

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004298.D
 Acq On : 28 Jul 2018 03:59
 Operator : SY/AP
 Sample : J4204-14
 Misc : 4.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1K1

Quant Time: Jul 28 06:20:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 28 02:53:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	212692	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	194990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	93339	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	73663	34.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	137.60%
7) Chloroethane-d5	2.89	69	49883	32.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.12%
10) 1,1-Dichloroethene-d2	4.01	63	91312	17.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.44%
20) 2-Butanone-d5	7.09	46	35631	29.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.78%
24) Chloroform-d	7.65	84	131158	24.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	8.31	65	82750	25.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.04%
29) Benzene-d6	8.28	84	253527	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	9.27	67	74505	21.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.72%
37) Toluene-d8	10.33	98	246830	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.08%
38) trans-1,3-Dichloropropene-	10.58	79	34979	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.68%
39) 2-Hexanone-d5	10.93	63	29948	33.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.32%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	65505	18.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	90125	25.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.32%

Target Compounds

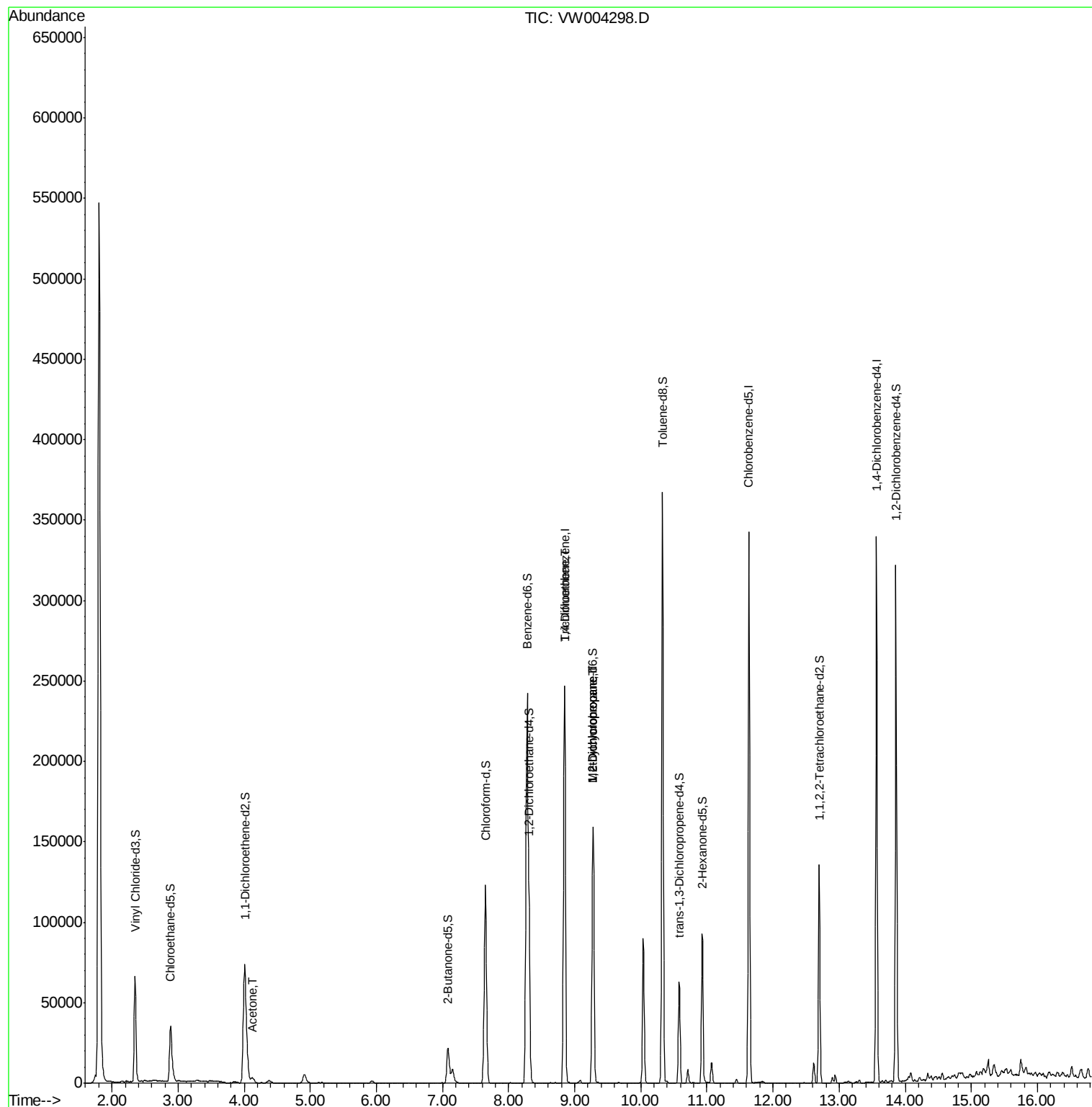
					Qvalue
13) Acetone	4.12	43	4241	3.465 ug/L	98
35) Trichloroethene	8.84	95	6487	2.200 ug/L #	5
36) Methylcyclohexane	9.28	83	19281	3.912 ug/L #	17
40) 1,2-Dichloropropane	9.28	63	8747	2.874 ug/L #	88

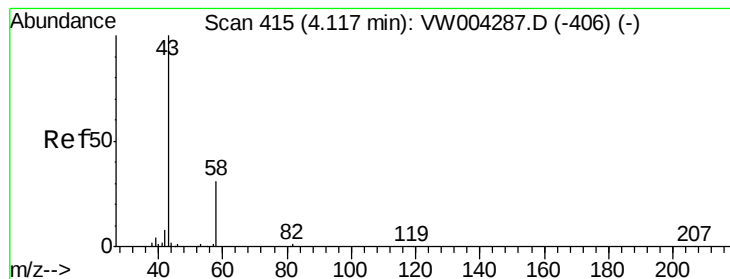
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.465 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

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Acq: 28 Jul 2018 03:59

Instrument :

MSVOA_W

ClientSampleId :

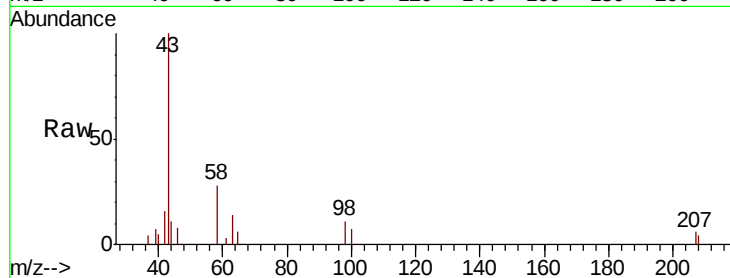
JJ1K1

Tgt Ion: 43 Resp: 4241

Ion Ratio Lower Upper

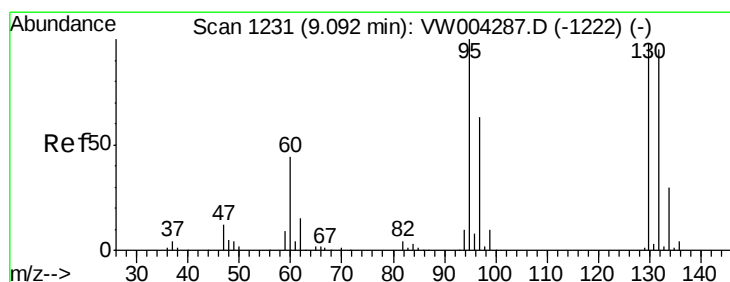
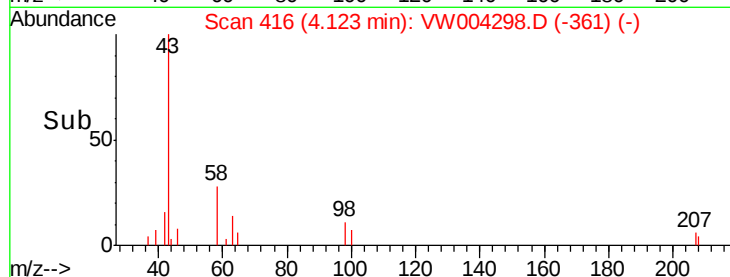
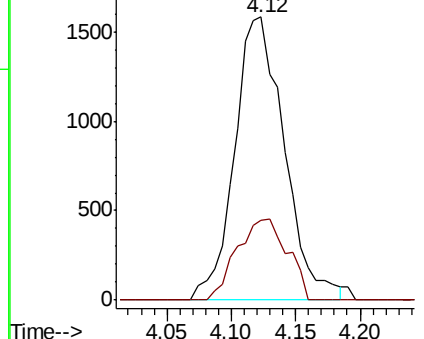
43 100

58 29.0 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.200 ug/L

RT: 8.84 min Scan# 1190

Delta R.T. -0.25 min

Lab File: VW004298.D

Acq: 28 Jul 2018 03:59

Tgt Ion: 95 Resp: 6487

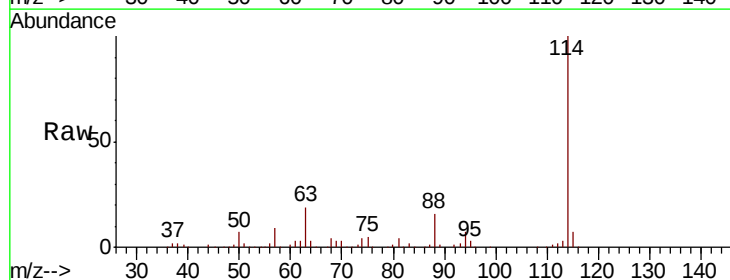
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 67.4 125.2#

130 0.0 70.2 130.4#

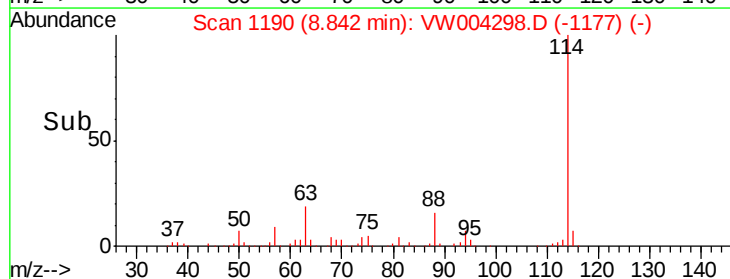
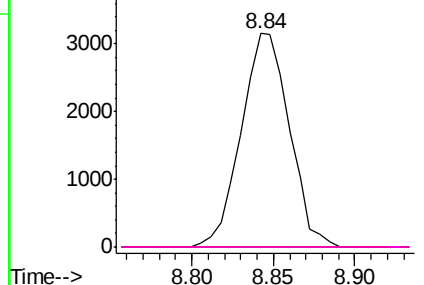


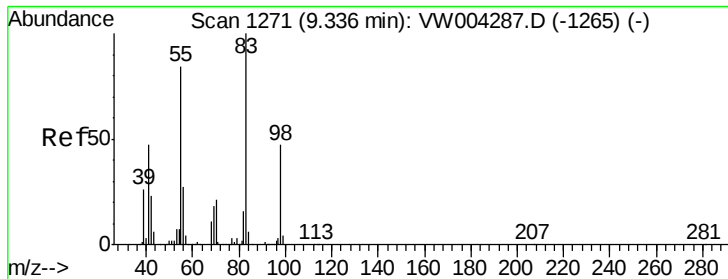
Abundance Ion 95.00 (94.70 to 95.70): VW

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

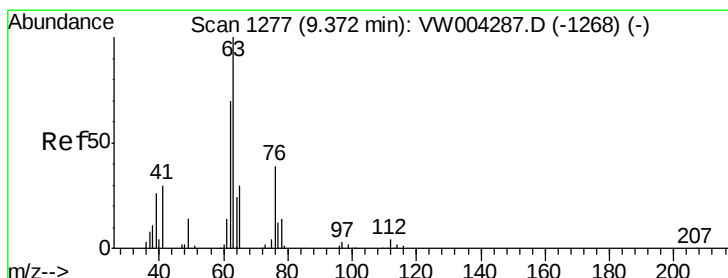
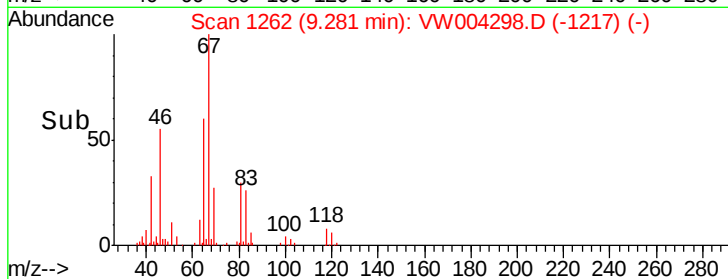
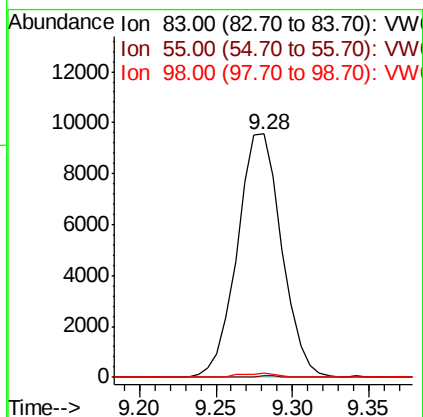
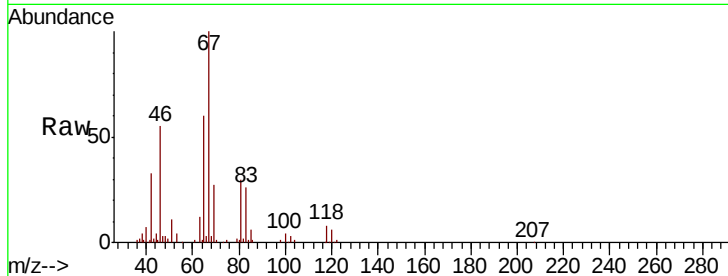




#36
Methylcyclohexane
Concen: 3.912 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
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Tgt Ion: 83 Resp: 19281
Ion Ratio Lower Upper
83 100
55 0.2 65.5 98.3#
98 1.0 37.1 55.7#



#40
1,2-Dichloropropane
Concen: 2.874 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW004298.D
Acq: 28 Jul 2018 03:59

Tgt Ion: 63 Resp: 8747
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

