

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072918\
 Data File : VW004280.D
 Acq On : 27 Jul 2018 18:49
 Operator : SY/AP
 Sample : J4205-05
 Misc : 4.64G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JJ1L2

Quant Time: Jul 27 23:18:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 23:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	395756	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	377708	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	160072	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	130822	32.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.32%
7) Chloroethane-d5	2.89	69	75404	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.08%
10) 1,1-Dichloroethene-d2	4.00	63	200187	21.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.20%
20) 2-Butanone-d5	7.08	46	102104	45.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.54%
24) Chloroform-d	7.65	84	261952	25.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	8.31	65	160557	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.36%
29) Benzene-d6	8.27	84	523117	26.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.52%
33) 1,2-Dichloropropane-d6	9.28	67	175118	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.20%
37) Toluene-d8	10.33	98	483140	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.12%
38) trans-1,3-Dichloropropene-	10.58	79	73864	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.76%
39) 2-Hexanone-d5	10.93	63	77135	44.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	163450	24.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	164702	27.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.08%

Target Compounds

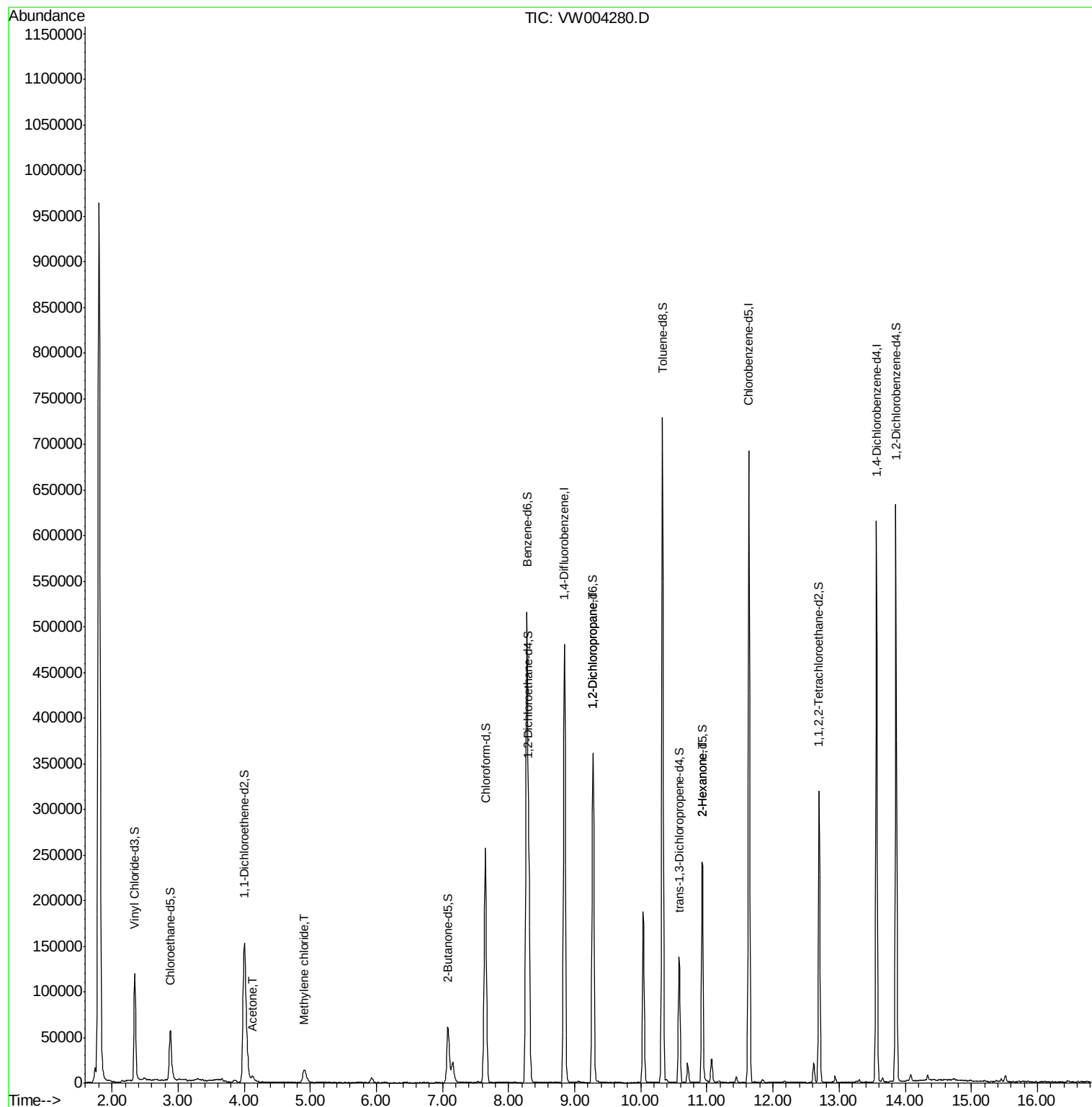
					Qvalue
13) Acetone	4.12	43	6772	2.973 ug/L	85
16) Methylene chloride	4.90	84	12927	2.330 ug/L	91
40) 1,2-Dichloropropane	9.28	63	18860	3.199 ug/L #	89
49) 2-Hexanone	10.93	43	11199	2.721 ug/L #	71

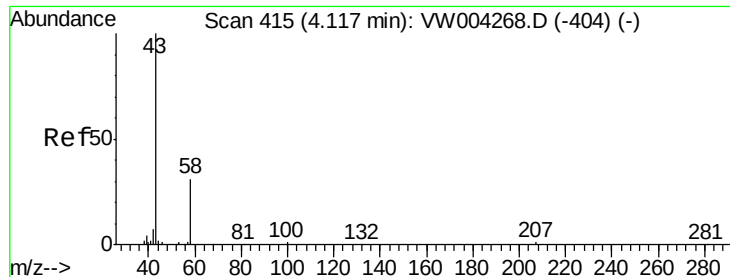
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.973 ug/L

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004280.D

Acq: 27 Jul 2018 18:49

Instrument :

MSVOA_W

ClientSampled :

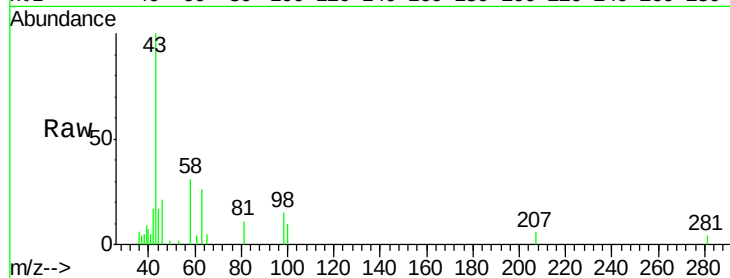
JJ1L2

Tgt Ion: 43 Resp: 6772

Ion Ratio Lower Upper

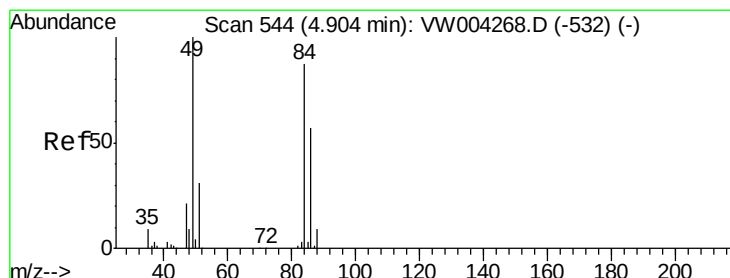
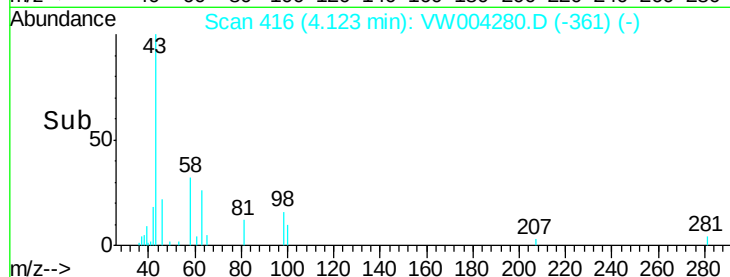
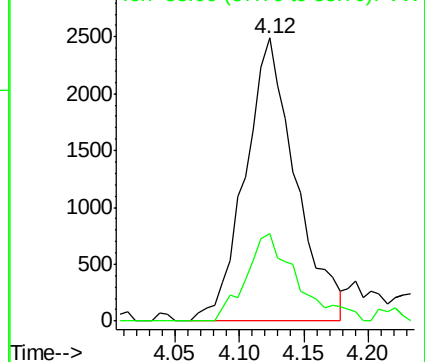
43 100

58 21.7 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: 2.330 ug/L

RT: 4.90 min Scan# 544

Delta R.T. -0.00 min

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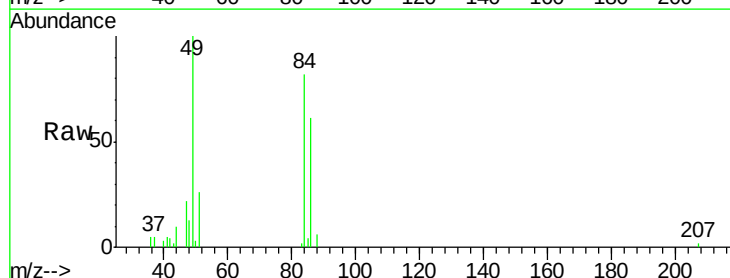
Tgt Ion: 84 Resp: 12927

Ion Ratio Lower Upper

84 100

49 122.6 90.9 168.7

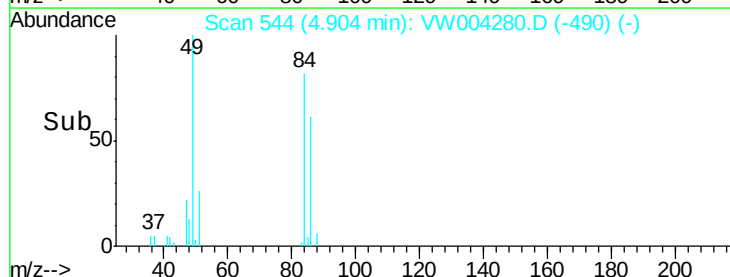
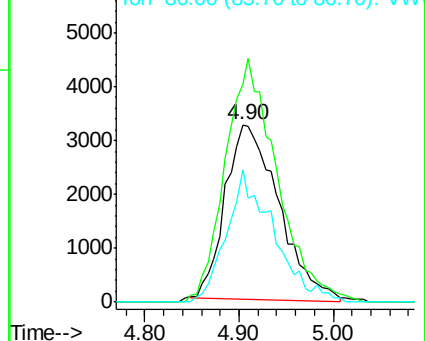
86 74.8 44.4 82.5

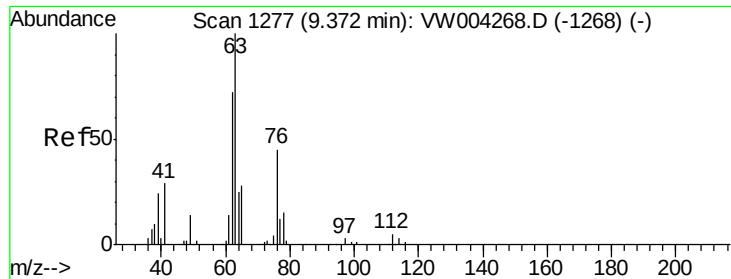


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

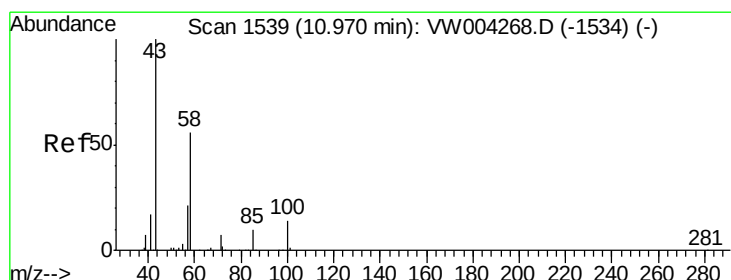
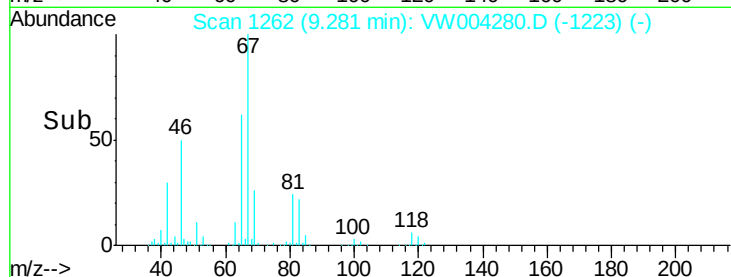
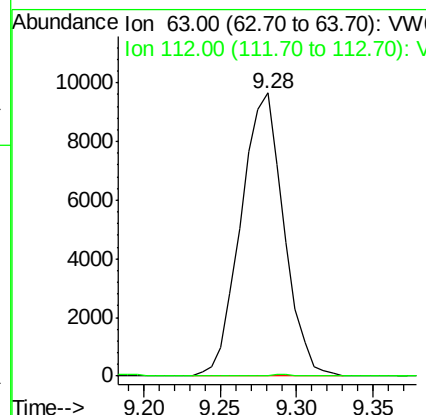
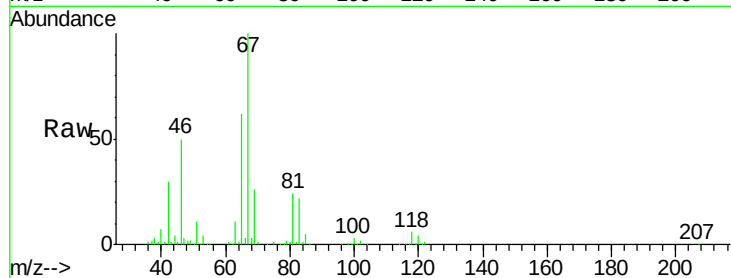




#40
 1,2-Dichloropropane
 Concen: 3.199 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.09 min
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 MSVOA_W
 ClientSampled :
 JJ1L2

Tgt Ion: 63 Resp: 18860
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.2 4.8#



#49
 2-Hexanone
 Concen: 2.721 ug/L
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.04 min
 Lab File: VW004280.D
 Acq: 27 Jul 2018 18:49

Tgt Ion: 43 Resp: 11199
 Ion Ratio Lower Upper
 43 100
 58 28.4 39.8 59.8#
 57 29.9 13.9 20.9#
 100 2.5 8.0 12.0#

