

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
 Data File : VW011809.D
 Acq On : 09 Aug 2019 13:29
 Operator : SY/VA
 Sample : K4215-13
 Misc : 4.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOC4

Quant Time: Aug 10 03:47:23 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	125476	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	68784	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	13873	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64104	36.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	145.12%
7) Chloroethane-d5	2.89	69	51579	40.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	162.12%#
10) 1,1-Dichloroethene-d2	4.02	63	89778	22.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.64%
20) 2-Butanone-d5	7.08	46	68401	85.98	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.96%#
24) Chloroform-d	7.65	84	113790	33.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	132.08%
26) 1,2-Dichloroethane-d4	8.31	65	81211	39.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	159.28%#
29) Benzene-d6	8.27	84	195677	45.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	180.96%#
33) 1,2-Dichloropropane-d6	9.27	67	70486	50.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	201.92%#
37) Toluene-d8	10.32	98	104084	27.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.44%
38) trans-1,3-Dichloropropene-	10.58	79	21847	35.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	142.80%#
39) 2-Hexanone-d5	10.93	63	33556	102.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	205.78%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	46014	39.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	158.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	13494	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

Target Compounds

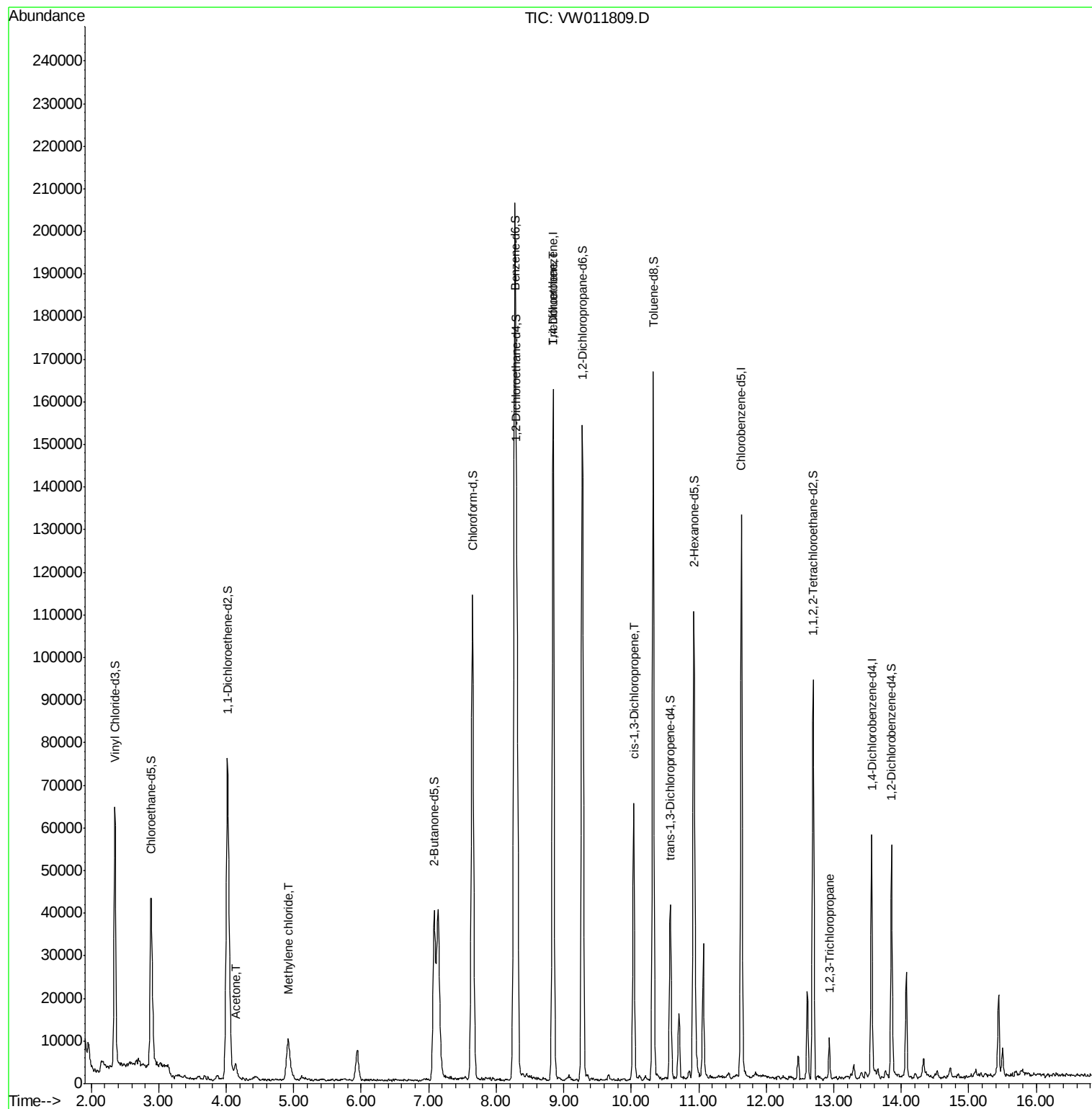
					Qvalue
13) Acetone	4.14	43	5251	6.163 ug/L	97
16) Methylene chloride	4.92	84	4906	2.505 ug/L	93
35) Trichloroethene	8.84	95	3998	3.267 ug/L #	6
42) cis-1,3-Dichloropropene	10.03	75	1587	0.825 ug/L #	79
59) 1,2,3-Trichloropropane	12.93	75	609	0.677 ug/L #	75

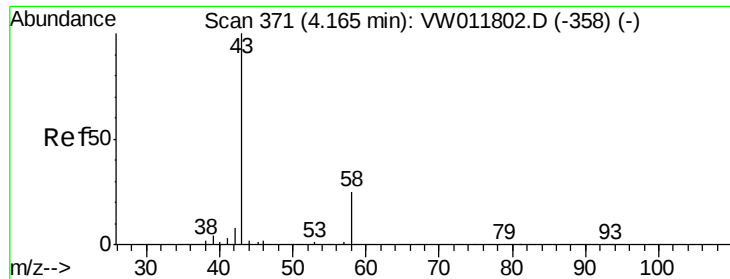
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 6.163 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.02 min

Lab File: VW011809.D

Acq: 09 Aug 2019 13:29

Instrument :

MSVOA_W

ClientSampled :

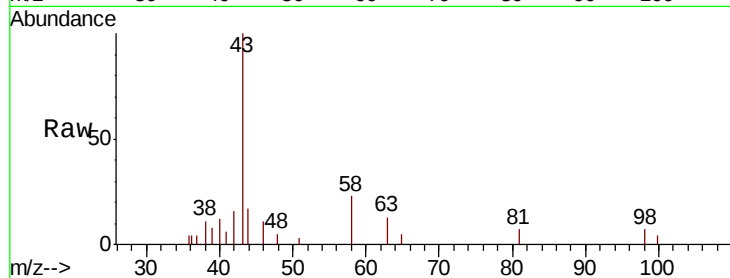
ETOC4

Tgt Ion: 43 Resp: 5251

Ion Ratio Lower Upper

43 100

58 28.4 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1500

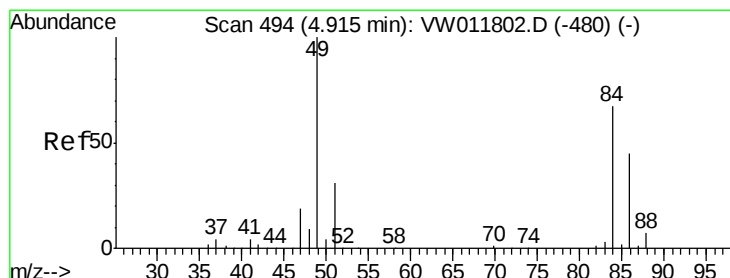
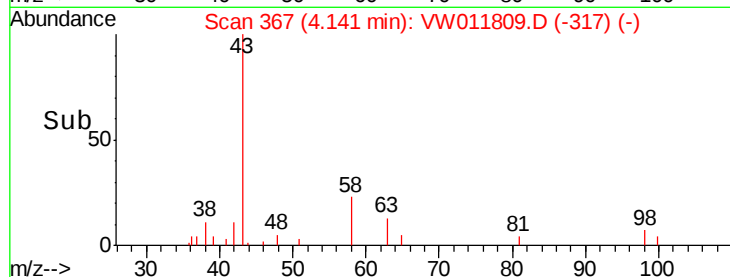
1000

500

0

4.10 4.20

Time-->



#16

Methylene chloride

Concen: 2.505 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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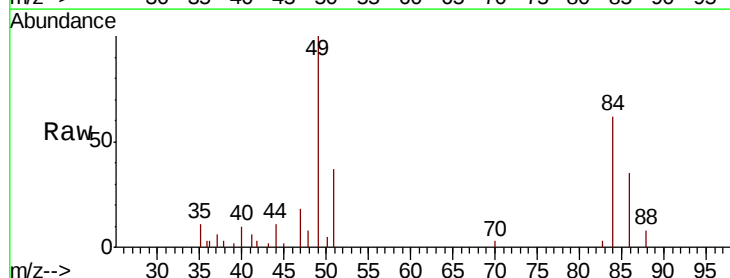
Tgt Ion: 84 Resp: 4906

Ion Ratio Lower Upper

84 100

49 161.0 106.8 198.4

86 56.0 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

4.92

4000

3000

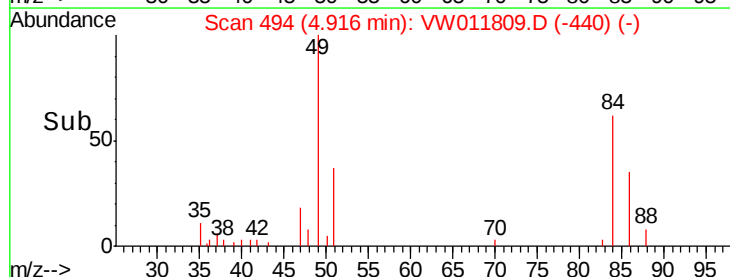
2000

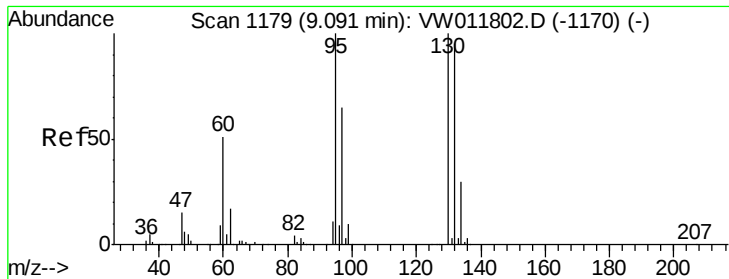
1000

0

4.85 4.90 4.95

Time-->





#35

Trichloroethene

Concen: 3.267 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW011809.D

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Instrument :

MSVOA_W

ClientSampleId :

ETOC4

Tgt Ion: 95 Resp: 3998

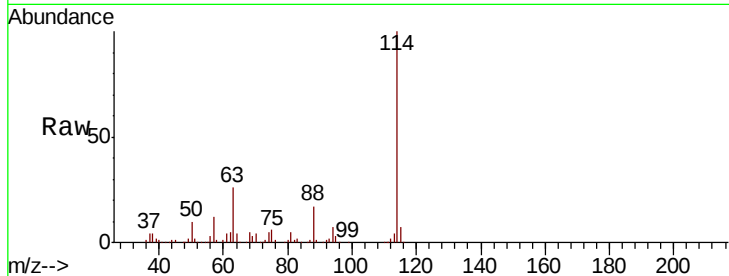
Ion Ratio Lower Upper

95 100

97 0.0 44.8 83.2#

132 0.0 65.0 120.6#

130 0.0 68.0 126.4#

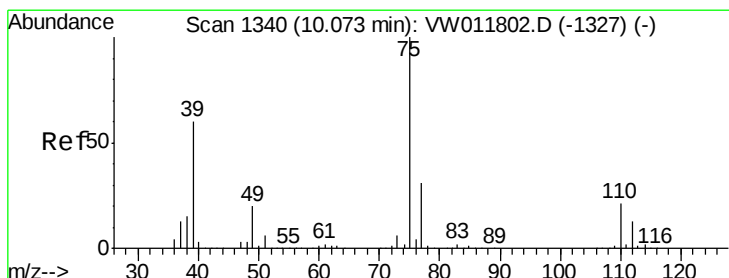
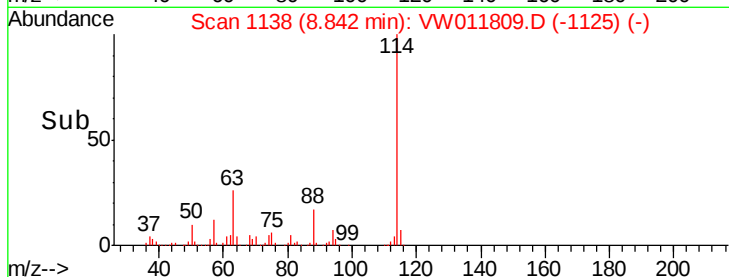
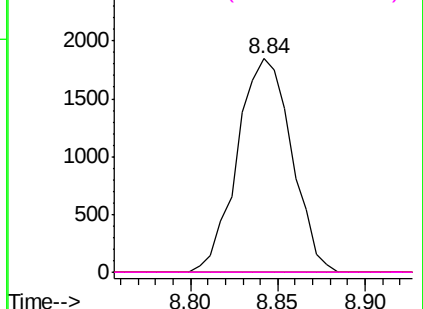


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.825 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW011809.D

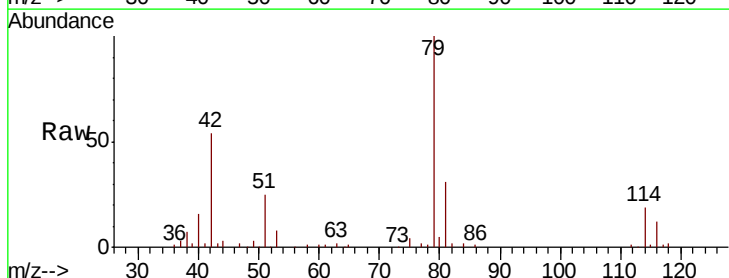
Acq: 09 Aug 2019 13:29

Tgt Ion: 75 Resp: 1587

Ion Ratio Lower Upper

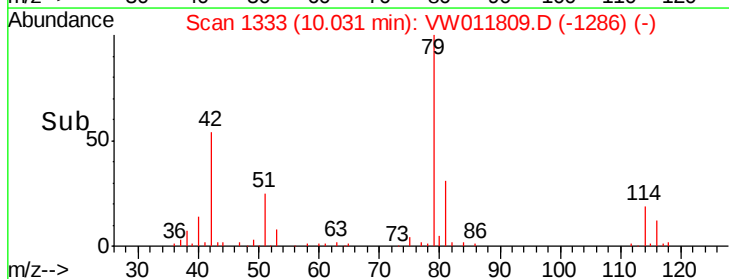
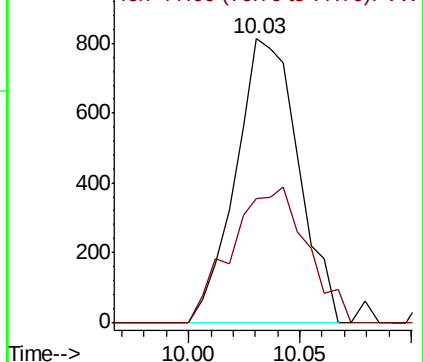
75 100

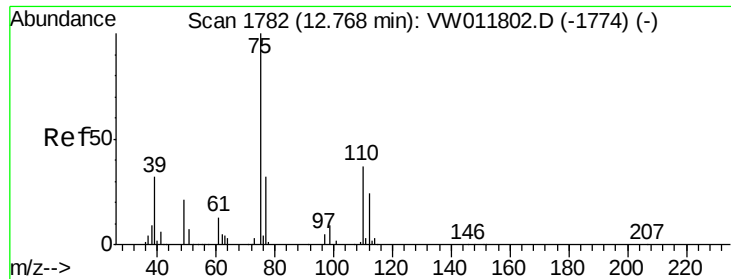
77 43.5 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 0.677 ug/L

RT: 12.93 min Scan# 1809

Delta R.T. 0.16 min

Lab File: VW011809.D

Acq: 09 Aug 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

ETOC4

Tgt Ion: 75 Resp: 609

Ion Ratio Lower Upper

75 100

77 17.4 25.1 37.7#

