

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
 Data File : VW010235.D
 Acq On : 01 May 2019 03:47
 Operator : SY/VA
 Sample : K2602-13
 Misc : 4.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFHD8

Quant Time: May 01 07:38:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 03:52:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	467821	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431266	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161839	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90919	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.52%
7) Chloroethane-d5	2.89	69	88243	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.12%
10) 1,1-Dichloroethene-d2	4.01	63	173074	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	7.08	46	96284	49.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.38%
24) Chloroform-d	7.65	84	303987	25.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.28%
26) 1,2-Dichloroethane-d4	8.30	65	187184	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.48%
29) Benzene-d6	8.27	84	509380	21.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.72%
33) 1,2-Dichloropropane-d6	9.27	67	183352	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	10.32	98	415145	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.64%
38) trans-1,3-Dichloropropene-	10.58	79	52964	15.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.36%
39) 2-Hexanone-d5	10.93	63	58220	38.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154502	24.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	147071	24.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.84%

Target Compounds

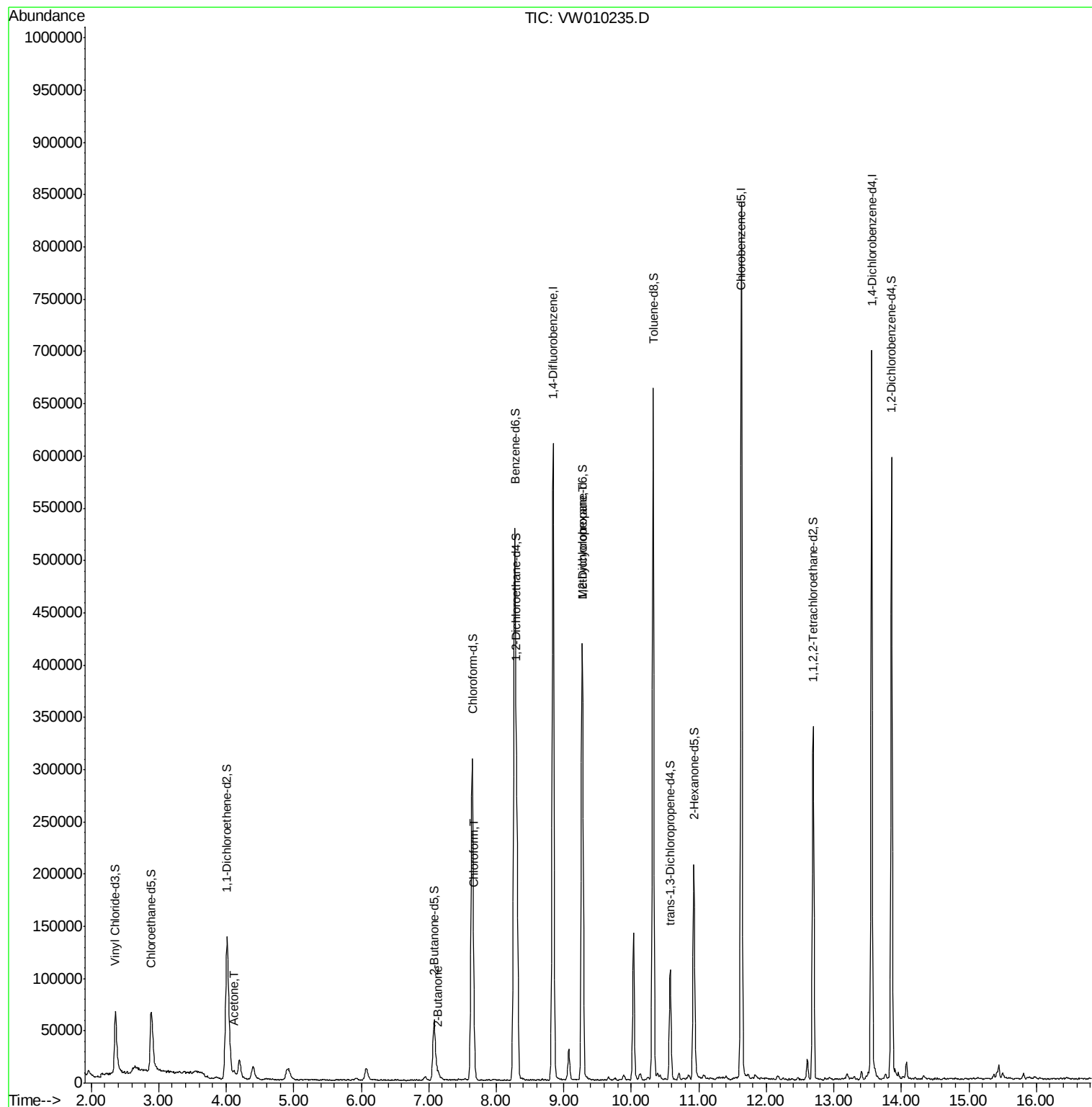
					Qvalue
13) Acetone	4.12	43	10185	6.584 ug/L	91
21) 2-Butanone	7.15	43	7525	3.469 ug/L #	52
25) Chloroform	7.67	83	9622	0.843 ug/L	87
36) Methylcyclohexane	9.27	83	44630	4.156 ug/L #	18

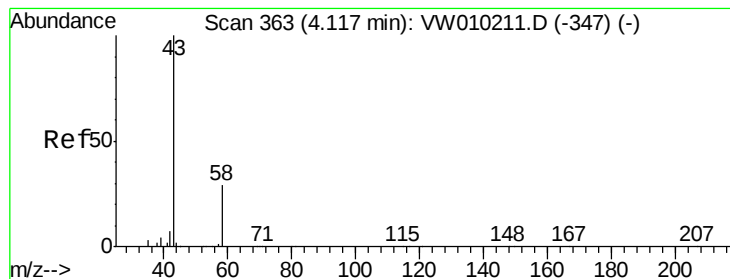
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.584 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW010235.D

Acq: 01 May 2019 03:47

Instrument :

MSVOA_W

ClientSampled :

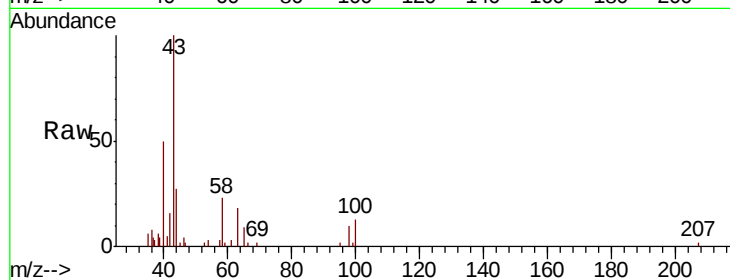
BFHD8

Tgt Ion: 43 Resp: 10185

Ion Ratio Lower Upper

43 100

58 25.2 0.0 59.8



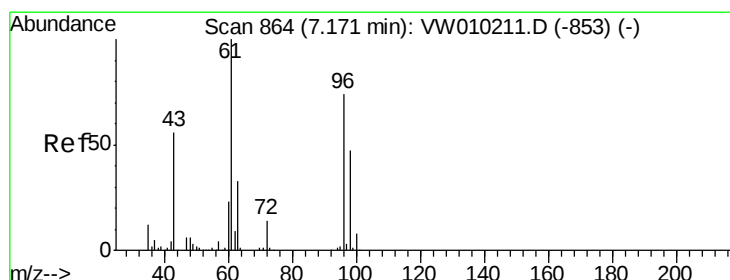
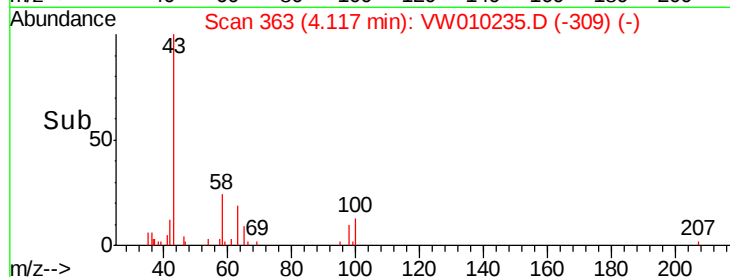
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4.05 4.10 4.15 4.20

Time-->



#21

2-Butanone

Concen: 3.469 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW010235.D

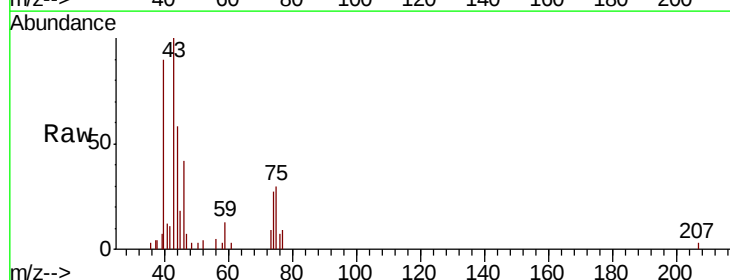
Acq: 01 May 2019 03:47

Tgt Ion: 43 Resp: 7525

Ion Ratio Lower Upper

43 100

72 1.2 12.8 38.3#



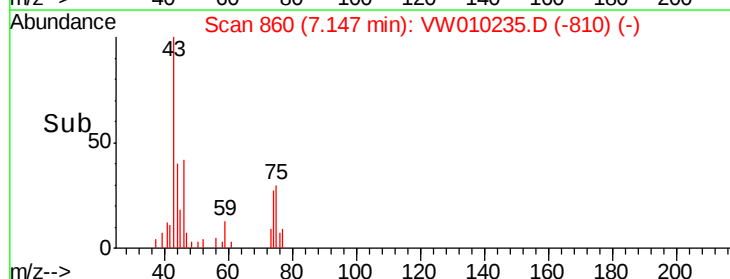
Abundance Ion 43.00 (42.70 to 43.70): VW

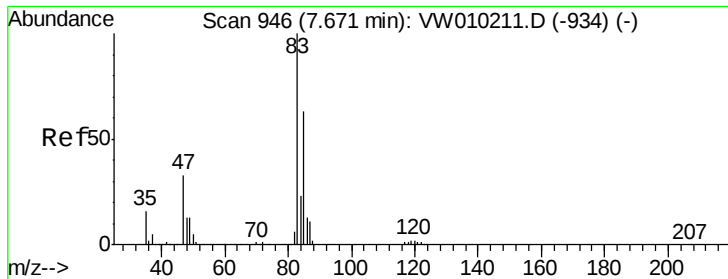
Ion 72.00 (71.70 to 72.70): VW

7.15

7.05 7.10 7.15 7.20

Time-->

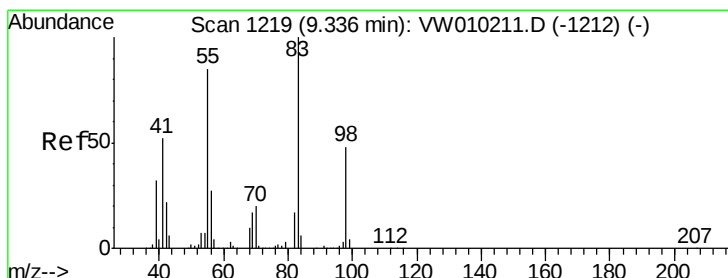
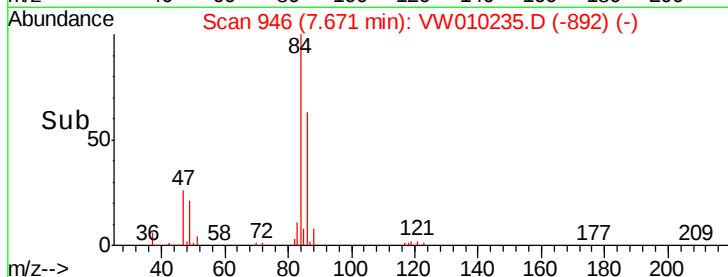
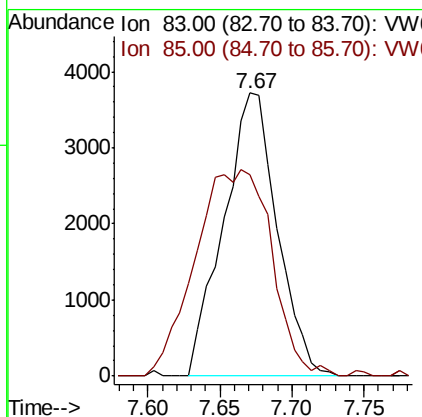
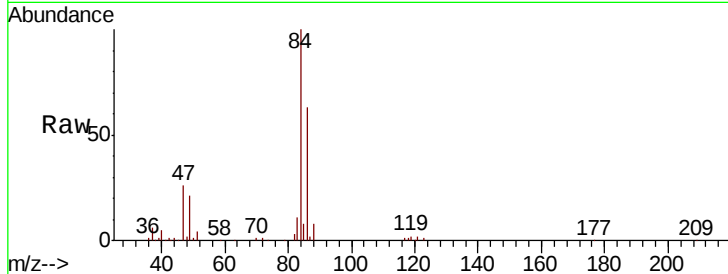




#25
Chloroform
Concen: 0.843 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
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Instrument :
MSVOA_W
ClientSampled :
BFHD8

Tgt Ion: 83 Resp: 9622
Ion Ratio Lower Upper
83 100
85 55.9 46.3 85.9



#36
Methylcyclohexane
Concen: 4.156 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010235.D
Acq: 01 May 2019 03:47

Tgt Ion: 83 Resp: 44630
Ion Ratio Lower Upper
83 100
55 1.0 64.5 96.7#
98 2.6 39.4 59.2#

