

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
 Data File : VW003564.D
 Acq On : 26 Jun 2018 00:46
 Operator : SY/AP
 Sample : J3641-04
 Misc : 6.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZC5

Quant Time: Jun 26 04:22:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 26 03:05:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	113623	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	137622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	58220	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	12102	7.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	31.40%
7) Chloroethane-d5	2.89	69	18248	14.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.76%
10) 1,1-Dichloroethene-d2	4.01	63	24683	8.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	32.28%#
20) 2-Butanone-d5	7.10	46	5716	11.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	23.54%
24) Chloroform-d	7.65	84	97762	32.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.84%
26) 1,2-Dichloroethane-d4	8.31	65	86378	48.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	194.52%#
29) Benzene-d6	8.28	84	143376	19.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.52%
33) 1,2-Dichloropropane-d6	9.28	67	69412	30.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.12%#
37) Toluene-d8	10.33	98	127490	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.04%
38) trans-1,3-Dichloropropene-	10.58	79	22553	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.12%
39) 2-Hexanone-d5	10.93	63	4436	9.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.78%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	90732	42.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	168.76%#
61) 1,2-Dichlorobenzene-d4	13.86	152	63377	28.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.28%

Target Compounds

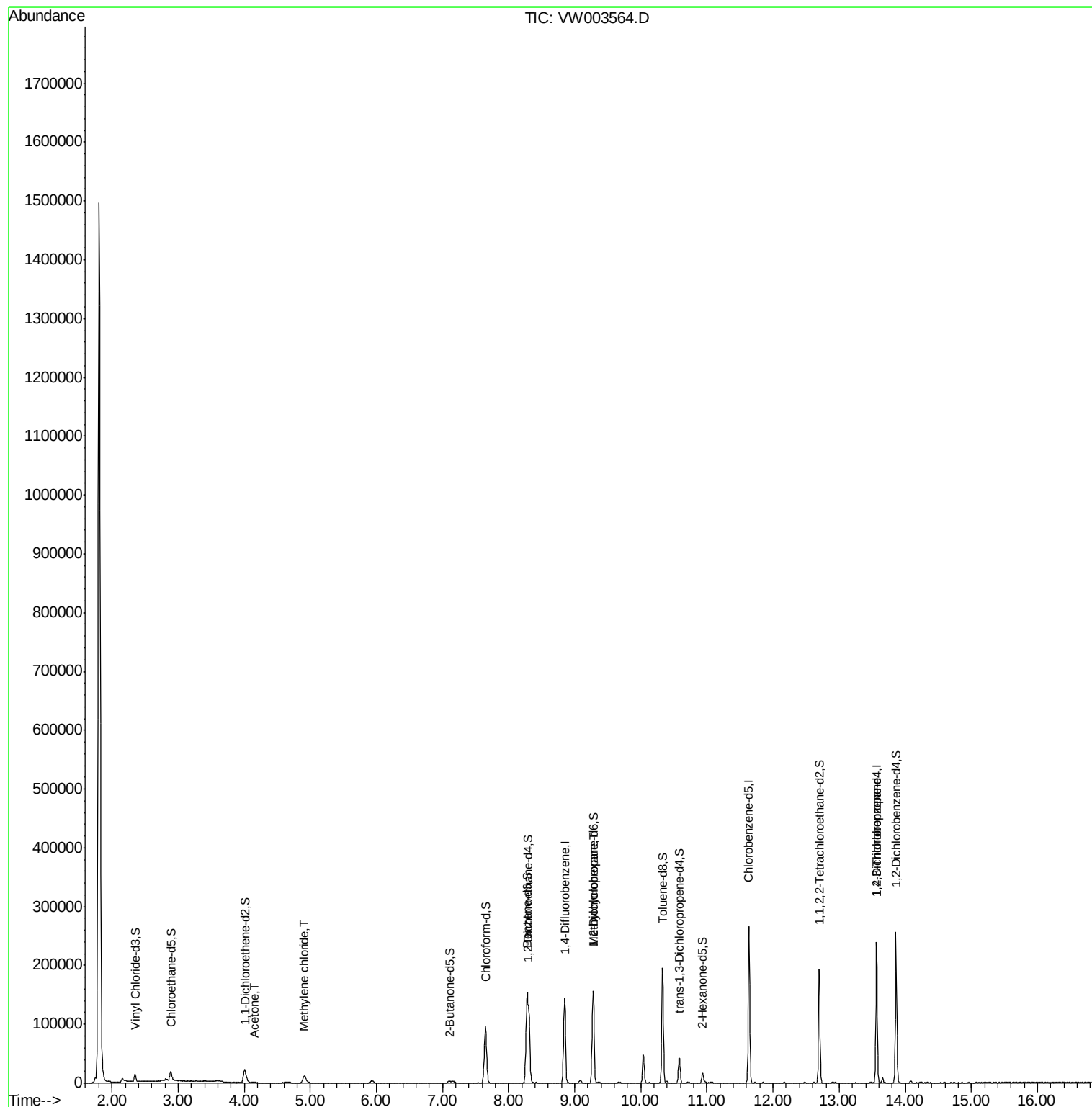
					Qvalue
13) Acetone	4.15	43	1333	2.575 ug/L	60
16) Methylene chloride	4.91	84	5610	3.583 ug/L	90
36) Methylcyclohexane	9.28	83	16319	4.519 ug/L #	18
59) 1,2,3-Trichloropropane	13.57	75	7761	4.983 ug/L #	84

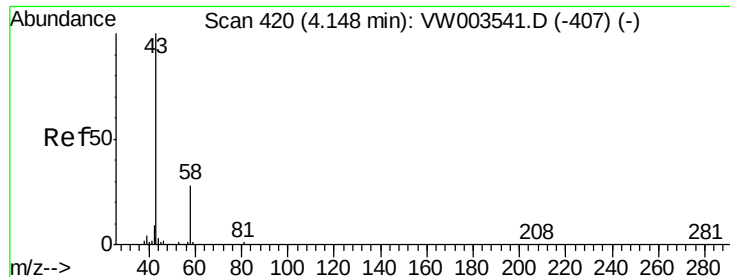
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.575 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampled :

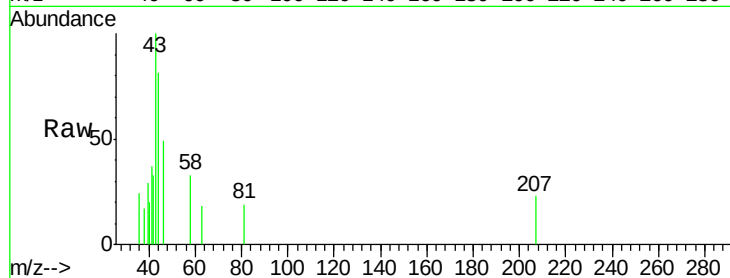
DAZC5

Tgt Ion: 43 Resp: 1333

Ion Ratio Lower Upper

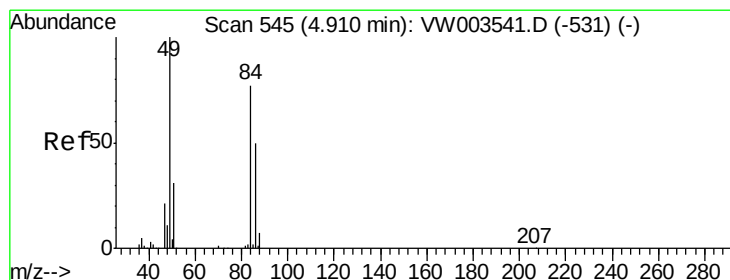
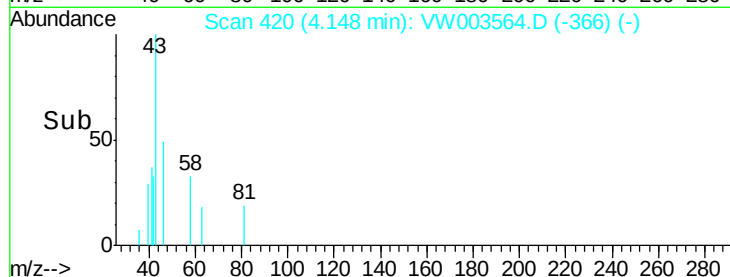
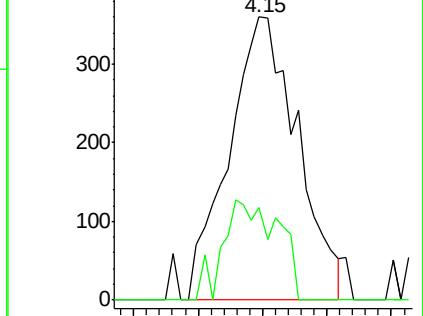
43 100

58 7.7 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.583 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

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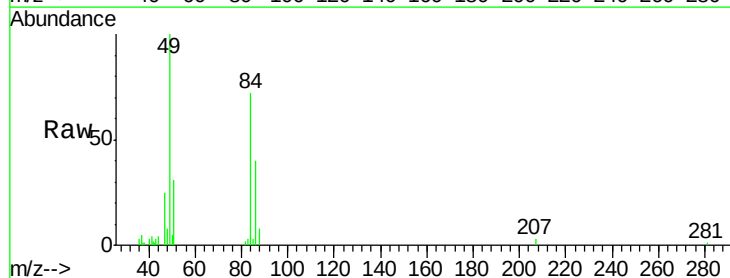
Tgt Ion: 84 Resp: 5610

Ion Ratio Lower Upper

84 100

49 138.0 88.7 164.7

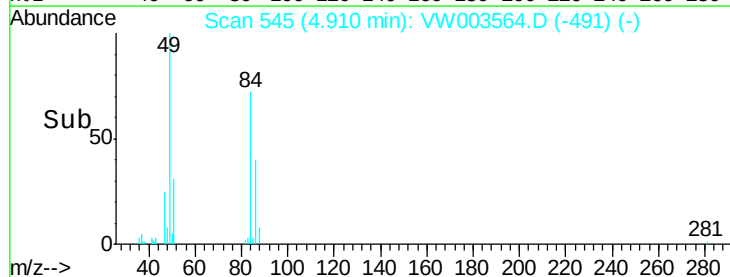
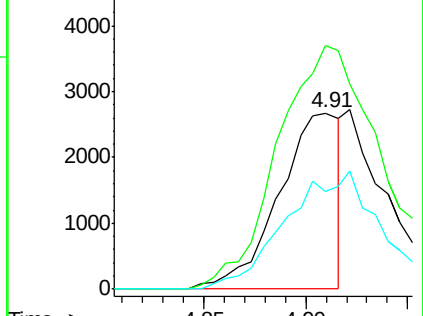
86 55.5 44.2 82.0

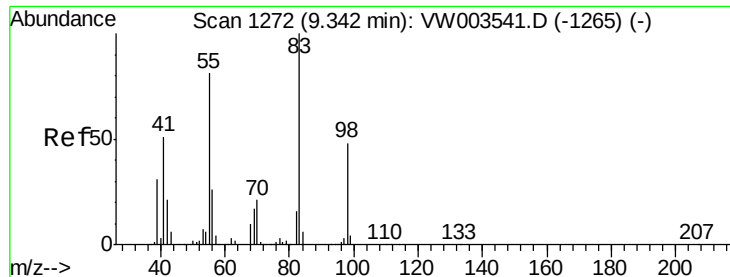


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

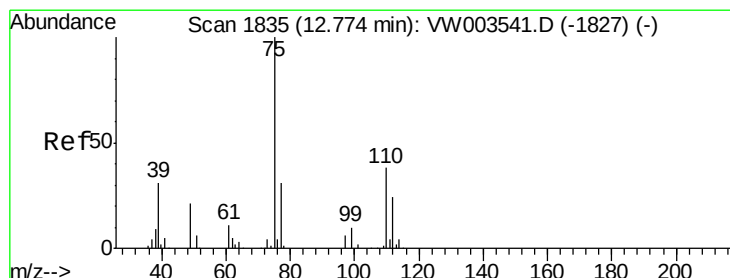
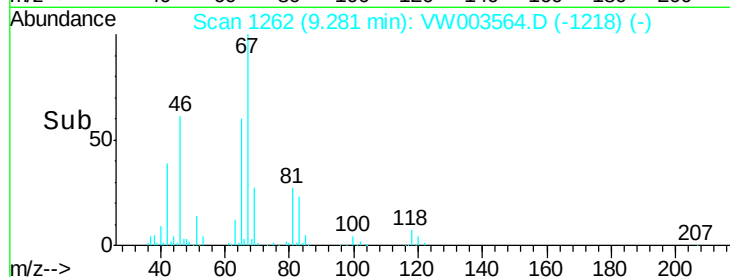
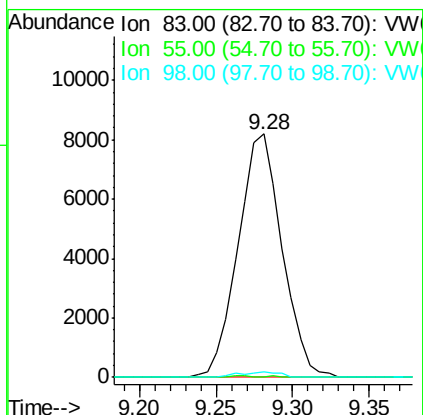
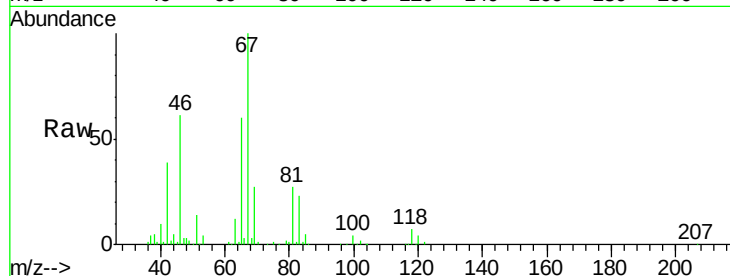




#36
Methylcyclohexane
Concen: 4.519 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 16319
Ion Ratio Lower Upper
83 100
55 0.0 63.9 95.9#
98 1.3 37.1 55.7#



#59
1,2,3-Trichloropropane
Concen: 4.983 ug/L
RT: 13.57 min Scan# 1965
Delta R.T. 0.79 min
Lab File: VW003564.D
Acq: 26 Jun 2018 00:46

Tgt Ion: 75 Resp: 7761
Ion Ratio Lower Upper
75 100
77 41.5 26.0 39.0#

