

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080519\
 Data File : VW011704.D
 Acq On : 05 Aug 2019 11:42
 Operator : SY/VA
 Sample : K4116-11RE
 Misc : 3.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 J1LE1RE

Quant Time: Aug 06 04:40:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 04:37:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	200666	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	110155	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	21301	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	91684	32.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.80%
7) Chloroethane-d5	2.89	69	77038	37.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	151.40%#
10) 1,1-Dichloroethene-d2	4.01	63	146395	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.40%
20) 2-Butanone-d5	7.07	46	89964	70.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.42%#
24) Chloroform-d	7.65	84	189115	34.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	137.28%
26) 1,2-Dichloroethane-d4	8.31	65	107165	32.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	131.44%#
29) Benzene-d6	8.27	84	329702	47.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	190.40%#
33) 1,2-Dichloropropane-d6	9.27	67	124408	55.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	222.56%#
37) Toluene-d8	10.32	98	214776	34.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	139.76%#
38) trans-1,3-Dichloropropene-	10.58	79	25133	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.56%
39) 2-Hexanone-d5	10.93	63	41091	78.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.34%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72012	38.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	155.12%#
61) 1,2-Dichlorobenzene-d4	13.85	152	23816	29.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.04%

Target Compounds

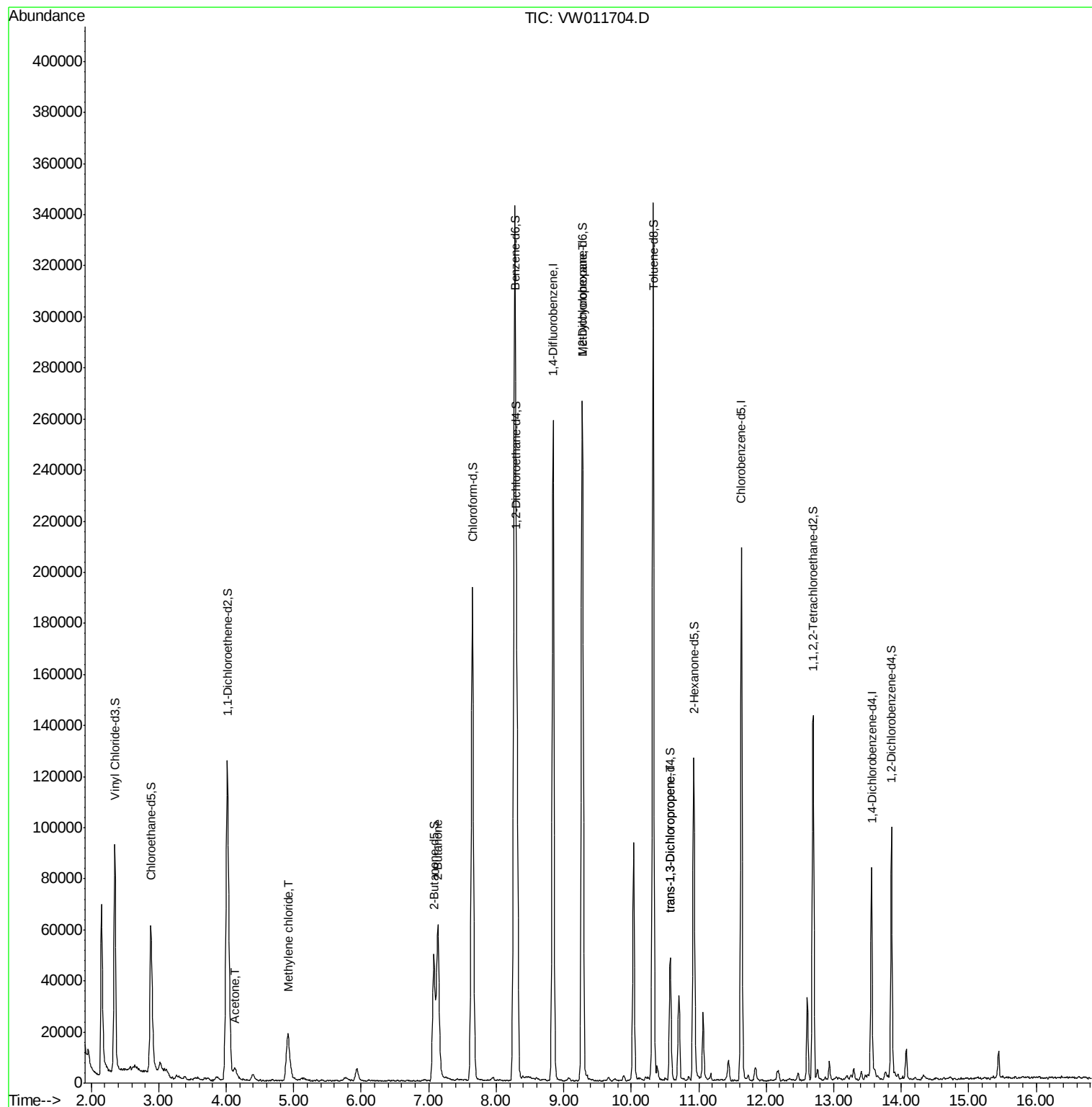
					Qvalue
13) Acetone	4.13	43	6784	4.979 ug/L	88
16) Methylene chloride	4.93	84	14199	4.534 ug/L	87
21) 2-Butanone	7.13	43	3657	2.141 ug/L	80
36) Methylcyclohexane	9.27	83	28610	8.048 ug/L #	14
45) trans-1,3-Dichloropropene	10.57	75	1258	0.491 ug/L #	50

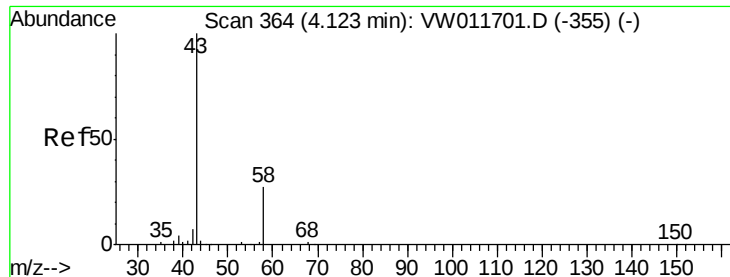
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.979 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011704.D

Acq: 05 Aug 2019 11:42

Instrument :

MSVOA_W

ClientSampled :

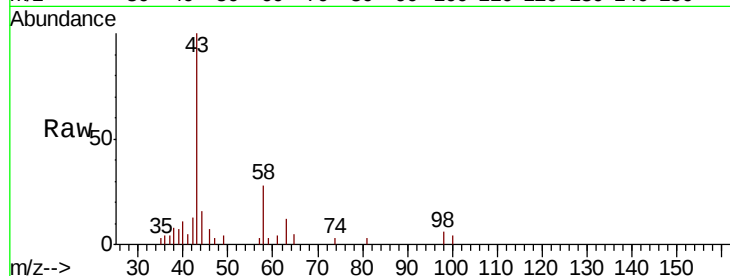
JLLE1RE

Tgt Ion: 43 Resp: 6784

Ion Ratio Lower Upper

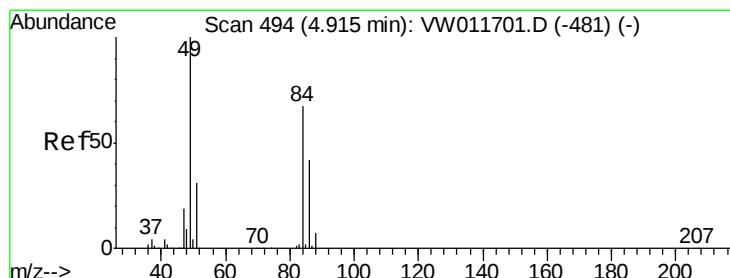
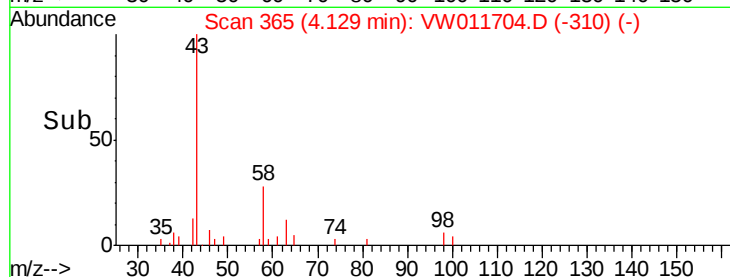
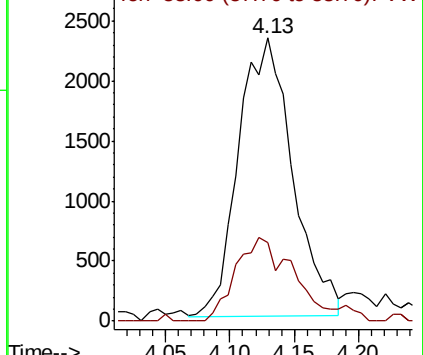
43 100

58 20.7 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.534 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW011704.D

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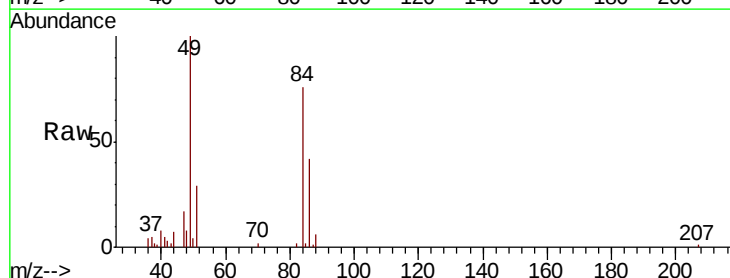
Tgt Ion: 84 Resp: 14199

Ion Ratio Lower Upper

84 100

49 132.0 106.8 198.4

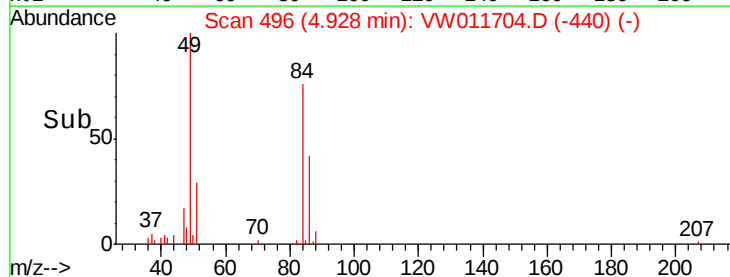
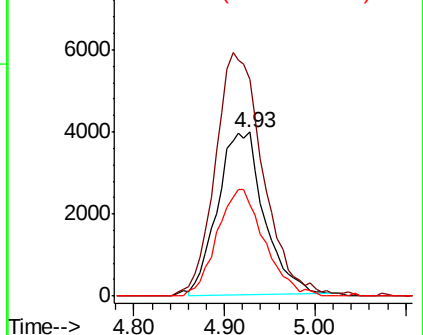
86 55.8 42.8 79.4

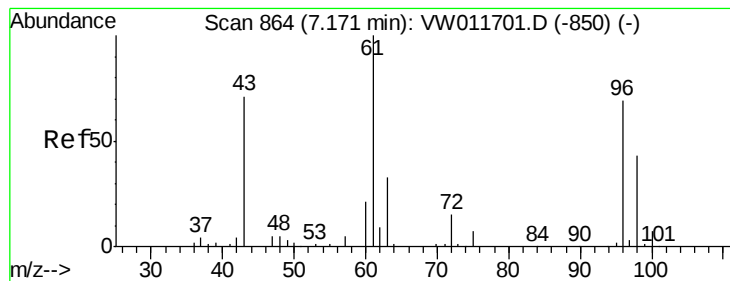


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 2.141 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

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Instrument :

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ClientSampleId :

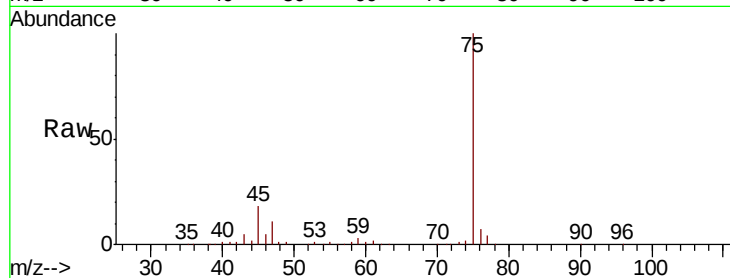
JLLE1RE

Tgt Ion: 43 Resp: 3657

Ion Ratio Lower Upper

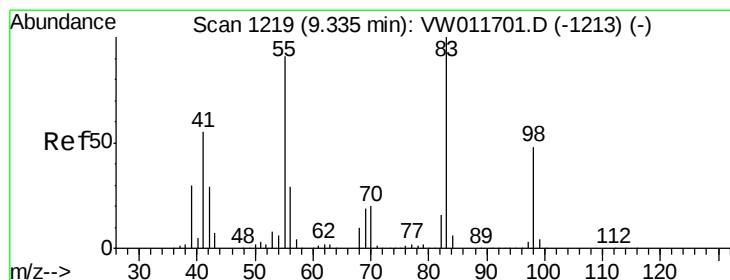
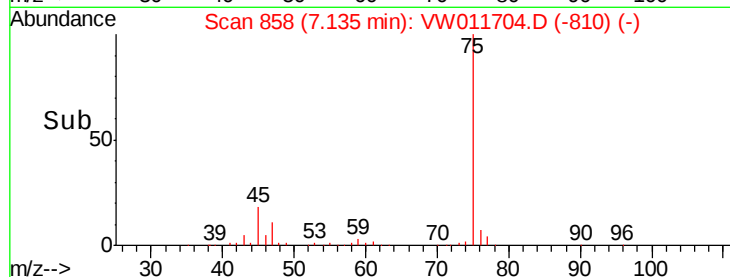
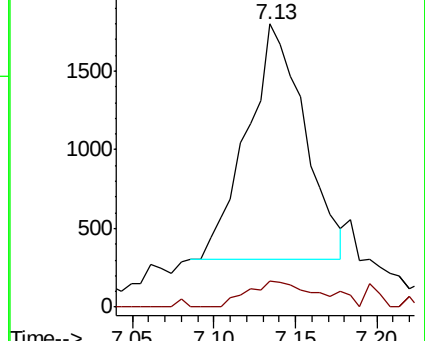
43 100

72 12.0 10.7 32.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#36

Methylcyclohexane

Concen: 8.048 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW011704.D

Acq: 05 Aug 2019 11:42

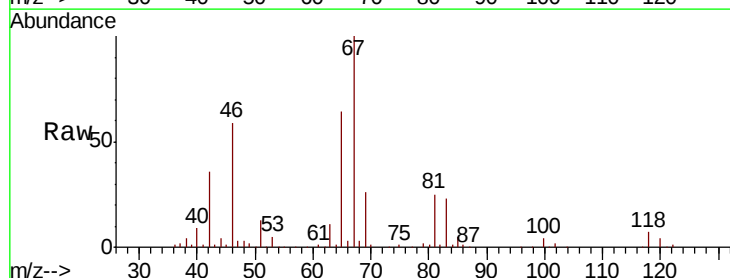
Tgt Ion: 83 Resp: 28610

Ion Ratio Lower Upper

83 100

55 0.6 72.6 108.8#

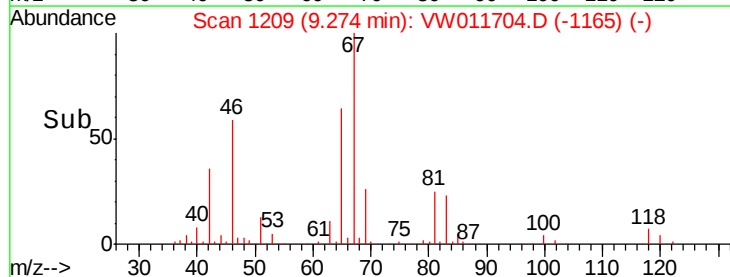
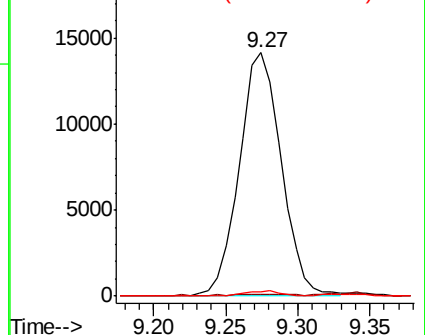
98 1.8 37.8 56.6#

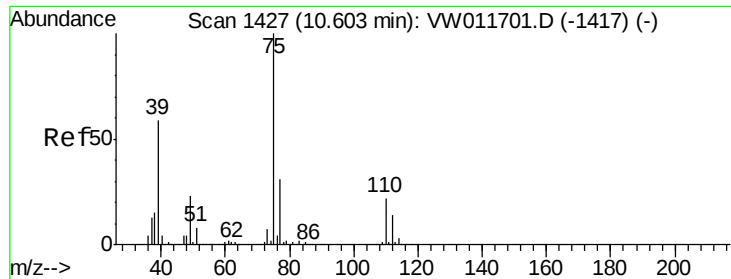


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.491 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW011704.D

Acq: 05 Aug 2019 11:42

Instrument :

MSVOA_W

ClientSampleId :

JLLE1RE

Tgt Ion: 75 Resp: 1258

Ion Ratio Lower Upper

75 100

77 58.2 21.6 40.0#

