

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072918\
 Data File : VW004289.D
 Acq On : 28 Jul 2018 00:05
 Operator : SY/AP
 Sample : J4204-05
 Misc : 5.67G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1J2

Manual Integrations
 APPROVED

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 7/31/2018 10:32:47 AM

Quant Time: Jul 28 02:59:21 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	252517	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	177775	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	38432	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	67570	26.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.32%
7) Chloroethane-d5	2.89	69	67250	36.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	145.48%
10) 1,1-Dichloroethene-d2	4.01	63	136460	22.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.96%
20) 2-Butanone-d5	7.08	46	71427	49.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.26%
24) Chloroform-d	7.65	84	181227	28.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.12%
26) 1,2-Dichloroethane-d4	8.31	65	108179	27.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.28%
29) Benzene-d6	8.27	84	337560	35.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	143.32%#
33) 1,2-Dichloropropane-d6	9.27	67	119781	38.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.88%#
37) Toluene-d8	10.33	98	265215	29.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.12%
38) trans-1,3-Dichloropropene-	10.59	79	33631	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.56%
39) 2-Hexanone-d5	10.93	63	38547	46.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85740	26.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.16%
61) 1,2-Dichlorobenzene-d4	13.87	152	39048	27.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.72%

Target Compounds					Qvalue
13) Acetone	4.12	43	100288	69.013 ug/L	98
16) Methylene chloride	4.90	84	9989m	2.821 ug/L	
21) 2-Butanone	7.18	43	26768	14.614 ug/L	97

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

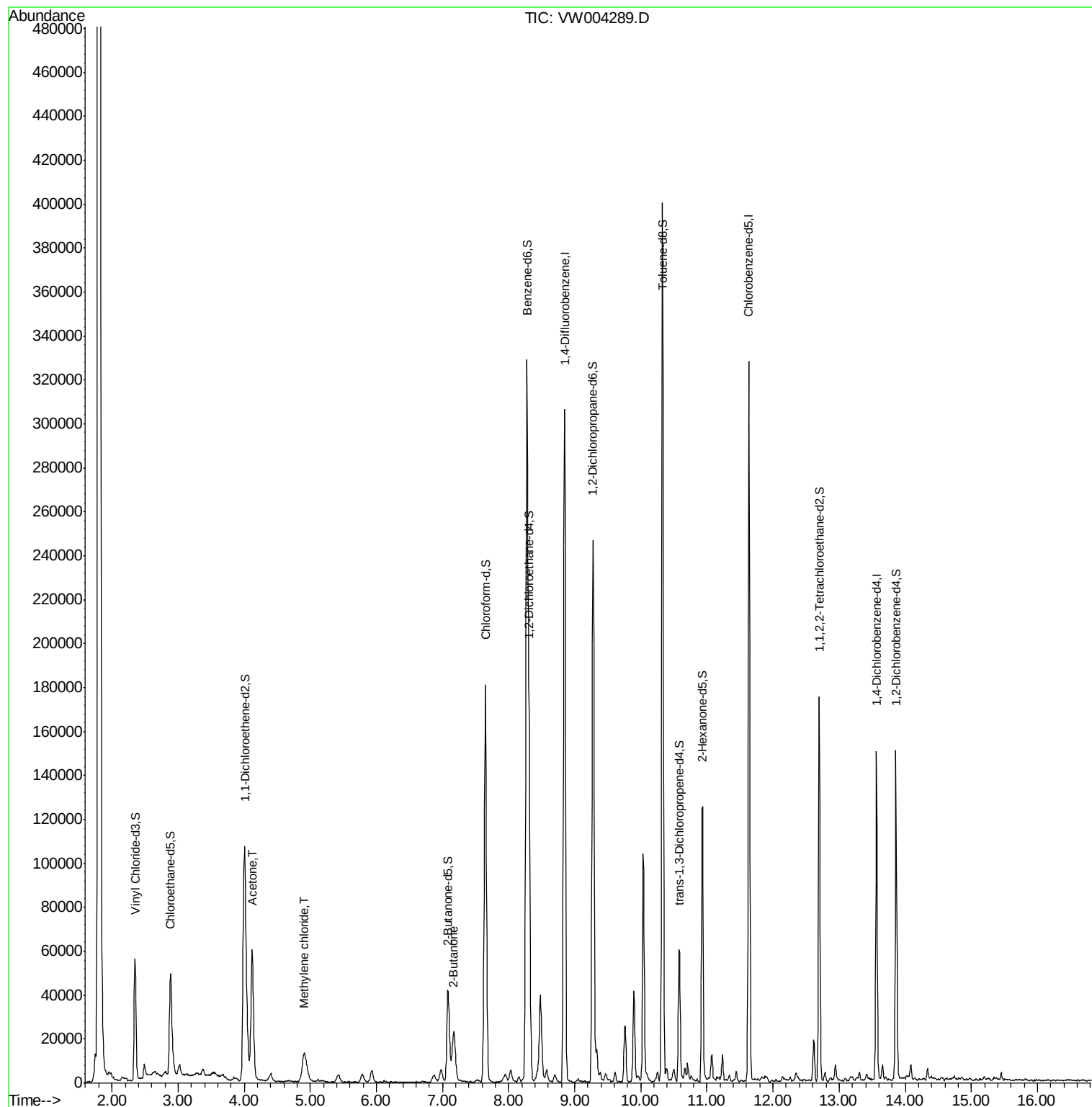
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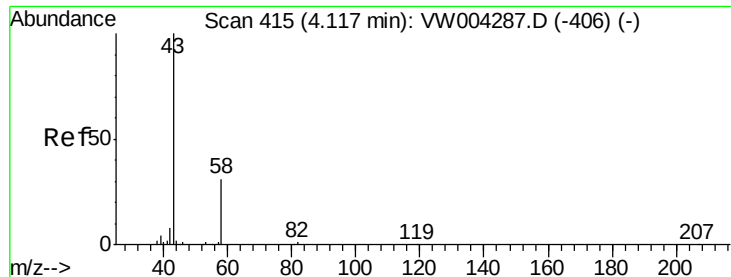
Instrument :
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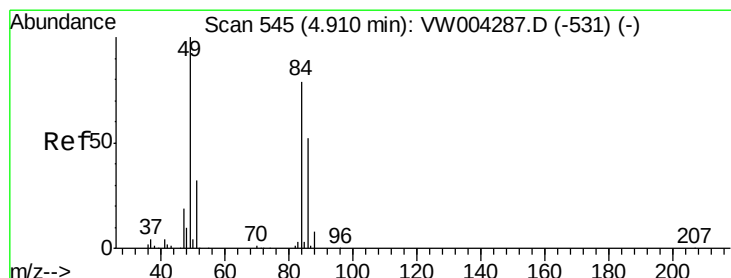
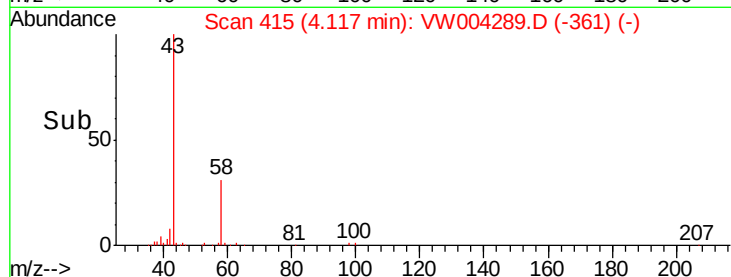
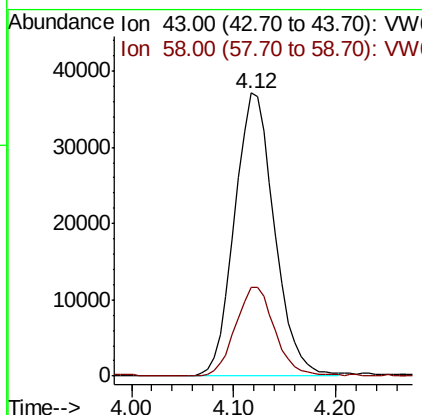
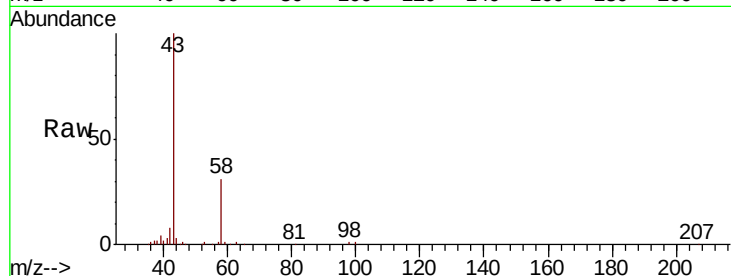
#13
Acetone
Concen: 69.013 ug/L
RT: 4.12 min Scan# 415
Delta R.T. -0.00 min
Lab File: VW004289.D
Acq: 28 Jul 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
JJ1J2

Tgt Ion: 43 Resp: 100288
Ion Ratio Lower Upper
43 100
58 31.1 0.0 59.8

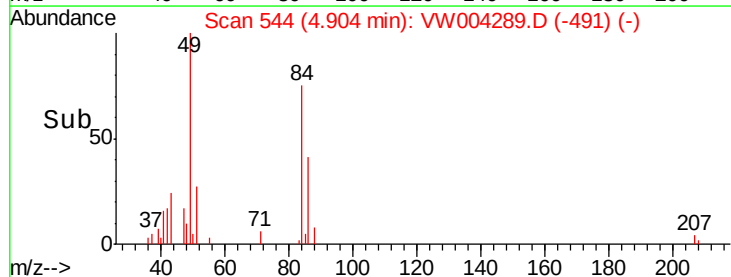
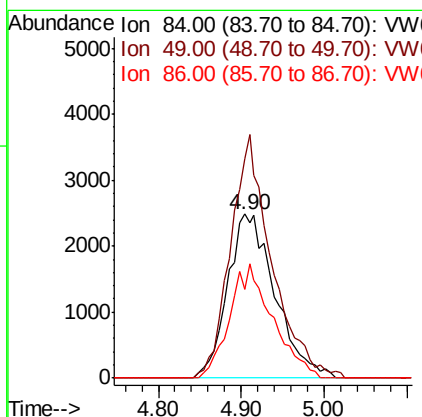
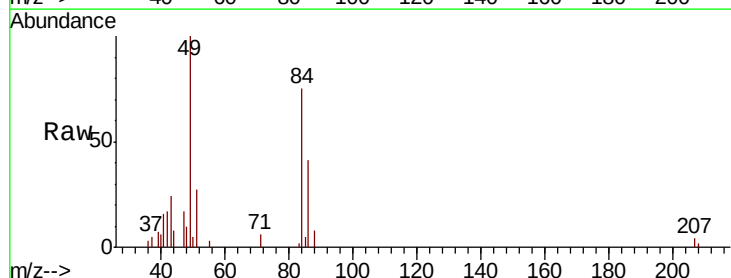
Manual Integrations
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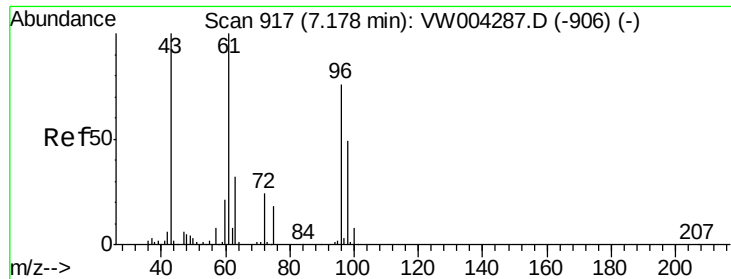
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#16
Methylene chloride
Concen: 2.821 ug/L m
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004289.D
Acq: 28 Jul 2018 00:05

Tgt Ion: 84 Resp: 9989
Ion Ratio Lower Upper
84 100
49 133.9 90.9 168.7
86 54.4 44.4 82.5





#21
 2-Butanone
 Concen: 14.614 ug/L
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW004289.D
 Acq: 28 Jul 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1J2

Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.3	12.3	36.9

Manual Integrations
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