

Data File : VW005532.D
Acq On : 20 Sep 2018 13:57
Operator : SY/AP
Sample : J4970-05
Misc : 4.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E5FD7

Quant Time: Oct 04 03:20:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 01:00:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	368881	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335513	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	130564	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110911	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.32%
7) Chloroethane-d5	2.89	69	89760	22.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.68%
10) 1,1-Dichloroethene-d2	4.01	63	183413	16.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.12%
20) 2-Butanone-d5	7.09	46	65081	33.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.16%
24) Chloroform-d	7.65	84	223328	22.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	8.31	65	141617	23.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.00%
29) Benzene-d6	8.28	84	445412	22.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.80%
33) 1,2-Dichloropropane-d6	9.27	67	131671	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.16%
37) Toluene-d8	10.33	98	408837	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.56%
38) trans-1,3-Dichloropropene-	10.58	79	60541	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.36%
39) 2-Hexanone-d5	10.93	63	49915	35.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.72%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	104613	19.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	116726	23.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.32%

Target Compounds

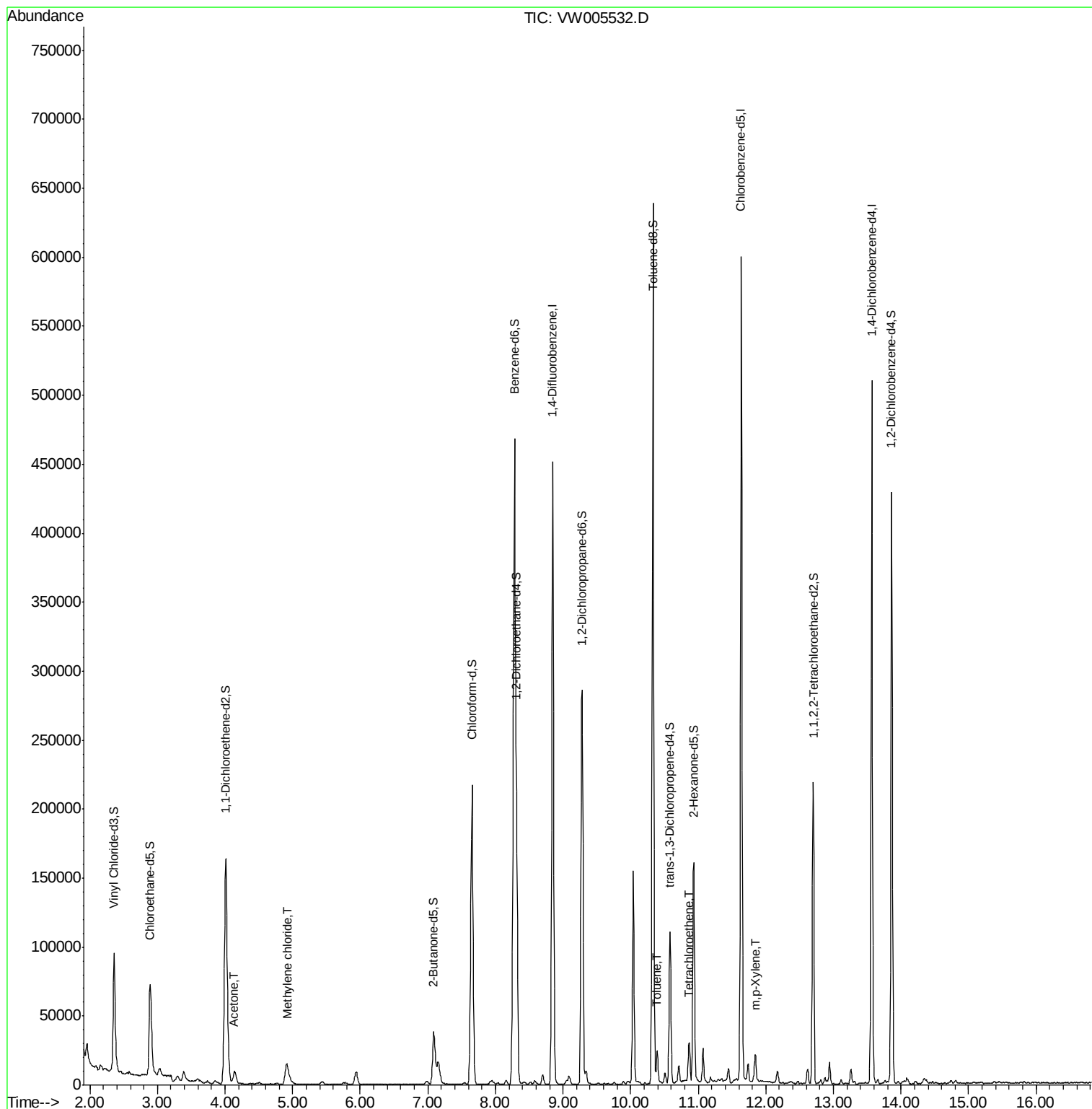
					Qvalue
13) Acetone	4.14	43	13227	7.970 ug/L	100
16) Methylene chloride	4.91	84	11357	1.861 ug/L	97
44) Toluene	10.40	91	16967	0.810 ug/L	92
47) Tetrachloroethene	10.87	164	6684	1.565 ug/L	97
54) m,p-Xylene	11.84	106	4910	0.550 ug/L	84

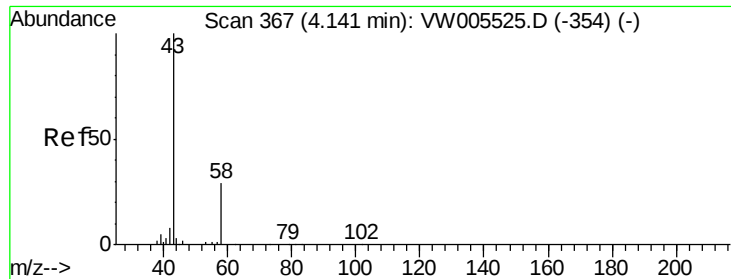
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.970 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 20 Sep 2018 13:57

Instrument :

MSVOA_W

ClientSampleId :

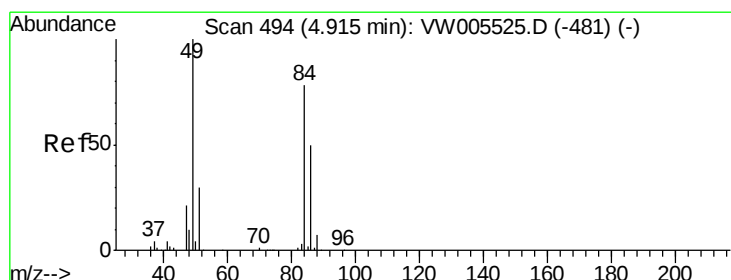
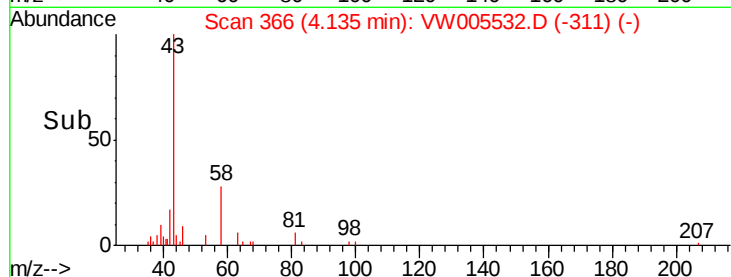
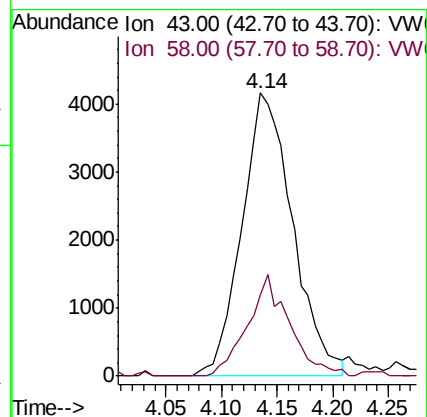
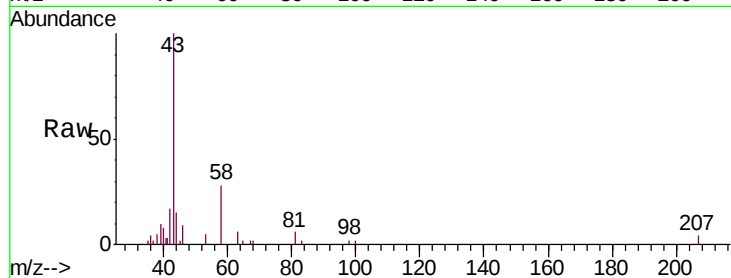
E5FD7

Tgt Ion: 43 Resp: 13227

Ion Ratio Lower Upper

43 100

58 29.6 0.0 59.2



#16

Methylene chloride

Concen: 1.861 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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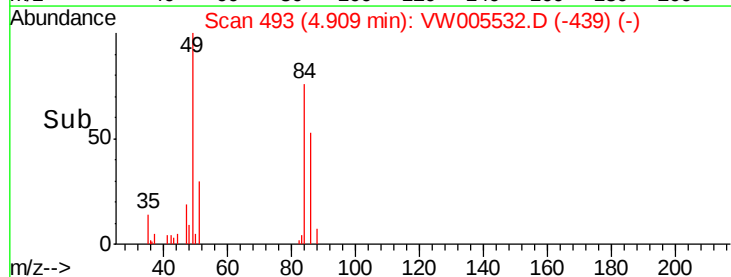
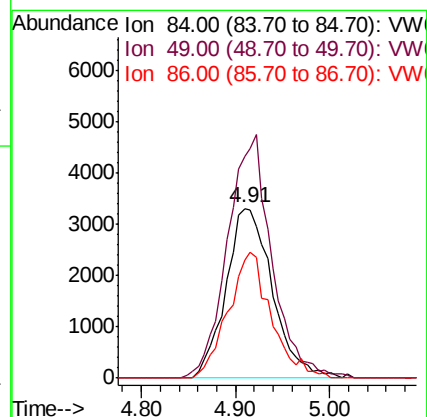
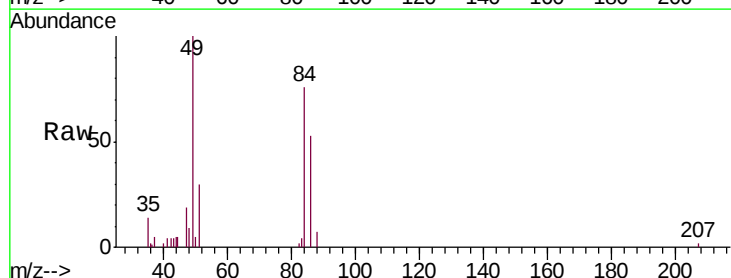
Tgt Ion: 84 Resp: 11357

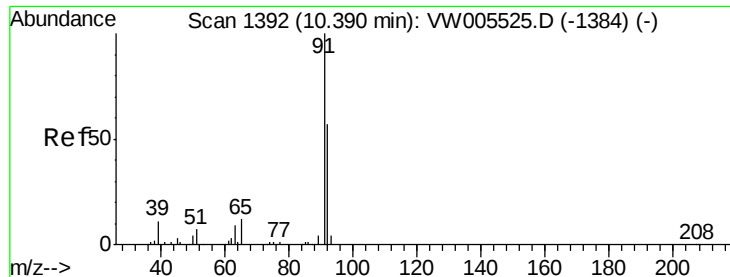
Ion Ratio Lower Upper

84 100

49 131.0 91.5 169.9

86 69.9 44.8 83.2





#44

Toluene

Concen: 0.810 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005532.D

Acq: 20 Sep 2018 13:57

Instrument :

MSVOA_W

ClientSampled :

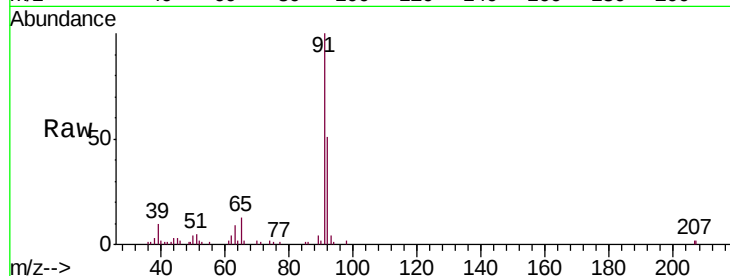
E5FD7

Tgt Ion: 91 Resp: 16967

Ion Ratio Lower Upper

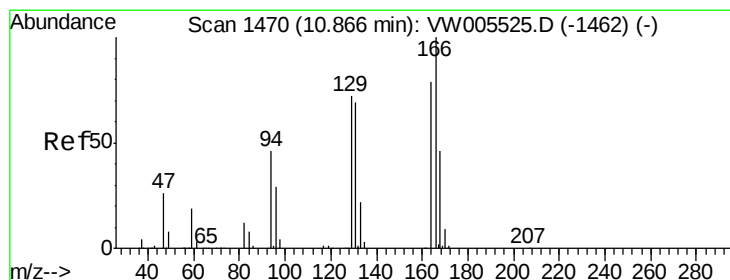
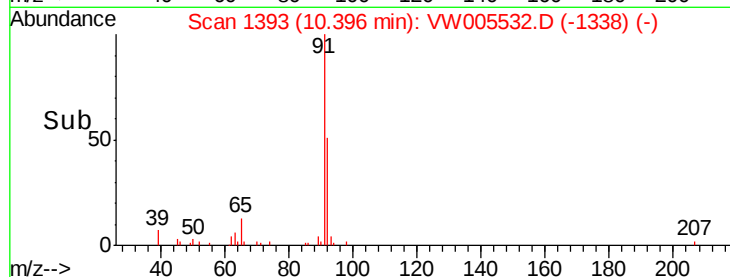
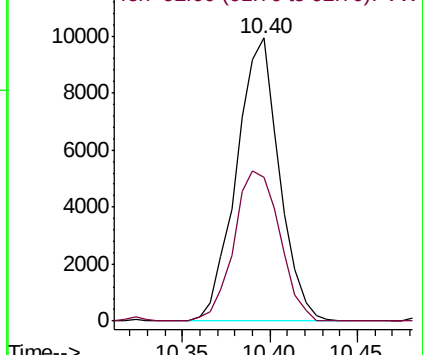
91 100

92 51.0 40.0 74.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#47

Tetrachloroethene

Concen: 1.565 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

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Acq: 20 Sep 2018 13:57

Tgt Ion: 164 Resp: 6684

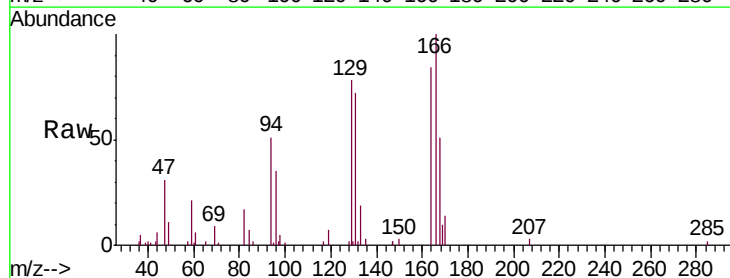
Ion Ratio Lower Upper

164 100

129 92.9 63.7 118.3

131 86.2 63.3 117.5

166 119.4 86.5 160.6

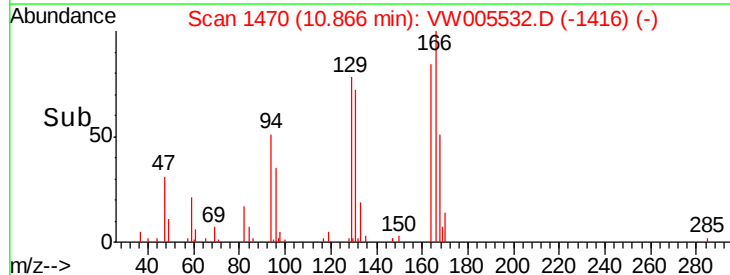
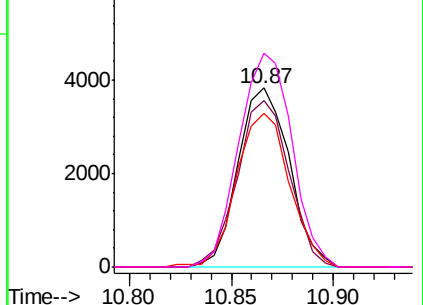


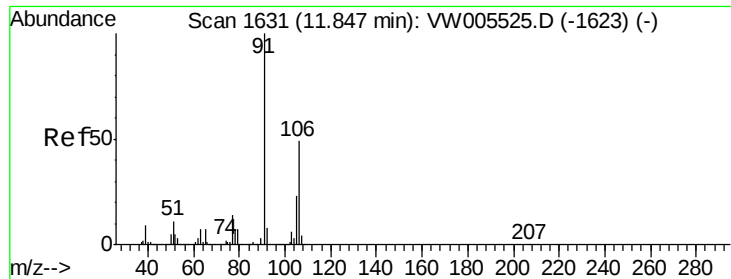
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#54
 m,p-Xylene
 Concen: 0.550 ug/L
 RT: 11.84 min Scan# 1630
 Delta R.T. -0.01 min
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 Acq: 20 Sep 2018 13:57

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FD7

Tgt Ion:106 Resp: 4910
 Ion Ratio Lower Upper
 106 100
 91 231.2 144.6 268.6

