

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009704.D
 Acq On : 05 Apr 2019 01:37
 Operator : SY/VA
 Sample : K2276-02
 Misc : 5.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF129

Quant Time: Apr 05 05:35:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 05:32:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	362665	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354133	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132987	28.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.08%
7) Chloroethane-d5	2.89	69	116325	26.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.00%
10) 1,1-Dichloroethene-d2	4.01	63	216969	21.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.04%
20) 2-Butanone-d5	7.08	46	96696	62.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.50%
24) Chloroform-d	7.64	84	265874	26.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.48%
26) 1,2-Dichloroethane-d4	8.30	65	175584	28.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.60%
29) Benzene-d6	8.27	84	507457	27.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.20%
33) 1,2-Dichloropropane-d6	9.27	67	157845	27.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.96%
37) Toluene-d8	10.32	98	453700	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.60%
38) trans-1,3-Dichloropropene-	10.58	79	69001	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.80%
39) 2-Hexanone-d5	10.93	63	66321	61.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144837	27.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	163593	30.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.56%#

Target Compounds

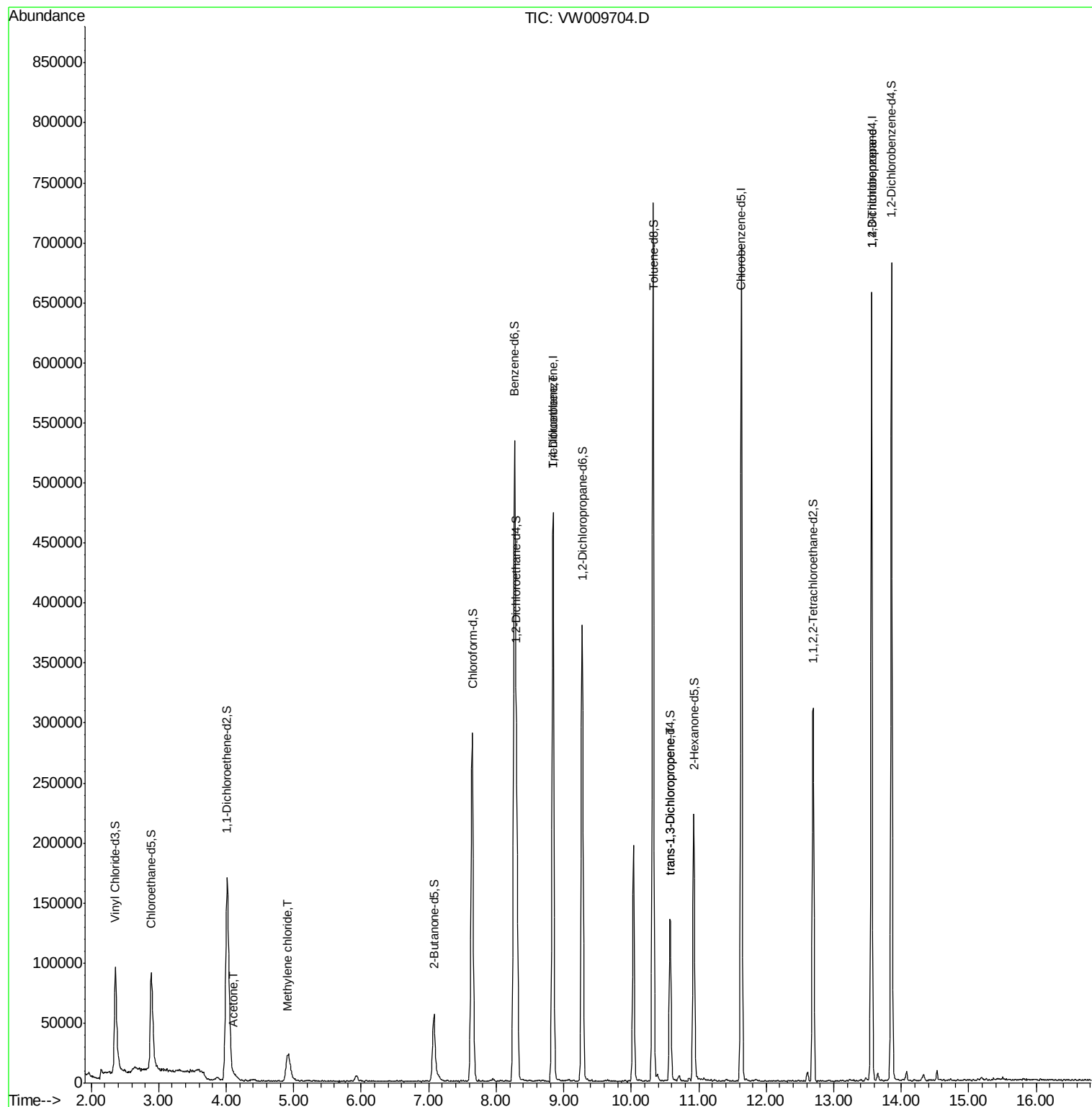
					Qvalue
13) Acetone	4.11	43	2466	1.494 ug/L	91
16) Methylene chloride	4.90	84	6611	1.034 ug/L	82
35) Trichloroethene	8.84	95	12226	2.193 ug/L #	6
45) trans-1,3-Dichloropropene	10.58	75	3861	0.530 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	20330	4.961 ug/L	90

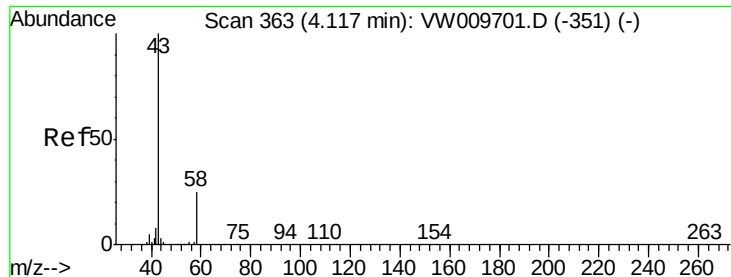
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.494 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW009704.D

Acq: 05 Apr 2019 01:37

Instrument :

MSVOA_W

ClientSampled :

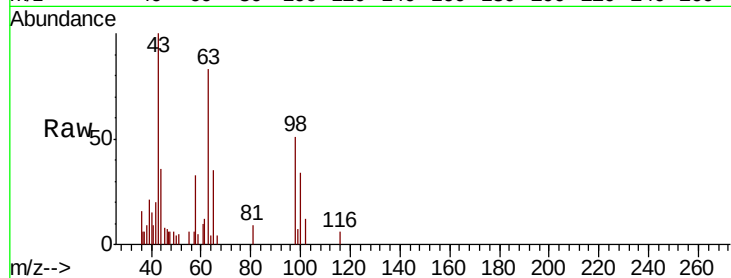
BF129

Tgt Ion: 43 Resp: 2466

Ion Ratio Lower Upper

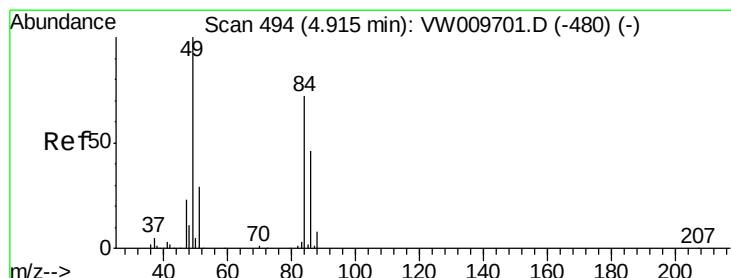
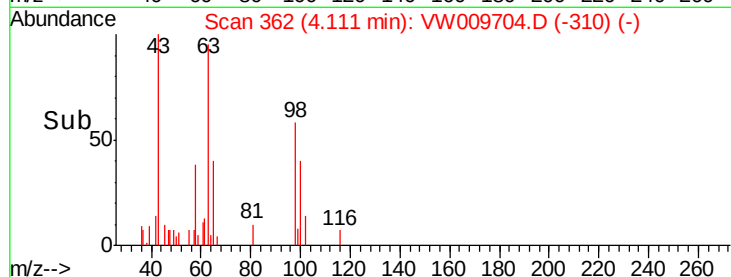
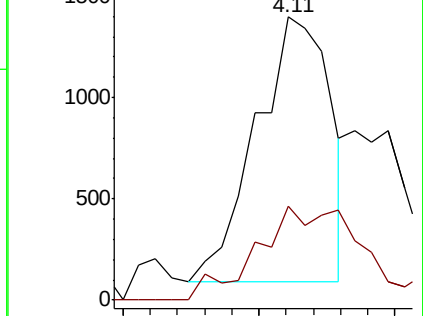
43 100

58 21.9 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.034 ug/L

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: VW009704.D

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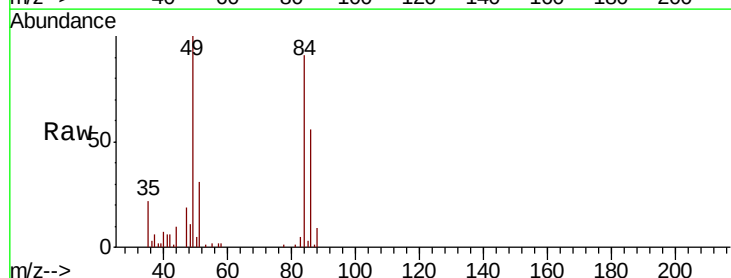
Tgt Ion: 84 Resp: 6611

Ion Ratio Lower Upper

84 100

49 110.3 98.3 182.5

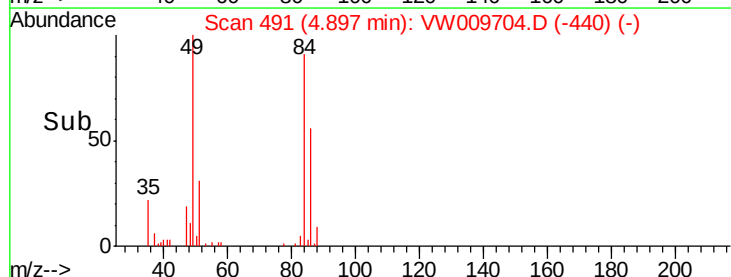
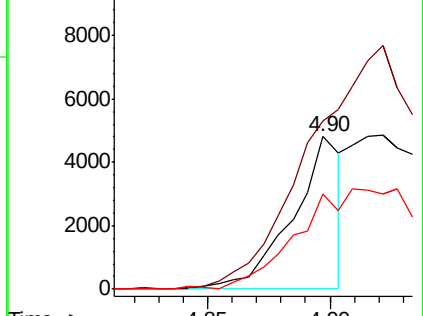
86 62.3 46.4 86.2

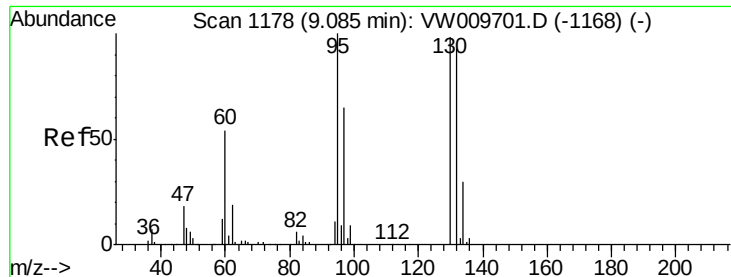


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.193 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

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ClientSampleId :

BF129

Tgt Ion: 95 Resp: 12226

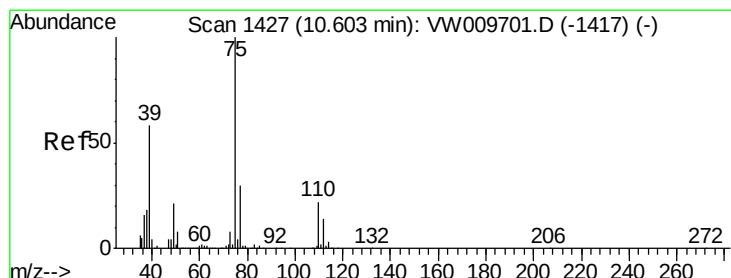
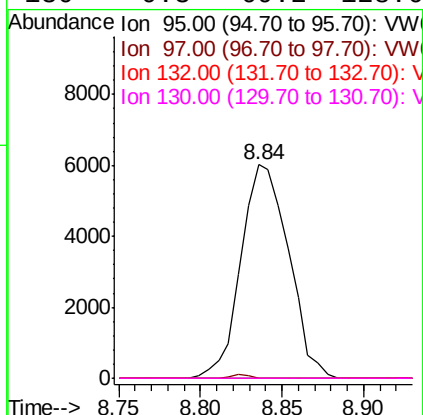
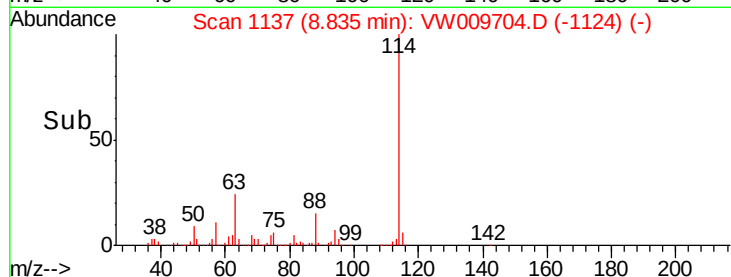
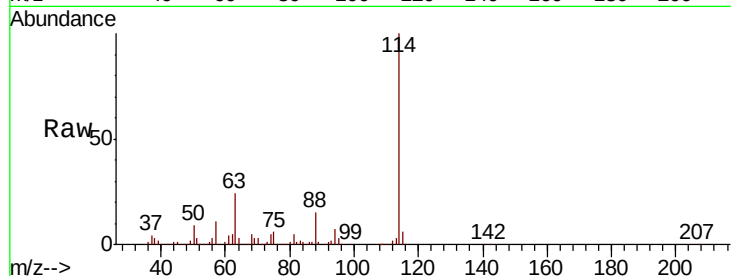
Ion Ratio Lower Upper

95 100

97 0.6 44.9 83.5#

132 0.0 67.1 124.7#

130 0.3 69.2 128.6#



#45

trans-1,3-Dichloropropene

Concen: 0.530 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009704.D

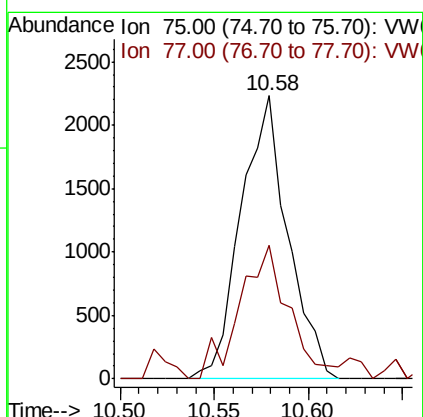
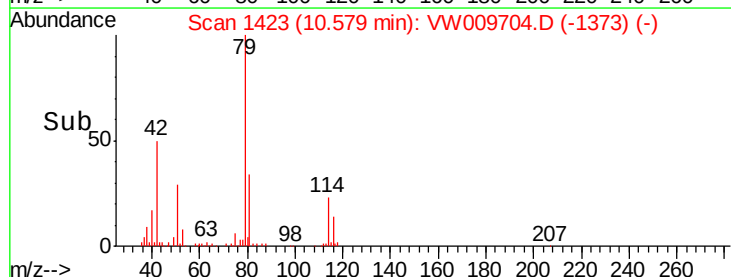
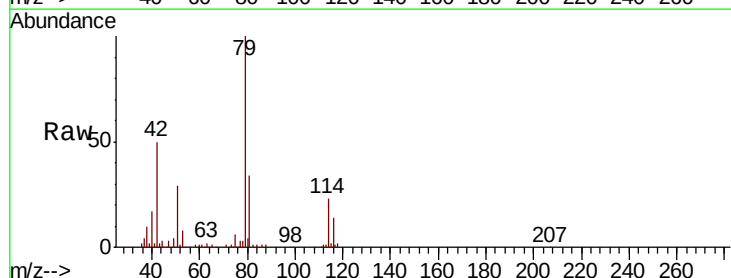
Acq: 05 Apr 2019 01:37

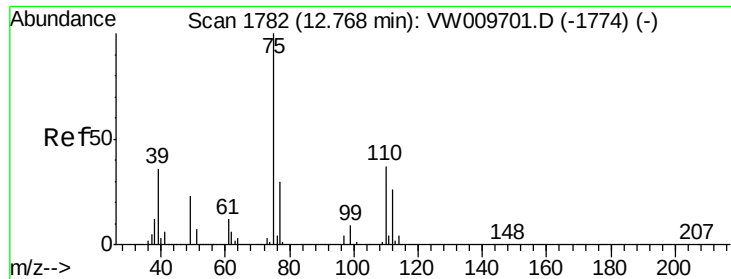
Tgt Ion: 75 Resp: 3861

Ion Ratio Lower Upper

75 100

77 47.3 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 4.961 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009704.D

Acq: 05 Apr 2019 01:37

Instrument :

MSVOA_W

ClientSampleId :

BF129

Tgt Ion: 75 Resp: 20330

Ion Ratio Lower Upper

75 100

77 38.3 26.2 39.2

