

Data File : VW005535.D
Acq On : 20 Sep 2018 15:14
Operator : SY/AP
Sample : J4970-09
Misc : 6.46G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E5FE1

Quant Time: Oct 04 03:25:19 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	334862	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307341	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	124951	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116142	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.04%
7) Chloroethane-d5	2.90	69	91213	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.52%
10) 1,1-Dichloroethene-d2	4.01	63	187418	18.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.56%
20) 2-Butanone-d5	7.09	46	62040	35.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.52%
24) Chloroform-d	7.65	84	224991	24.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	8.31	65	136857	25.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.04%
29) Benzene-d6	8.28	84	448310	24.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.68%
33) 1,2-Dichloropropane-d6	9.28	67	132002	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.40%
37) Toluene-d8	10.33	98	412134	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	10.59	79	59352	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.93	63	46601	36.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.06%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	98973	19.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	122681	25.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.40%

Target Compounds

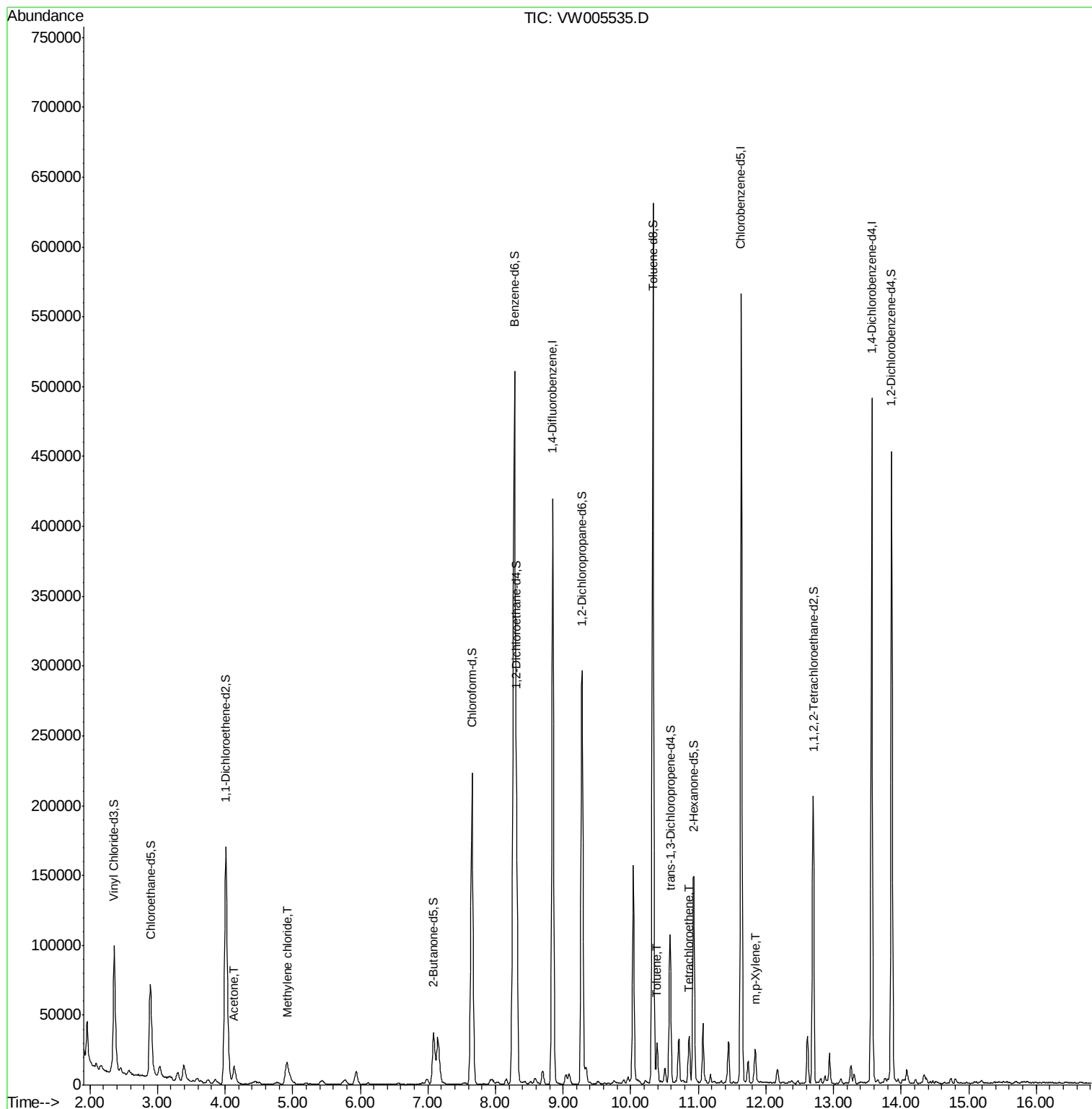
					Qvalue
13) Acetone	4.14	43	18691	12.407 ug/L	98
16) Methylene chloride	4.91	84	11880	2.145 ug/L	84
44) Toluene	10.39	91	20201	1.053 ug/L	91
47) Tetrachloroethene	10.87	164	7628	1.950 ug/L	93
54) m,p-Xylene	11.84	106	5764	0.705 ug/L	99

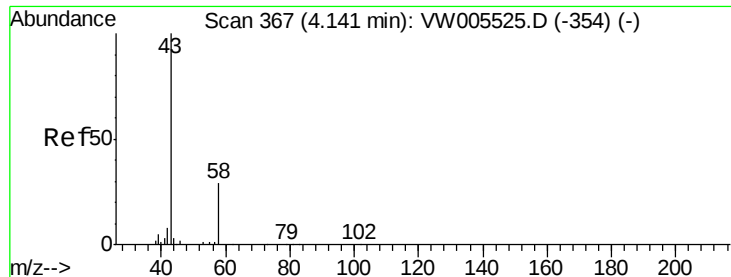
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.407 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 20 Sep 2018 15:14

Instrument :

MSVOA_W

ClientSampleId :

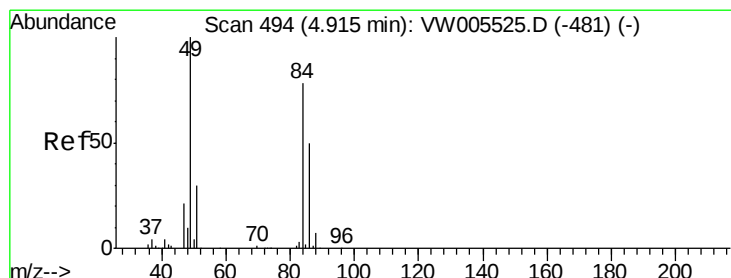
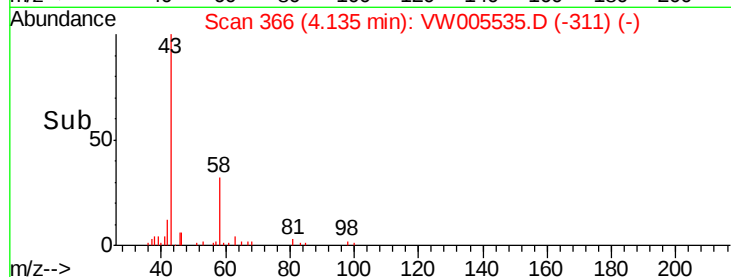
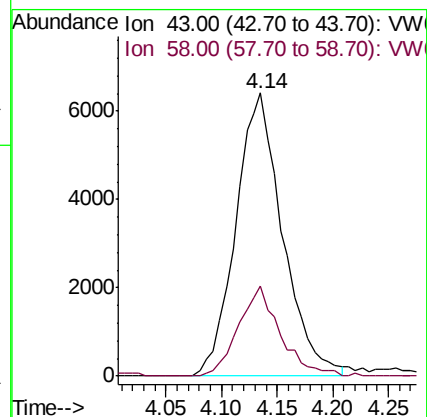
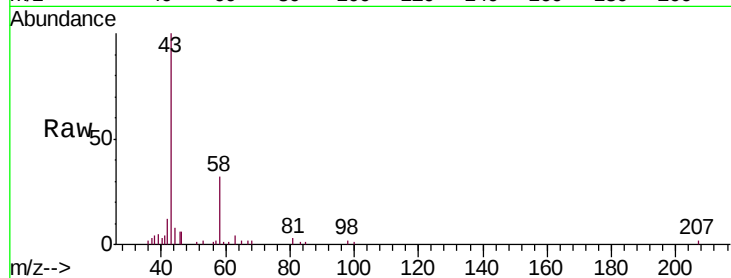
E5FE1

Tgt Ion: 43 Resp: 18691

Ion Ratio Lower Upper

43 100

58 28.3 0.0 59.2



#16

Methylene chloride

Concen: 2.145 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

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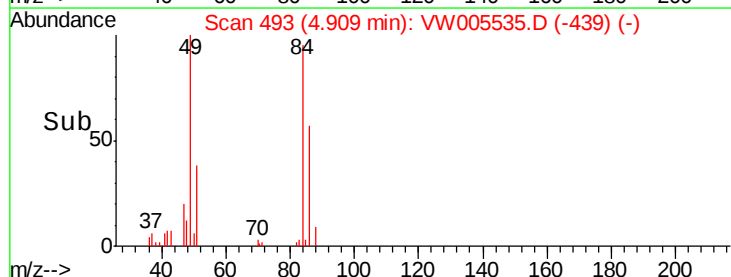
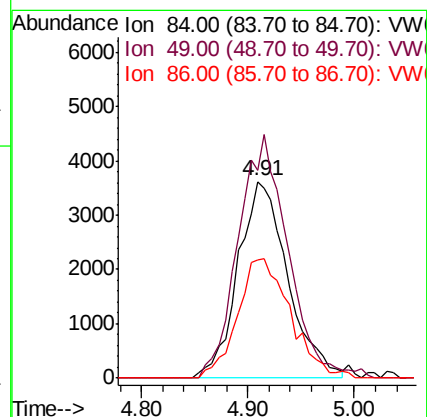
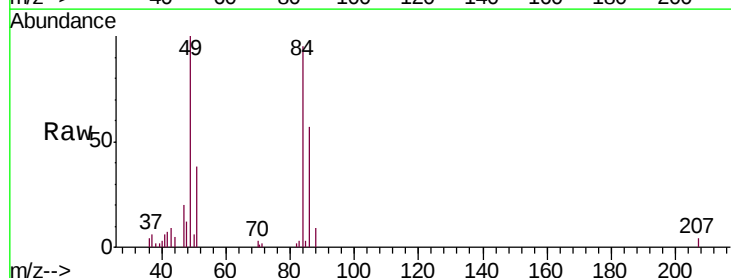
Tgt Ion: 84 Resp: 11880

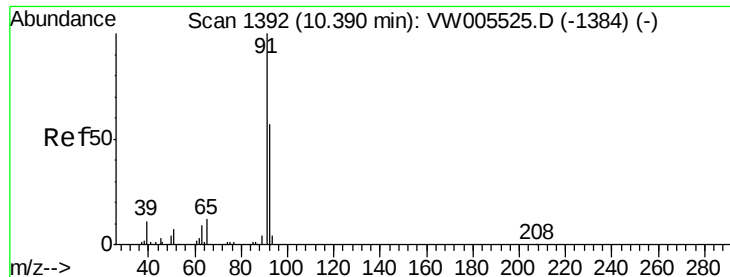
Ion Ratio Lower Upper

84 100

49 105.8 91.5 169.9

86 59.9 44.8 83.2





#44

Toluene

Concen: 1.053 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005535.D

Acq: 20 Sep 2018 15:14

Instrument :

MSVOA_W

ClientSampled :

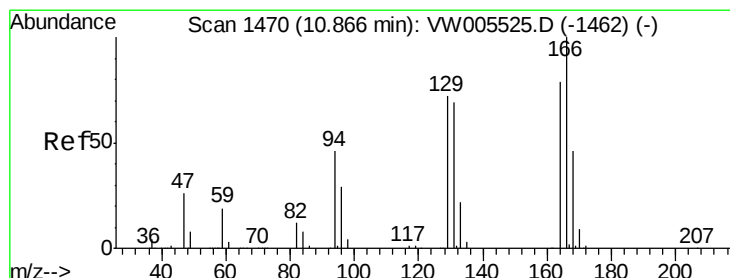
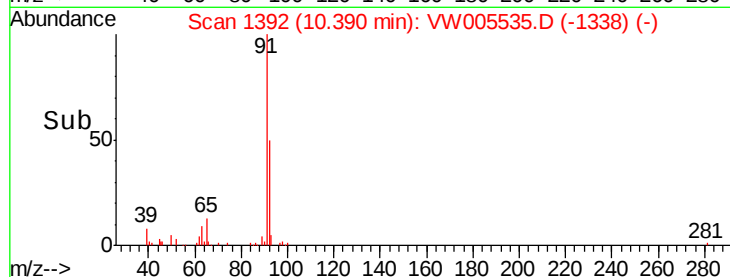
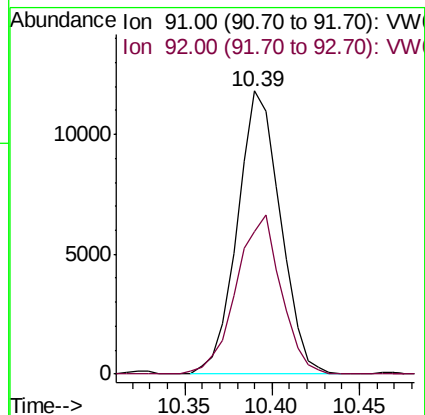
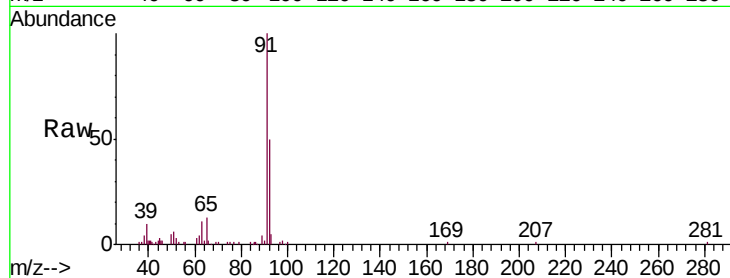
E5FE1

Tgt Ion: 91 Resp: 20201

Ion Ratio Lower Upper

91 100

92 50.2 40.0 74.2



#47

Tetrachloroethene

Concen: 1.950 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW005535.D

Acq: 20 Sep 2018 15:14

Tgt Ion: 164 Resp: 7628

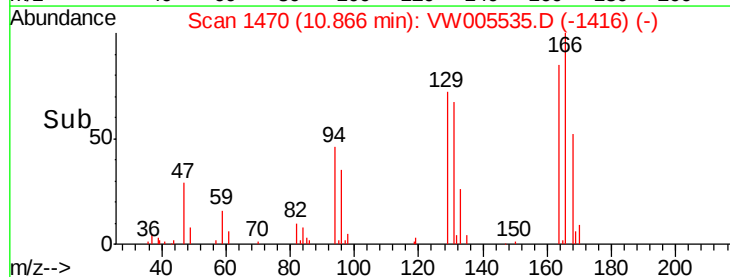
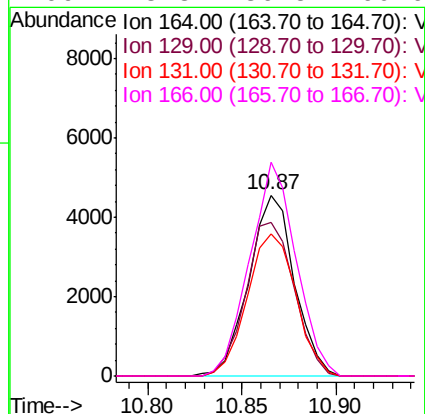
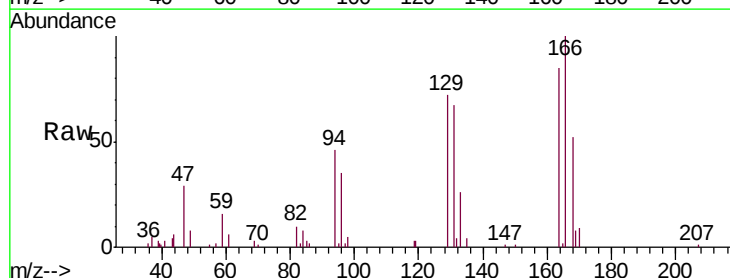
Ion Ratio Lower Upper

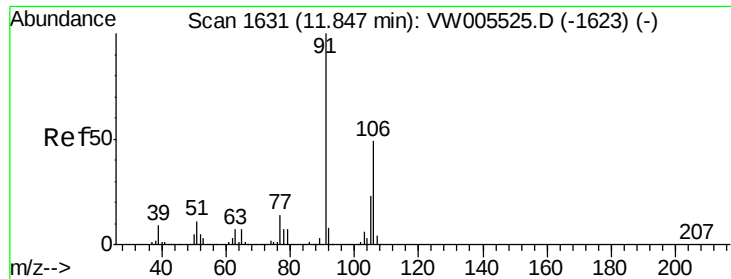
164 100

129 85.1 63.7 118.3

131 78.8 63.3 117.5

166 118.3 86.5 160.6





#54
 m,p-Xylene
 Concen: 0.705 ug/L
 RT: 11.84 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: VW005535.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 E5FE1

Tgt Ion:106 Resp: 5764
 Ion Ratio Lower Upper
 106 100
 91 205.8 144.6 268.6

