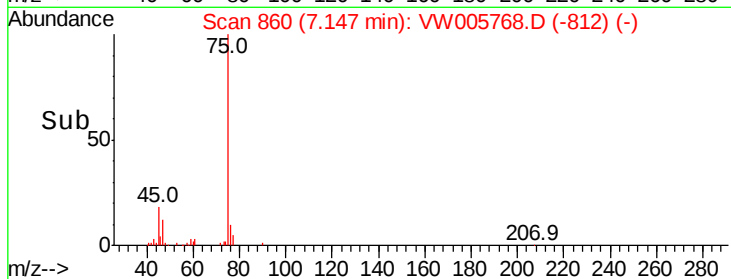
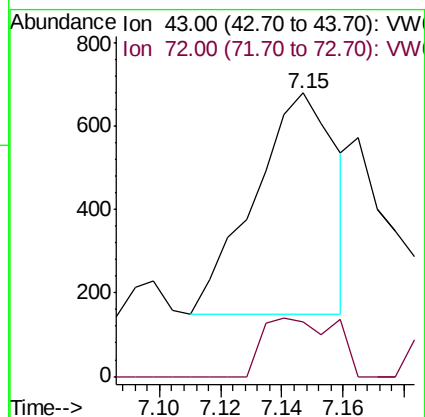
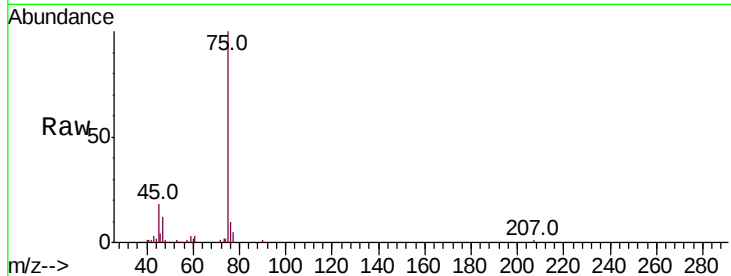
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

72 18.4 13.2 39.6



#35

Trichloroethene

Concen: 2.152 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW005768.D

Acq: 02 Oct 2018 11:14

Tgt Ion: 95 Resp: 8585

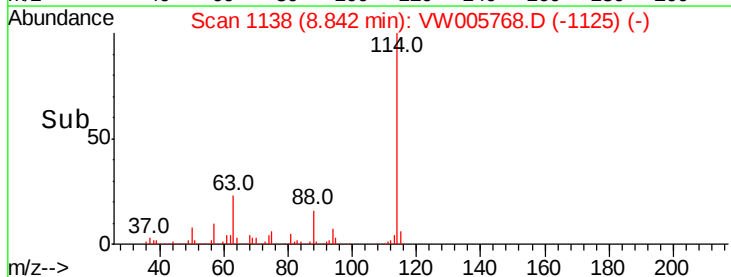
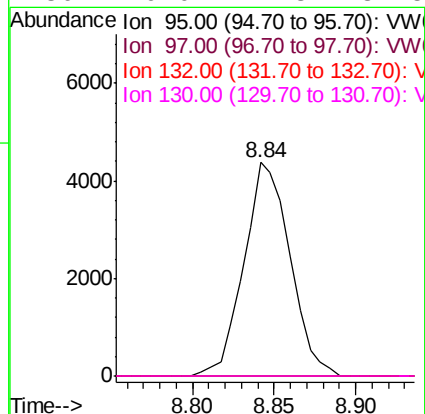
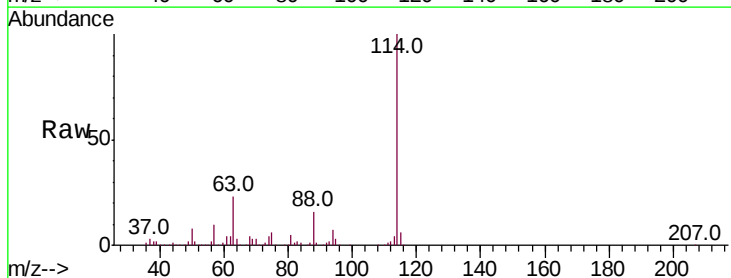
Ion Ratio Lower Upper

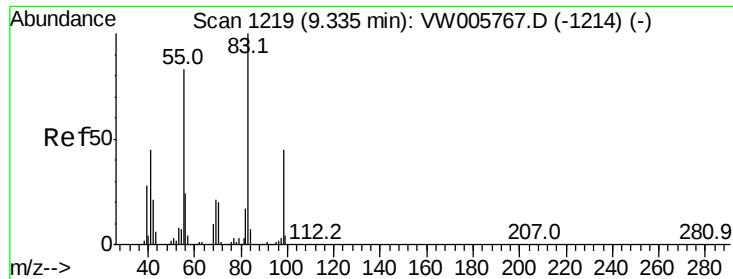
95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#





#36
 Methvlcvclohexane
 Concen: 3.098 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.05 min
 Lab File: VW005768.D
 Acq: 02 Oct 2018 11:14

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 83 Resp: 21490
 Ion Ratio Lower Upper
 83 100
 55 0.3 62.5 93.7#
 98 1.3 37.7 56.5#

