

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
 Data File : VW011808.D
 Acq On : 09 Aug 2019 13:03
 Operator : SY/VA
 Sample : K4215-12
 Misc : 4.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC3

Quant Time: Aug 10 03:47:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:43:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	115833	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	59610	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	9433	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	52662	32.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.16%
7) Chloroethane-d5	2.89	69	39901	33.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.84%
10) 1,1-Dichloroethene-d2	4.01	63	78942	21.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.44%
20) 2-Butanone-d5	7.07	46	49163	66.94	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.88%
24) Chloroform-d	7.65	84	98756	31.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.16%
26) 1,2-Dichloroethane-d4	8.31	65	66511	35.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	141.32%#
29) Benzene-d6	8.27	84	175611	46.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	187.40%#
33) 1,2-Dichloropropane-d6	9.27	67	65423	54.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	216.28%#
37) Toluene-d8	10.32	98	102059	30.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	122.72%
38) trans-1,3-Dichloropropene-	10.58	79	18380	34.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	138.64%#
39) 2-Hexanone-d5	10.93	63	26257	92.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.80%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	43176	42.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	171.84%#
61) 1,2-Dichlorobenzene-d4	13.85	152	10858	29.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.48%

Target Compounds

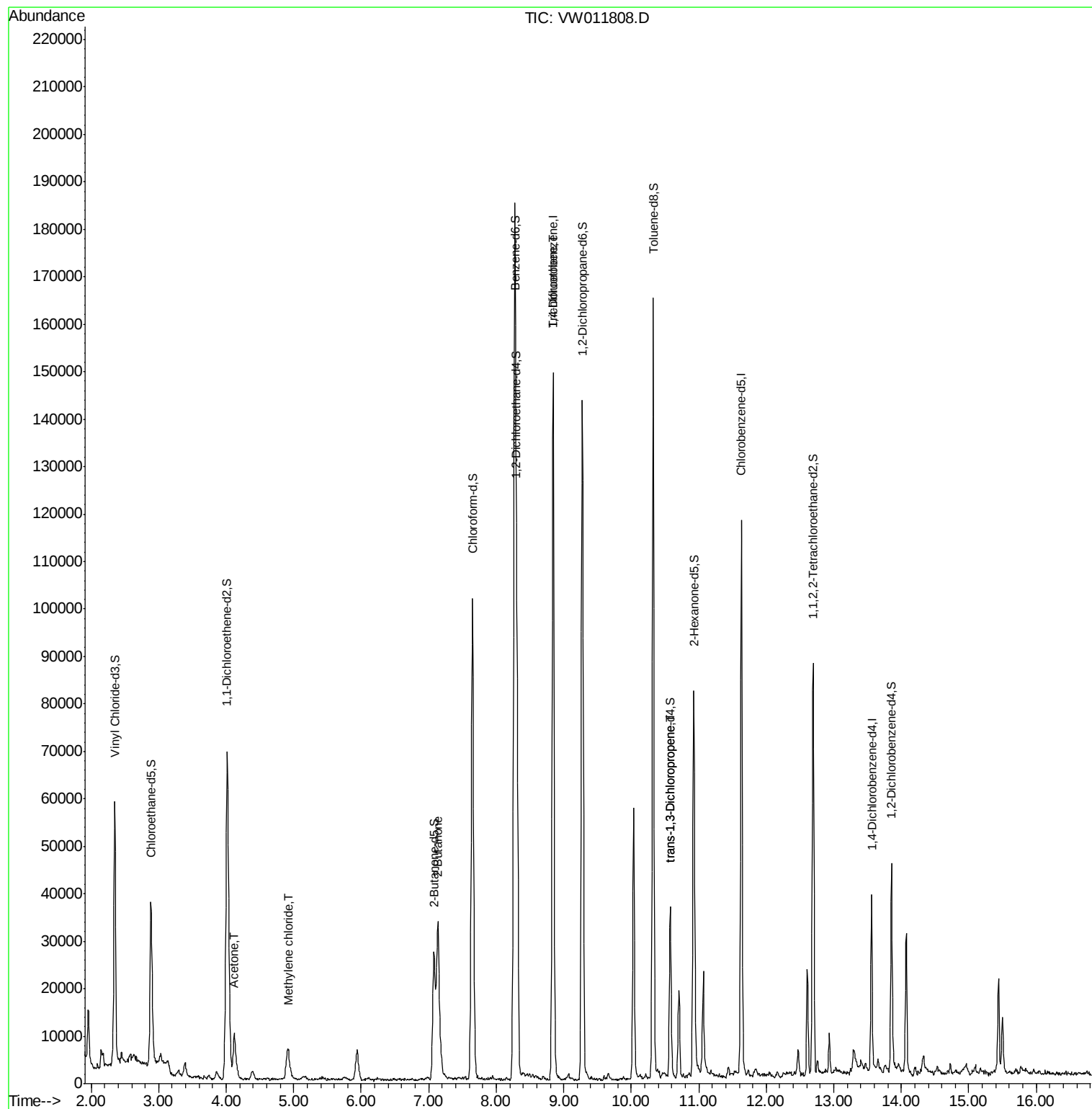
					Qvalue
13) Acetone	4.12	43	16564	21.058 ug/L	97
16) Methylene chloride	4.92	84	4272	2.363 ug/L	87
21) 2-Butanone	7.14	43	3750	3.803 ug/L	86
35) Trichloroethene	8.84	95	3926	3.702 ug/L #	6
45) trans-1,3-Dichloropropene	10.59	75	802	0.578 ug/L #	64

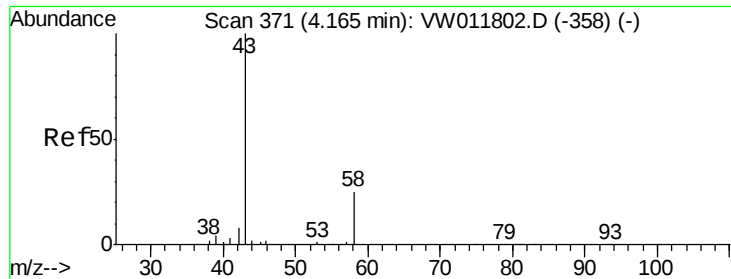
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 03:43:50 2019
Response via : Initial Calibration





#13

Acetone

Concen: 21.058 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.05 min

Lab File: VW011808.D

Acq: 09 Aug 2019 13:03

Instrument :

MSVOA_W

ClientSampled :

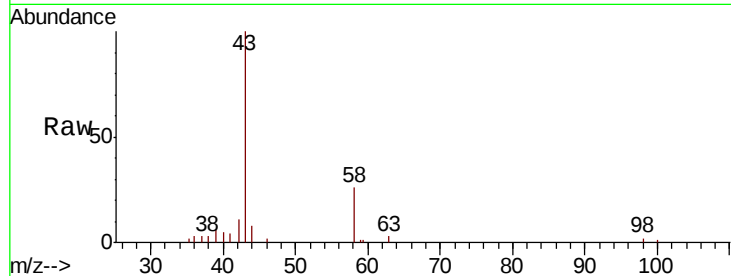
ETOC3

Tgt Ion: 43 Resp: 16564

Ion Ratio Lower Upper

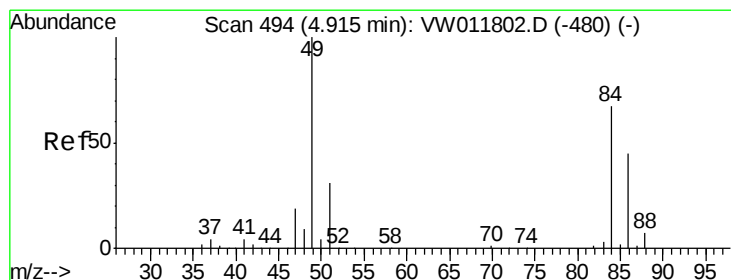
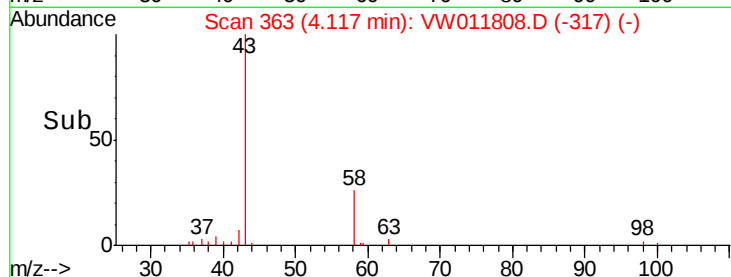
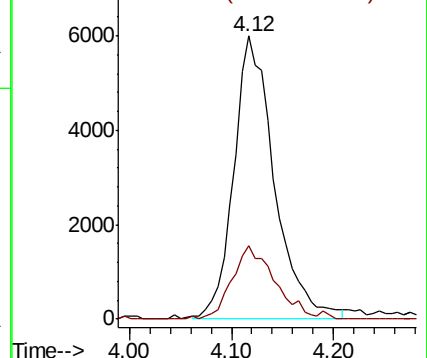
43 100

58 25.4 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: 2.363 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW011808.D

Acq: 09 Aug 2019 13:03

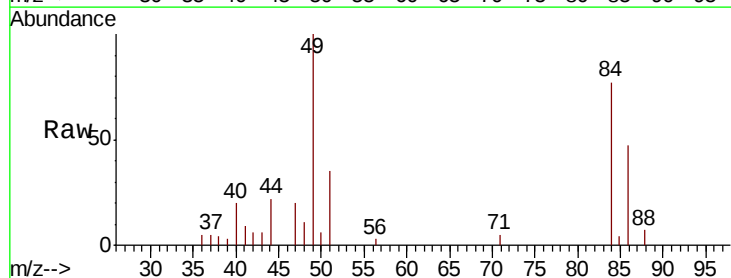
Tgt Ion: 84 Resp: 4272

Ion Ratio Lower Upper

84 100

49 130.0 106.8 198.4

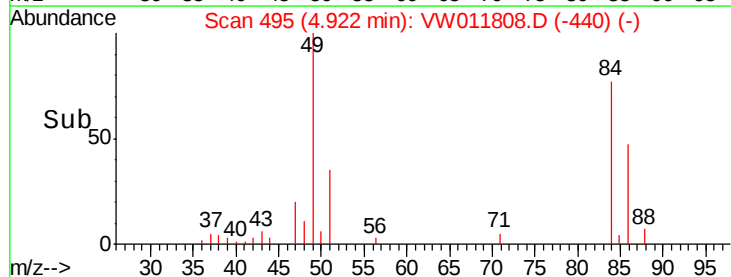
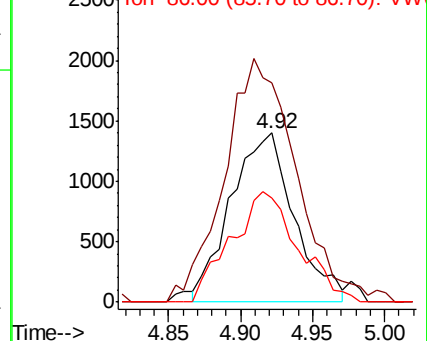
86 61.3 42.8 79.4

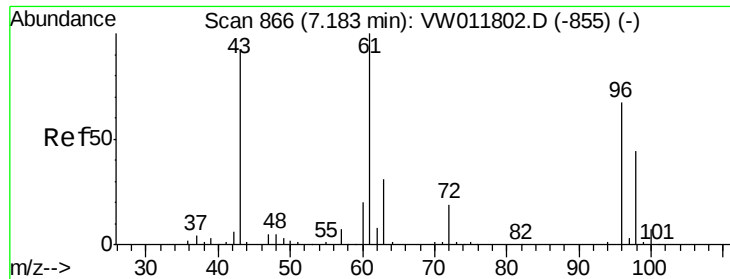


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 3.803 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

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ClientSampleId :

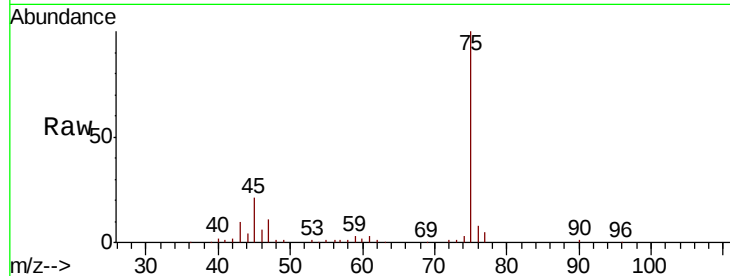
ETOC3

Tgt Ion: 43 Resp: 3750

Ion Ratio Lower Upper

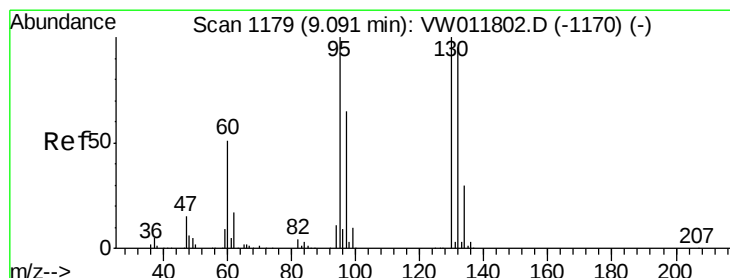
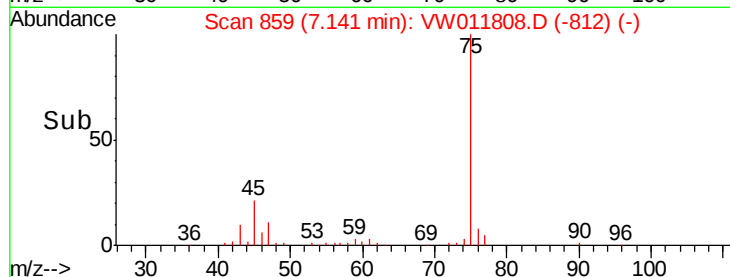
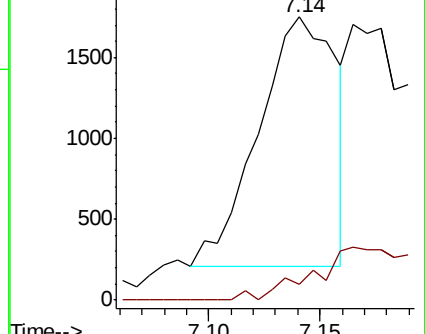
43 100

72 27.8 10.7 32.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 3.702 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW011808.D

Acq: 09 Aug 2019 13:03

Tgt Ion: 95 Resp: 3926

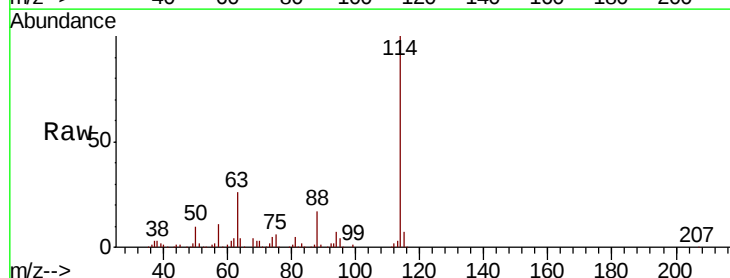
Ion Ratio Lower Upper

95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#

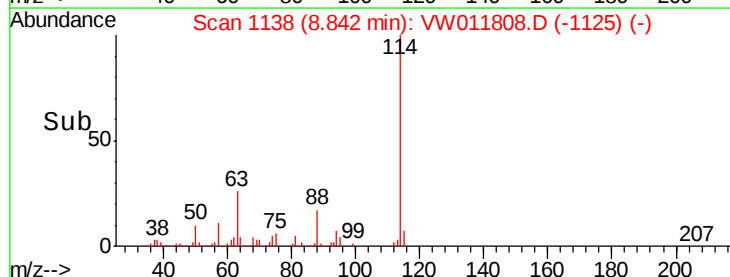
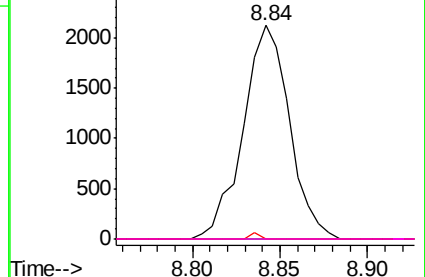


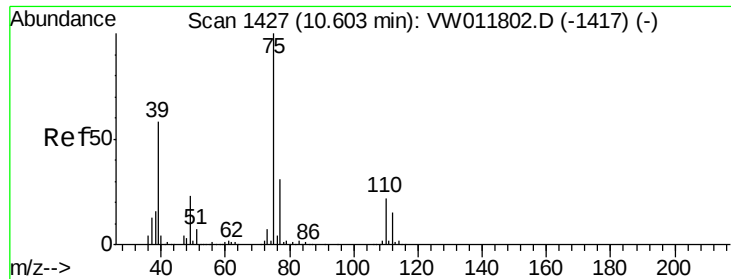
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW011808.D

Acq: 09 Aug 2019 13:03

Instrument :

MSVOA_W

ClientSampleId :

ETOC3

Tgt Ion: 75 Resp: 802

Ion Ratio Lower Upper

75 100

77 50.4 21.6 40.0#

