

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072219\
 Data File : VW011428.D
 Acq On : 22 Jul 2019 19:04
 Operator : SY/VA
 Sample : K3863-12
 Misc : 5.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F2

Quant Time: Jul 23 05:35:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 04:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	407750	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339655	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123445	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	145677	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.04%
7) Chloroethane-d5	2.89	69	105552	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.48%
10) 1,1-Dichloroethene-d2	4.02	63	239689	19.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.76%
20) 2-Butanone-d5	7.07	46	126929	54.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.52%
24) Chloroform-d	7.65	84	269567	25.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.28%
26) 1,2-Dichloroethane-d4	8.31	65	172969	27.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.44%
29) Benzene-d6	8.27	84	565829	27.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.44%
33) 1,2-Dichloropropane-d6	9.27	67	186388	28.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.28%
37) Toluene-d8	10.32	98	467482	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.72%
38) trans-1,3-Dichloropropene-	10.58	79	75447	26.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.16%
39) 2-Hexanone-d5	10.93	63	93325	65.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140544	26.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	112113	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

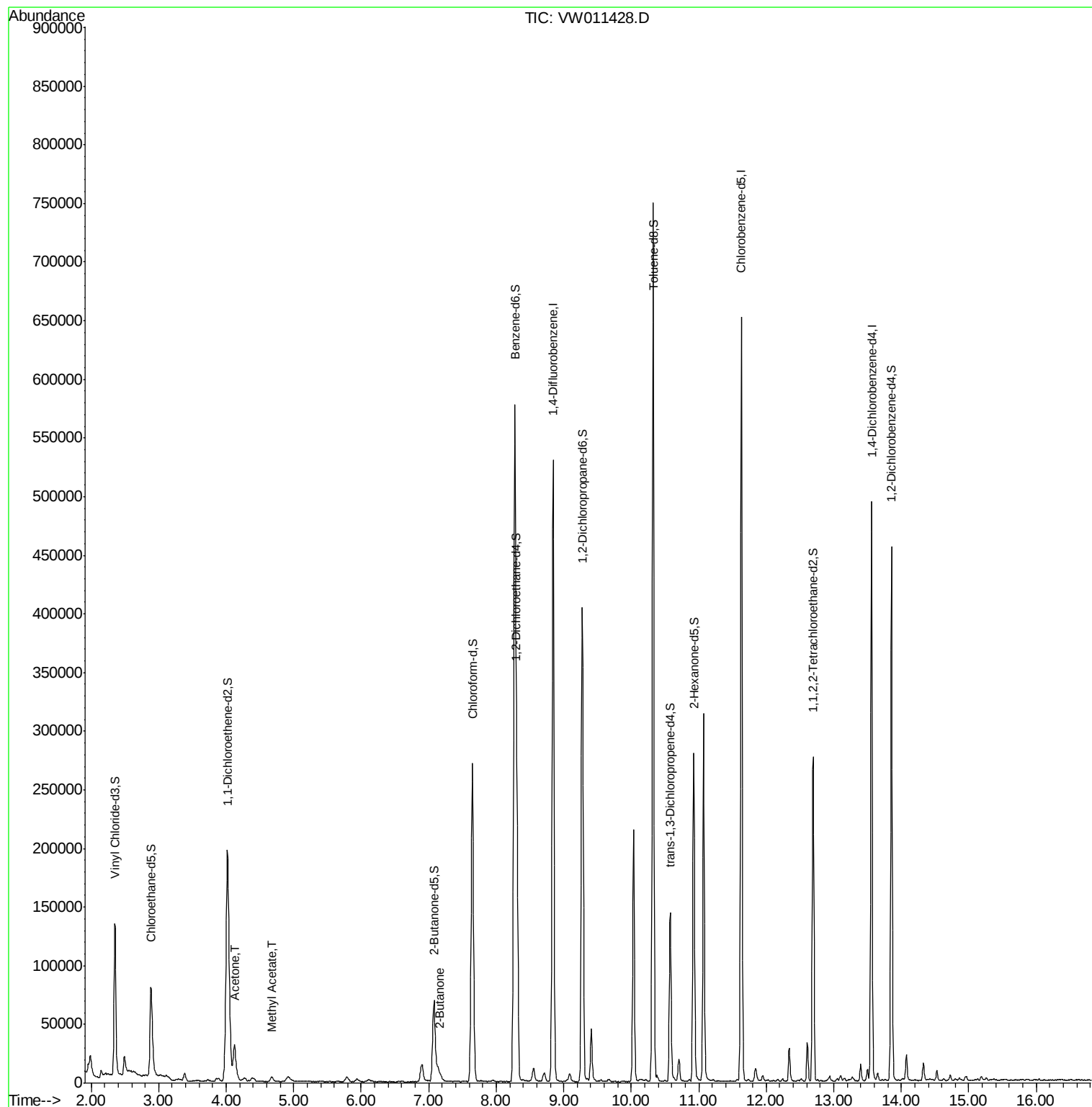
Target Compounds					Ovalue
13) Acetone	4.12	43	52512	21.413 ug/L	94
15) Methyl Acetate	4.67	43	8494	2.256 ug/L	94
21) 2-Butanone	7.17	43	6681	2.120 ug/L	87

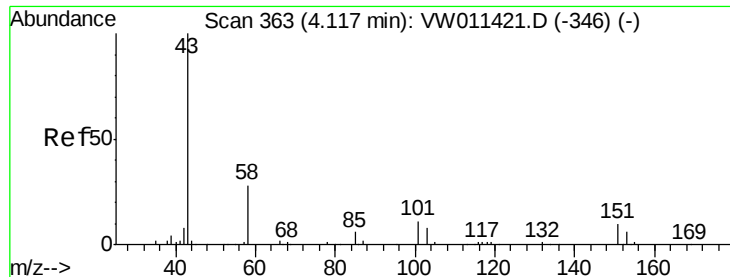
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.413 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011428.D

Acq: 22 Jul 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

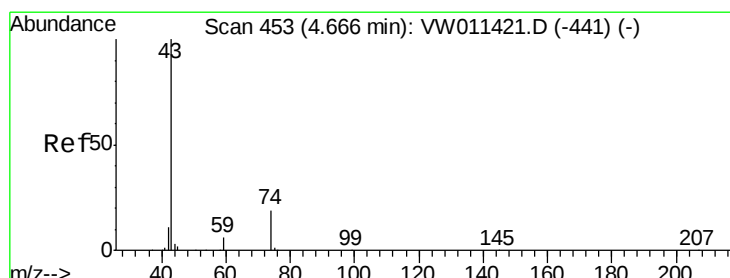
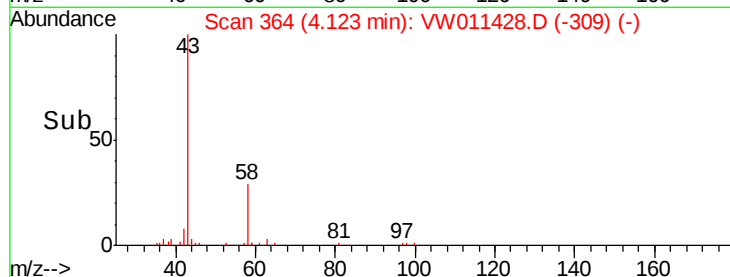
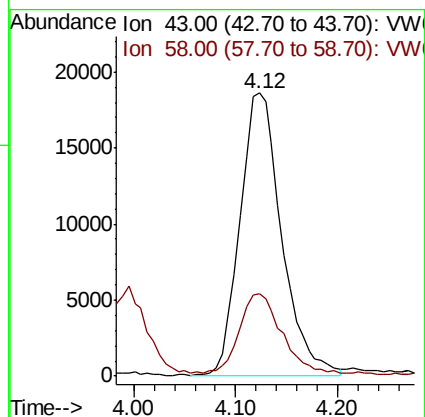
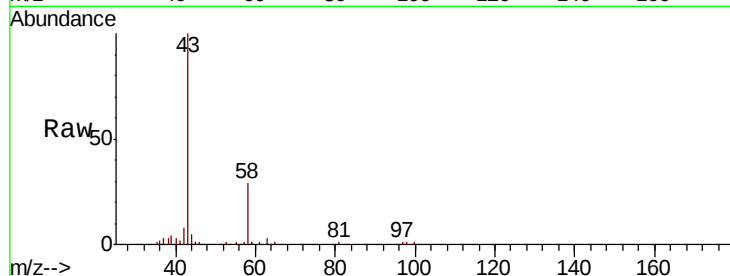
A52F2

Tot Ion: 43 Resp: 52512

Ion Ratio Lower Upper

43 100

58 31.5 0.0 57.2



#15

Methyl Acetate

Concen: 2.256 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011428.D

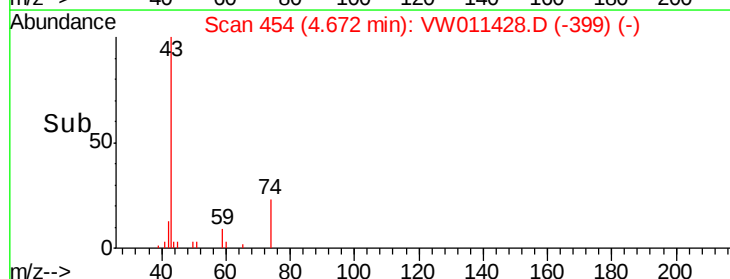
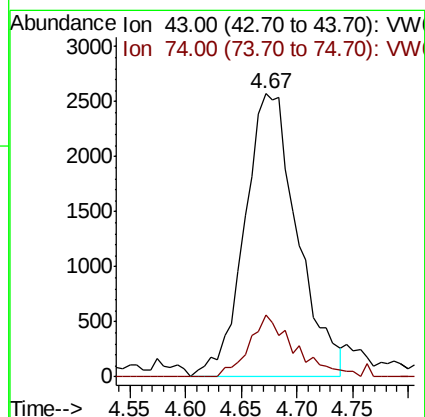
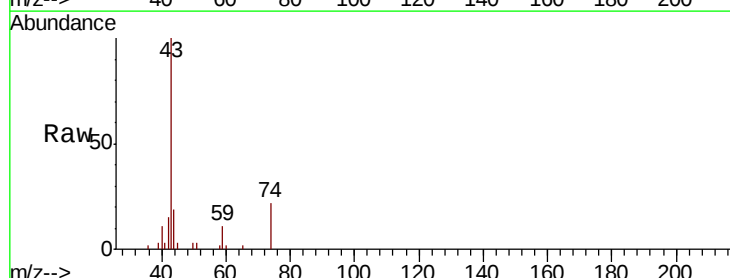
Acq: 22 Jul 2019 19:04

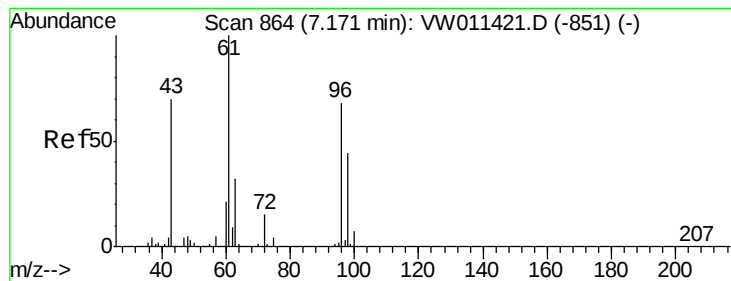
Tgt Ion: 43 Resp: 8494

Ion Ratio Lower Upper

43 100

74 16.2 15.2 22.8





#21

2-Butanone

Concen: 2.120 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011428.D

Acq: 22 Jul 2019 19:04

Instrument :
MSVOA_W
ClientSampleId :
A52F2

Tot Ion: 43 Resp: 6681

Ion Ratio Lower Upper

43 100

72 15.0 10.5 31.6

