

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004302.D
 Acq On : 28 Jul 2018 05:42
 Operator : SY/AP
 Sample : J4204-18
 Misc : 5.25G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1K5

Quant Time: Jul 28 06:21:17 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	93026	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	95454	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	35084	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	23180	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.00%
7) Chloroethane-d5	2.89	69	22498	33.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.12%
10) 1,1-Dichloroethene-d2	4.00	63	48390	21.65	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.60%
20) 2-Butanone-d5	7.08	46	31674	59.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.48%
24) Chloroform-d	7.65	84	76709	32.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	128.84%
26) 1,2-Dichloroethane-d4	8.31	65	52036	36.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	145.28%#
29) Benzene-d6	8.28	84	138890	27.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.84%
33) 1,2-Dichloropropane-d6	9.28	67	52614	31.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.08%#
37) Toluene-d8	10.33	98	115952	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.00%
38) trans-1,3-Dichloropropene-	10.58	79	19636	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.84%
39) 2-Hexanone-d5	10.93	63	19146	43.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.60%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	52556	30.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.36%#
61) 1,2-Dichlorobenzene-d4	13.86	152	40809	31.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.48%#

Target Compounds

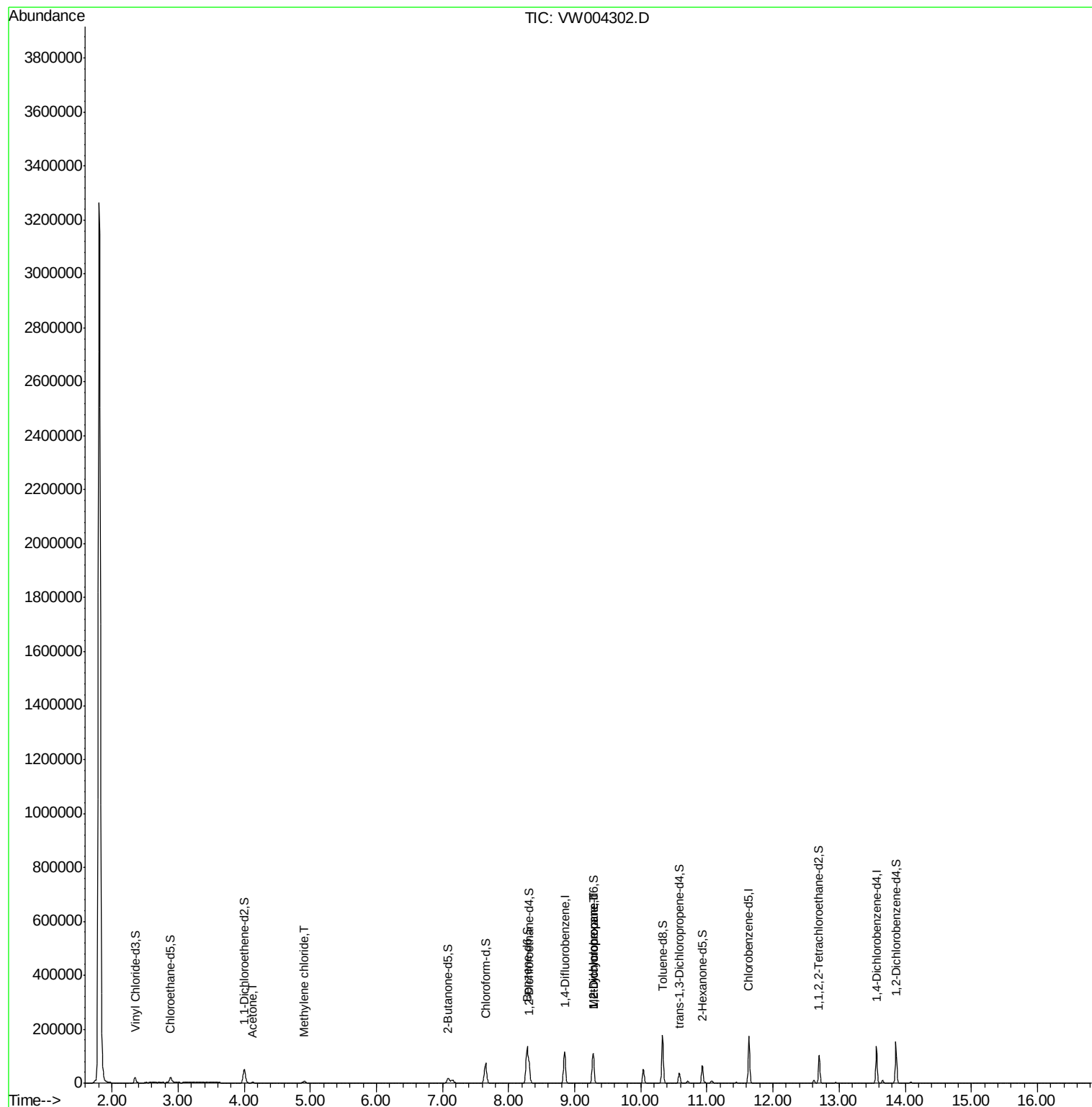
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	1261	2.356	ug/L	86
16) Methylene chloride	4.90	84	3783	2.901	ug/L	92
36) Methylcyclohexane	9.28	83	12473	5.170	ug/L #	18
40) 1,2-Dichloropropane	9.27	63	5618	3.770	ug/L #	88

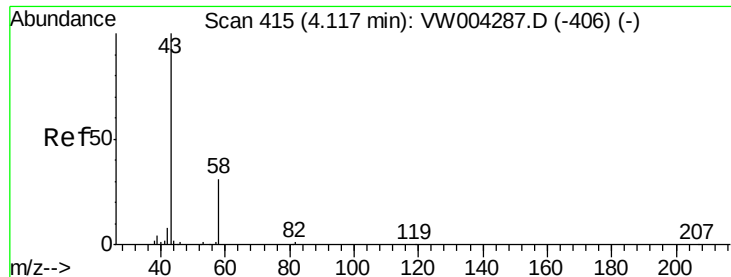
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.356 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

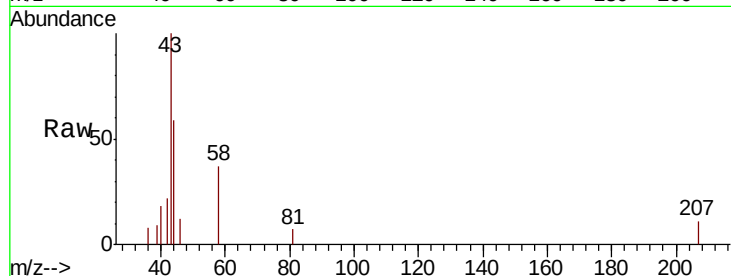
JJ1K5

Tgt Ion: 43 Resp: 1261

Ion Ratio Lower Upper

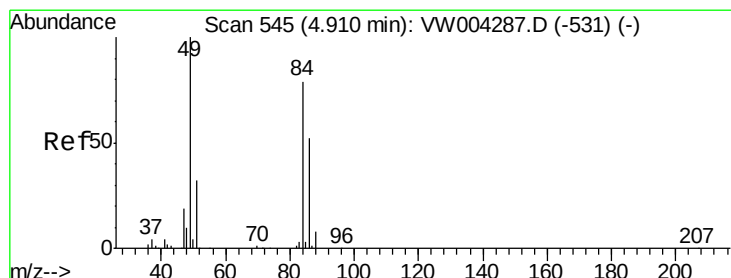
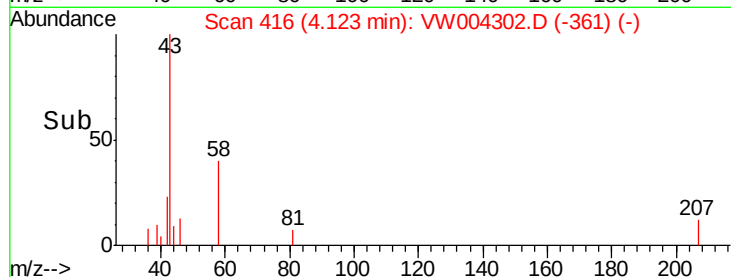
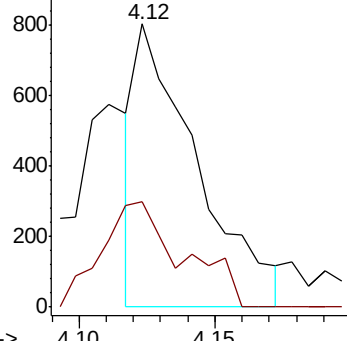
43 100

58 37.4 0.0 59.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.901 ug/L

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

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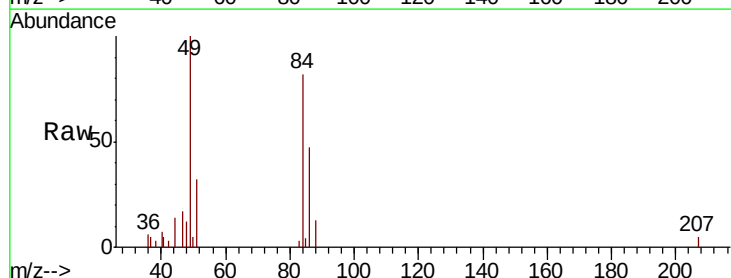
Tgt Ion: 84 Resp: 3783

Ion Ratio Lower Upper

84 100

49 121.2 90.9 168.7

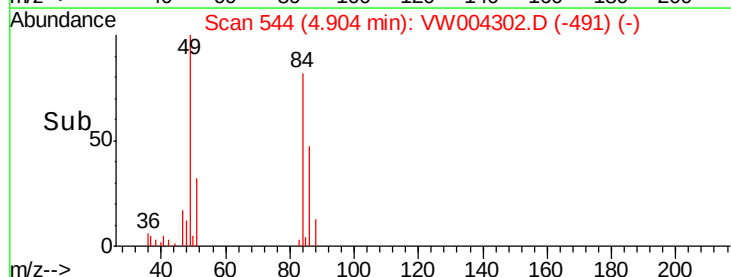
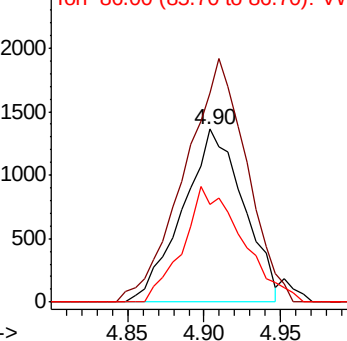
86 56.5 44.4 82.5

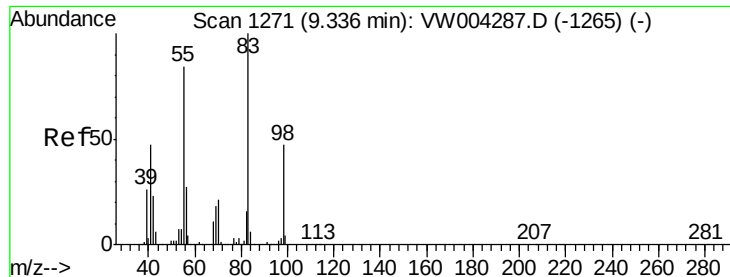


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

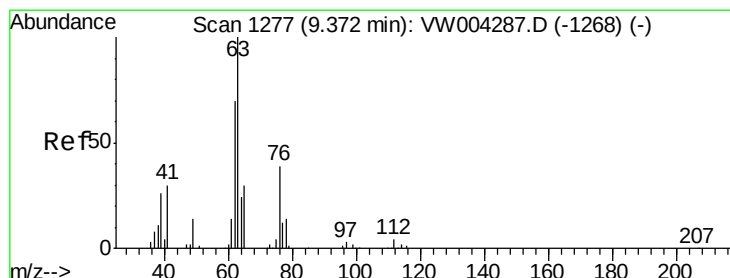
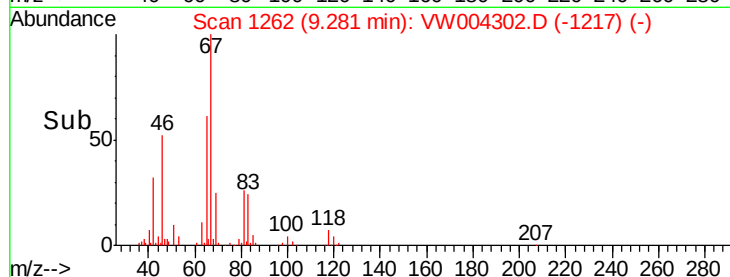
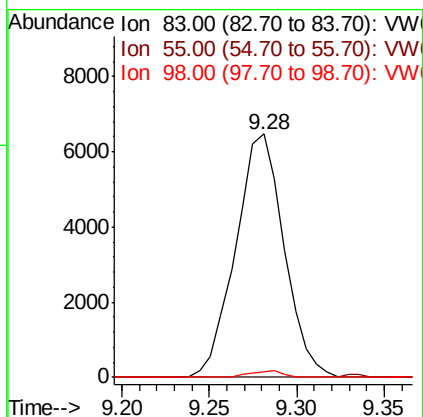
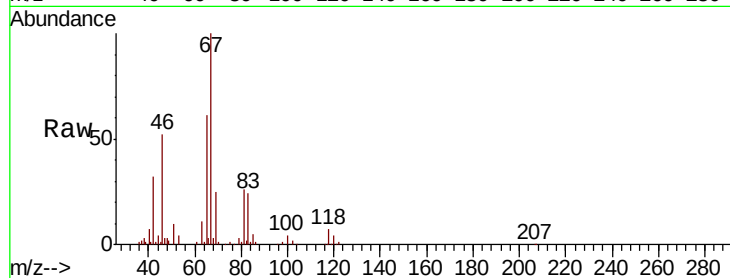




#36
Methylcyclohexane
Concen: 5.170 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
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Tgt Ion: 83 Resp: 12473
Ion Ratio Lower Upper
83 100
55 0.5 65.5 98.3#
98 1.8 37.1 55.7#



#40
1,2-Dichloropropane
Concen: 3.770 ug/L
RT: 9.27 min Scan# 1261
Delta R.T. -0.10 min
Lab File: VW004302.D
Acq: 28 Jul 2018 05:42

Tgt Ion: 63 Resp: 5618
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

