

Data File : VW010948.D
Acq On : 24 Jun 2019 23:31
Operator : SY/VA
Sample : K3456-16
Misc : 4.50G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANY1

Quant Time: Jun 25 02:50:55 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	165962	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	189969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	84121	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	18648	8.67	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	34.68%
7) Chloroethane-d5	2.88	69	22244	13.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.64%
10) 1,1-Dichloroethene-d2	4.01	63	41020	8.07	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	32.28%#
20) 2-Butanone-d5	7.14	46	1652	1.64	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.28%#
24) Chloroform-d	7.65	84	117120	26.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.68%
26) 1,2-Dichloroethane-d4	8.31	65	111513	40.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	160.76%#
29) Benzene-d6	8.27	84	216669	19.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.00%
33) 1,2-Dichloropropane-d6	9.27	67	100644	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.84%
37) Toluene-d8	10.32	98	192214	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.72%
38) trans-1,3-Dichloropropene-	10.58	79	30829	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.92%
39) 2-Hexanone-d5	10.93	63	93	0.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.22%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106650	34.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.36%#
61) 1,2-Dichlorobenzene-d4	13.85	152	90089	28.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.48%

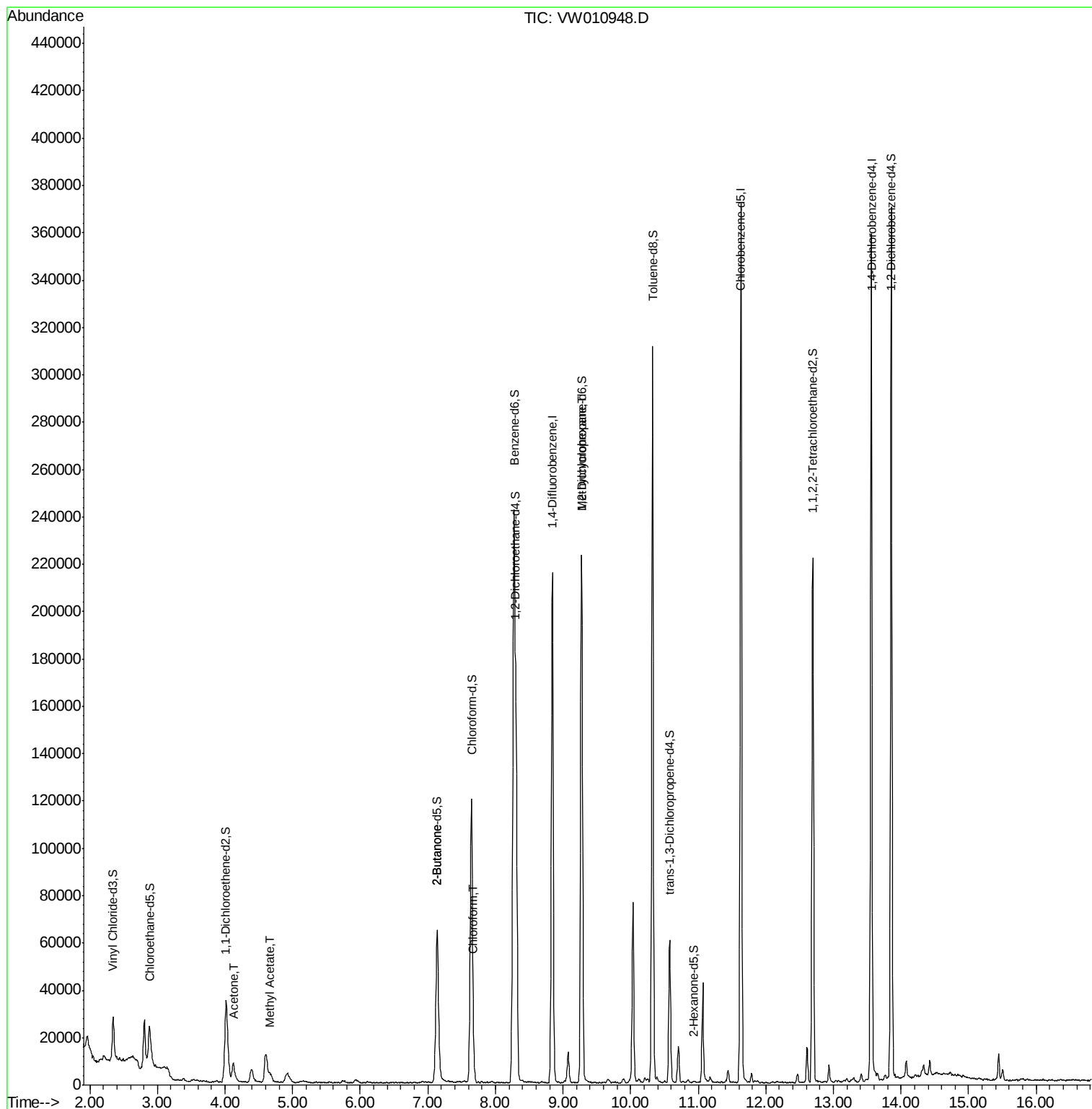
Target Compounds					Qvalue
13) Acetone	4.12	43	13953	14.423 ug/L	98
15) Methyl Acetate	4.66	43	6413	3.830 ug/L #	88
21) 2-Butanone	7.13	43	2569	2.019 ug/L #	58
25) Chloroform	7.68	83	4633	1.058 ug/L	77
36) Methylcyclohexane	9.27	83	23274	4.005 ug/L #	14

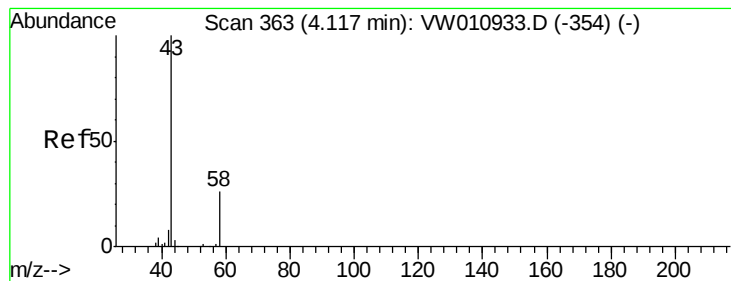
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.423 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

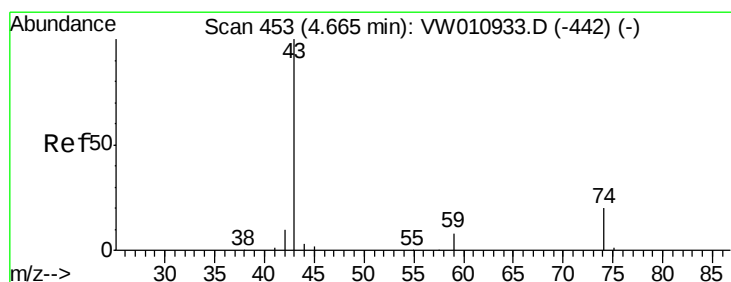
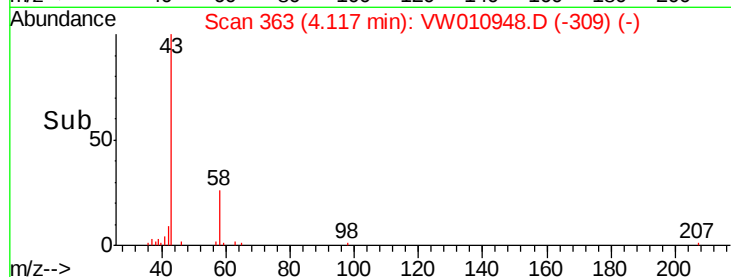
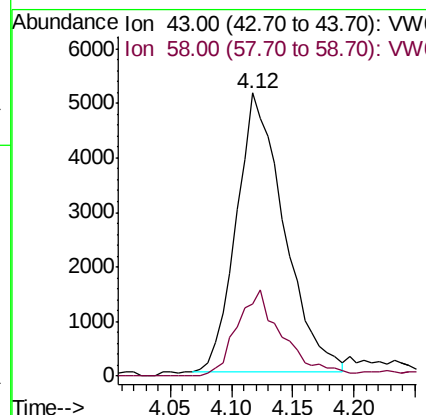
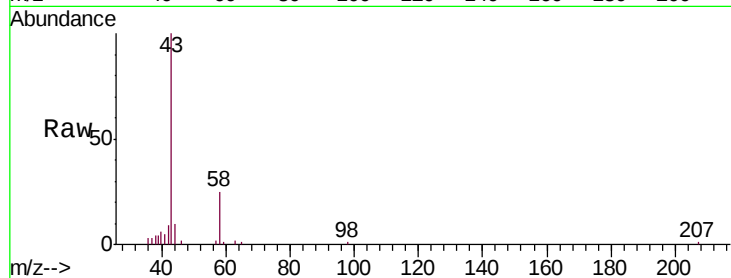
YANY1

Tgt Ion: 43 Resp: 13953

Ion Ratio Lower Upper

43 100

58 27.5 0.0 53.2



#15

Methyl Acetate

Concen: 3.830 ug/L

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

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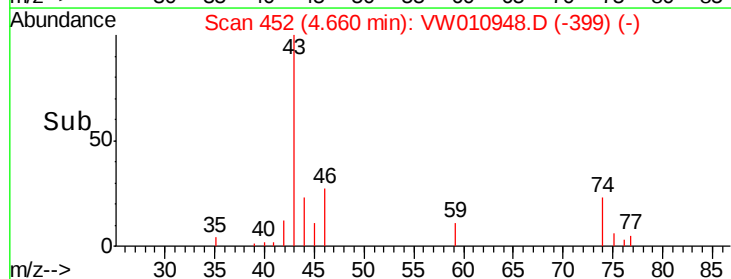
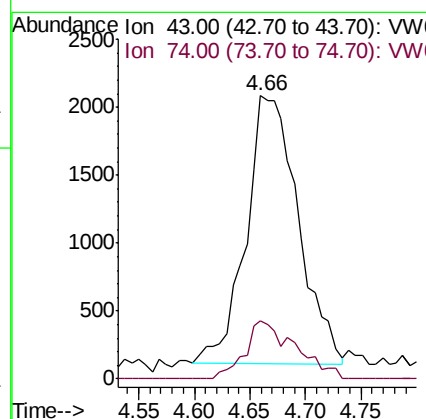
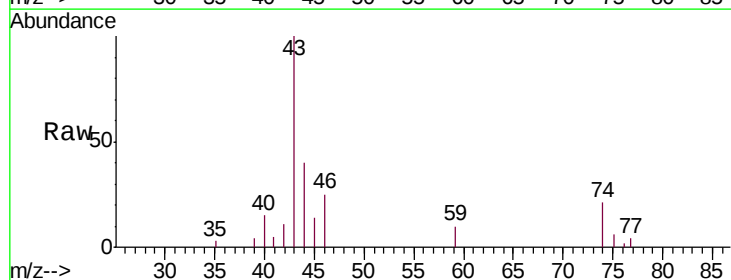
Acq: 24 Jun 2019 23:31

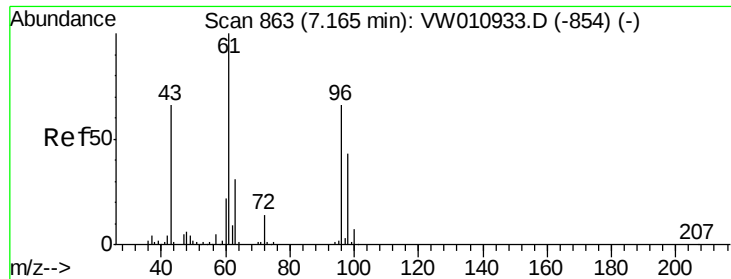
Tgt Ion: 43 Resp: 6413

Ion Ratio Lower Upper

43 100

74 13.5 15.3 22.9#

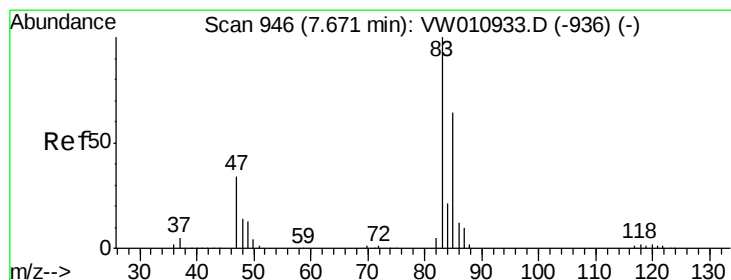
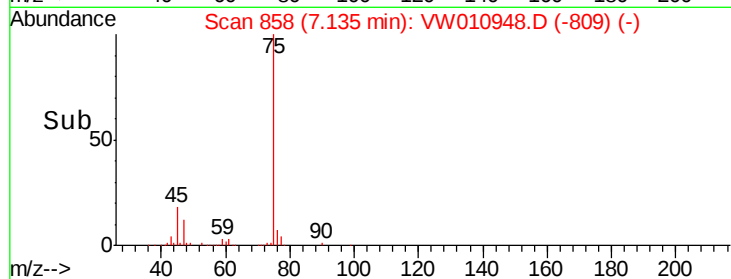
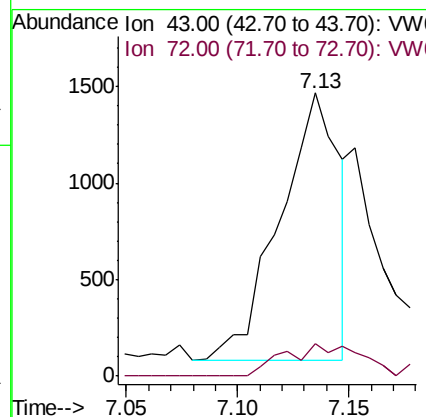
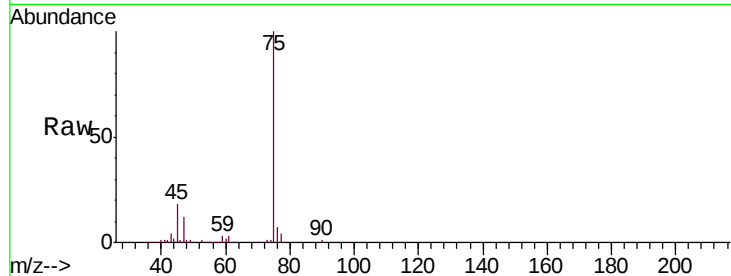




#21
2-Butanone
Concen: 2.019 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
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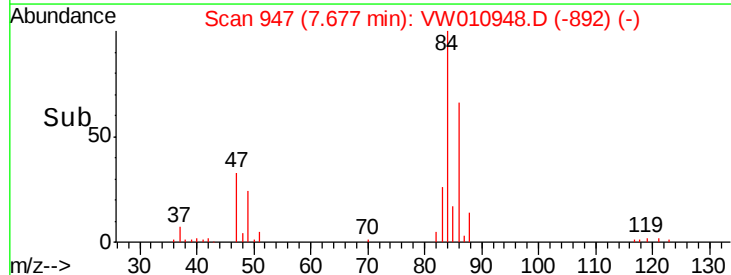
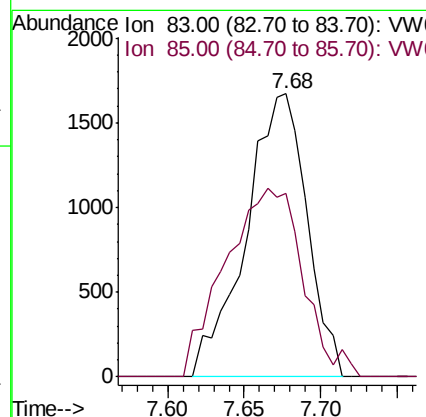
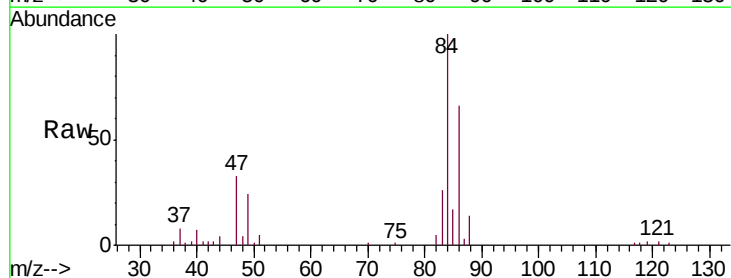
Instrument :
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ClientSampled :
YANY1

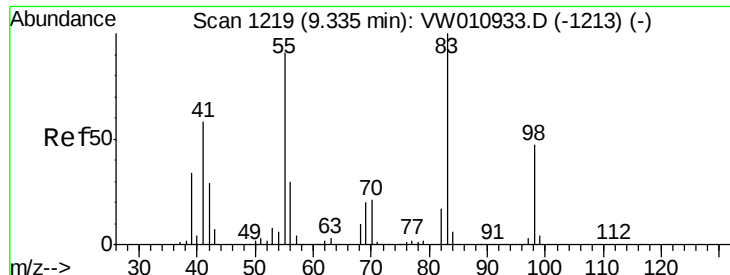
Tgt Ion: 43 Resp: 2569
Ion Ratio Lower Upper
43 100
72 1.8 10.9 32.6#



#25
Chloroform
Concen: 1.058 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW010948.D
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Tgt Ion: 83 Resp: 4633
Ion Ratio Lower Upper
83 100
85 83.1 45.6 84.8





#36
Methylcyclohexane
Concen: 4.005 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010948.D
Acq: 24 Jun 2019 23:31

Instrument :
MSVOA_W
ClientSampleId :
YANY1

Tgt Ion: 83 Resp: 23274

Ion	Ratio	Lower	Upper
83	100		
55	0.4	72.2	108.2#
98	1.9	37.8	56.8#

