

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
 Data File : VW010947.D
 Acq On : 24 Jun 2019 23:04
 Operator : SY/VA
 Sample : K3456-15
 Misc : 3.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YANYO

Quant Time: Jun 25 04:14:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 02:43:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	149389	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	158905	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	65038	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	14632	7.56	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	30.24%
7) Chloroethane-d5	2.88	69	18229	12.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.84%
10) 1,1-Dichloroethene-d2	4.01	63	33699	7.36	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	29.44%#
20) 2-Butanone-d5	7.08	46	5914	6.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	13.00%#
24) Chloroform-d	7.65	84	109174	27.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	8.31	65	109713	43.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	175.72%#
29) Benzene-d6	8.27	84	133135	13.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	55.84%
33) 1,2-Dichloropropane-d6	9.27	67	98112	31.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.48%#
37) Toluene-d8	10.32	98	139489	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.80%
38) trans-1,3-Dichloropropene-	10.58	79	24293	17.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.64%
39) 2-Hexanone-d5	10.93	63	2606	3.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	7.36%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97855	37.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	150.64%#
61) 1,2-Dichlorobenzene-d4	13.86	152	73251	29.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.36%

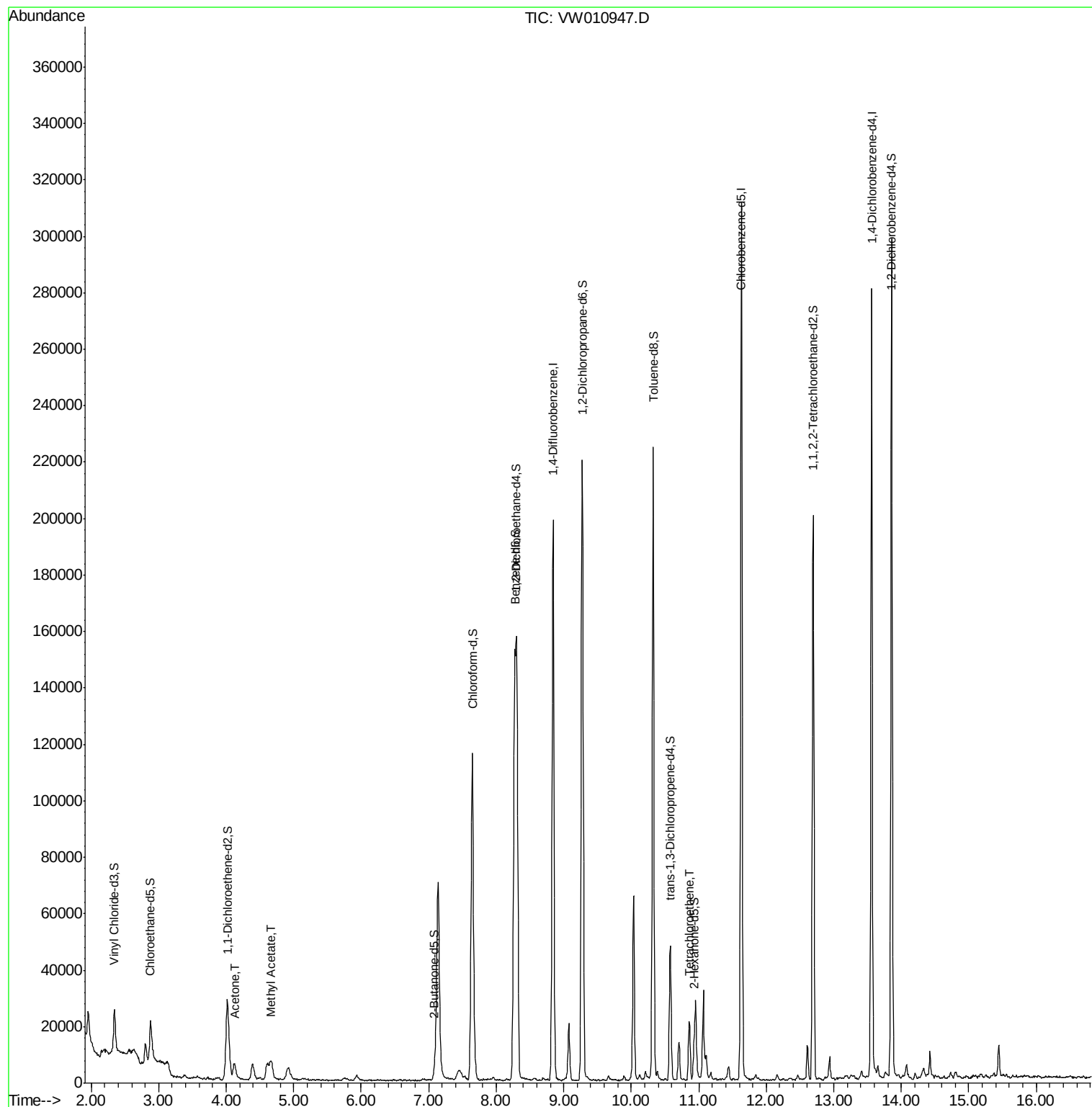
Target Compounds					Ovalue
13) Acetone	4.12	43	11132	12.783	ug/L 100
15) Methyl Acetate	4.67	43	12256	8.131	ug/L 96
47) Tetrachloroethene	10.86	164	4354	2.168	ug/L 89

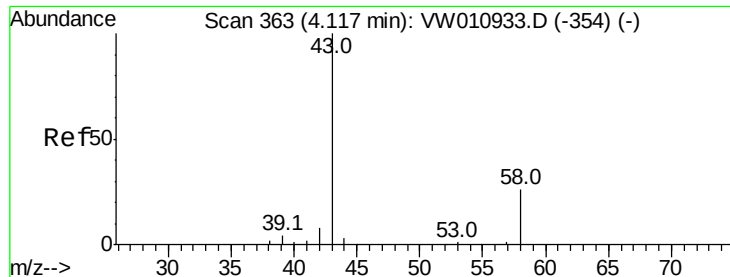
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.783 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

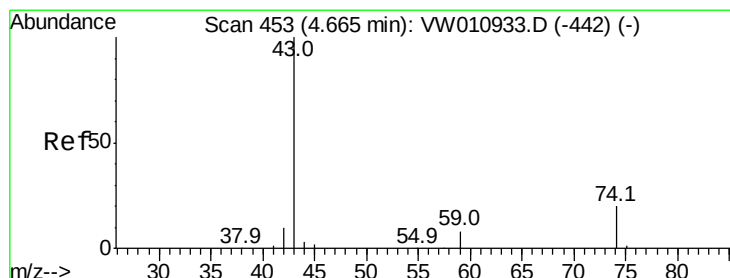
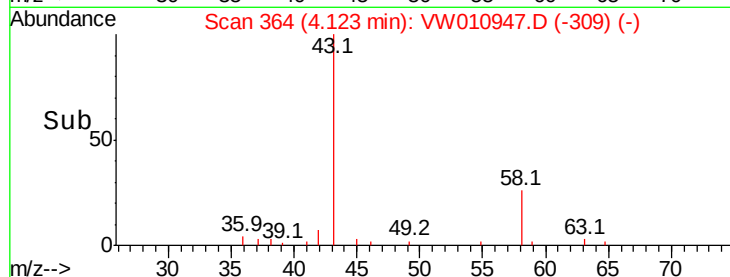
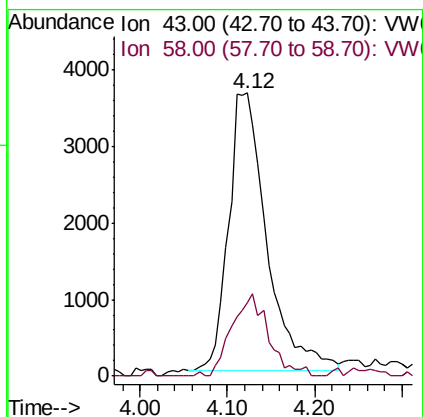
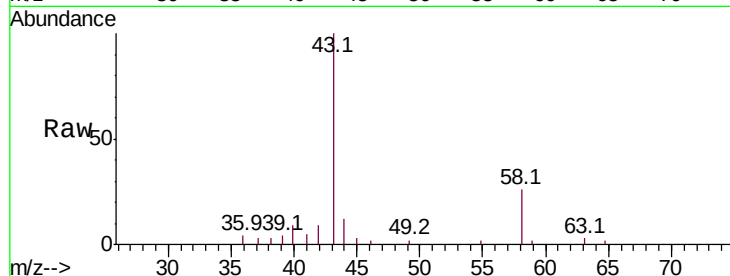
YANYO

Tot Ion: 43 Resp: 11132

Ion Ratio Lower Upper

43 100

58 26.5 0.0 53.2



#15

Methyl Acetate

Concen: 8.131 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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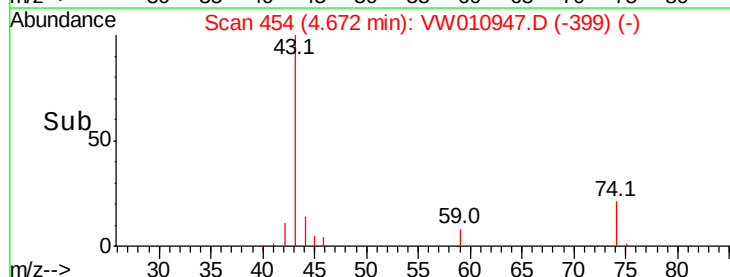
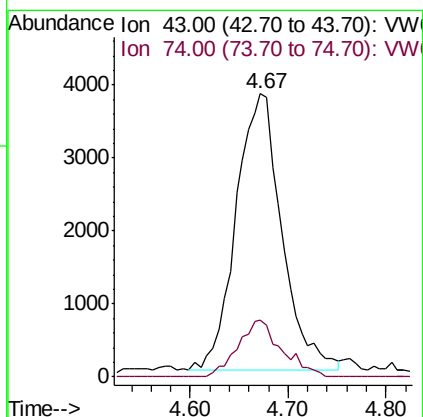
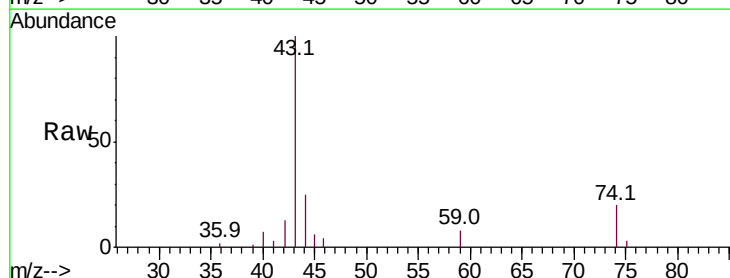
Acq: 24 Jun 2019 23:04

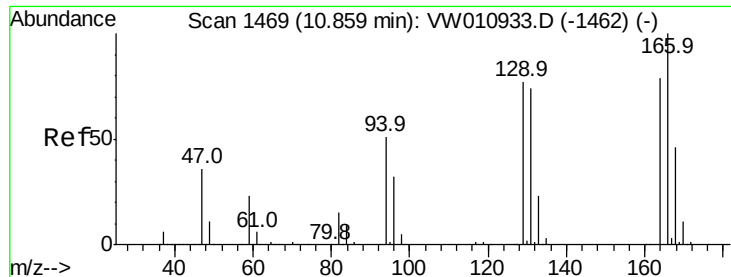
Tgt Ion: 43 Resp: 12256

Ion Ratio Lower Upper

43 100

74 17.5 15.3 22.9





#47

Tetrachloroethene

Concen: 2.168 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW010947.D

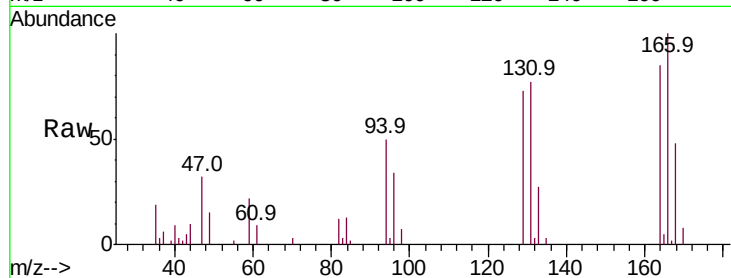
Acq: 24 Jun 2019 23:04

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MSVOA_W

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YANYO



Tot Ion:164 Resp: 4354

Ion Ratio Lower Upper

164 100

129 85.3 69.6 129.2

131 89.6 66.8 124.0

166 117.0 91.2 169.4

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

