

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004074.D
 Acq On : 20 Jul 2018 14:08
 Operator : SY/AP
 Sample : J4023-06
 Misc : 6.04G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 04:56:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	290056	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	233548	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	63474	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60989	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
7) Chloroethane-d5	2.89	69	46693	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
10) 1,1-Dichloroethene-d2	4.01	63	107879	15.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.68%
20) 2-Butanone-d5	7.08	46	49424	29.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.76%
24) Chloroform-d	7.65	84	171841	24.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	8.31	65	101267	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.68%
29) Benzene-d6	8.27	84	297356	27.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.80%
33) 1,2-Dichloropropane-d6	9.28	67	106783	29.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.20%
37) Toluene-d8	10.33	98	233175	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	10.58	79	37100	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.93	63	33198	34.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.26%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	77933	19.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	47608	23.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.32%

Target Compounds

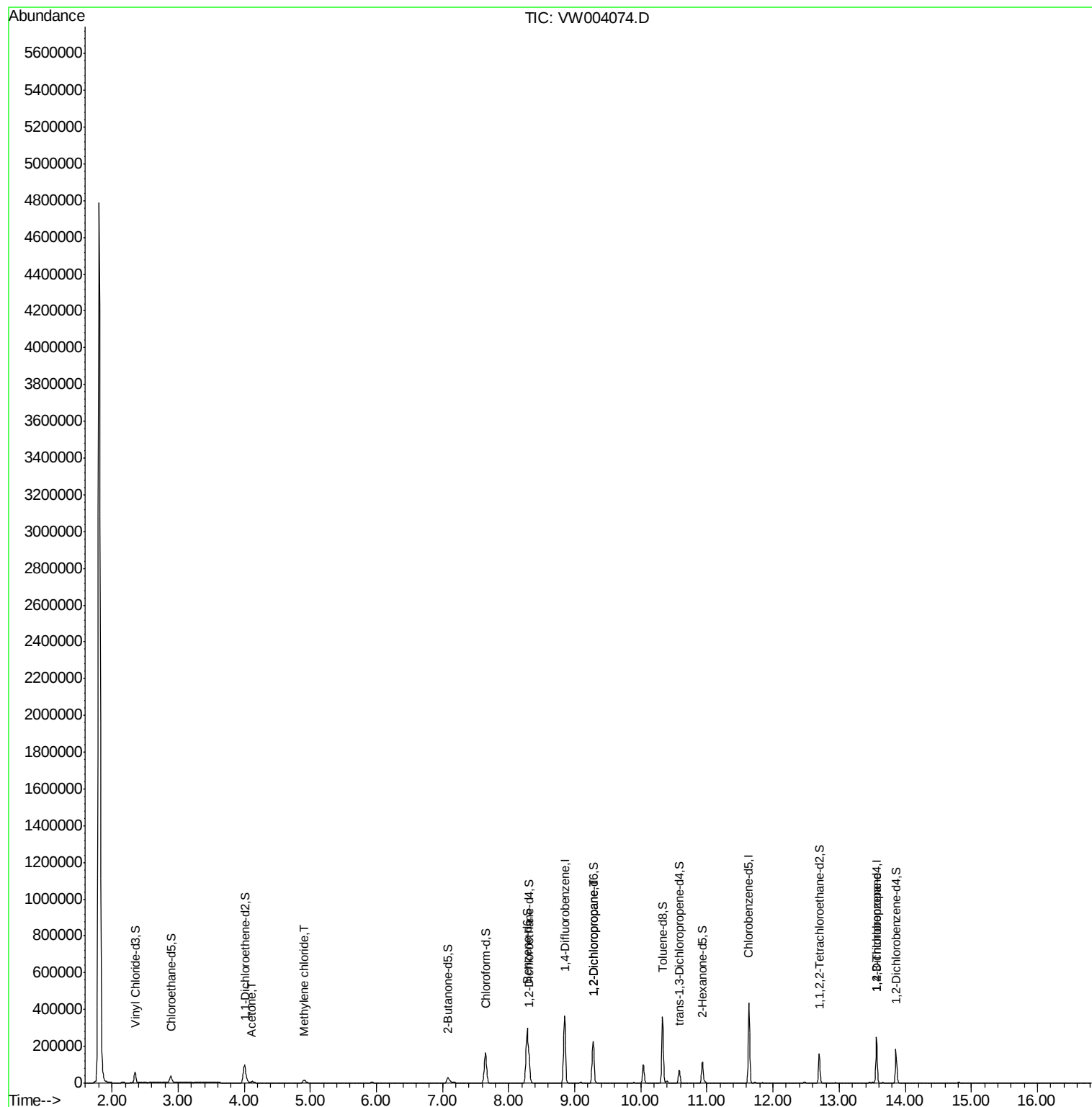
					Ovalue
13) Acetone	4.12	43	13055	7.137 ug/L	95
16) Methylene chloride	4.91	84	11778	2.117 ug/L	97
40) 1,2-Dichloropropane	9.27	63	12273	3.162 ug/L #	90
59) 1,2,3-Trichloropropane	13.57	75	7861	2.355 ug/L #	83

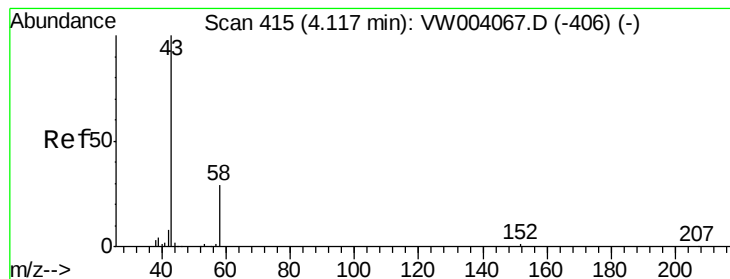
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.137 ug/L

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004074.D

Acq: 20 Jul 2018 14:08

Instrument :

MSVOA_W

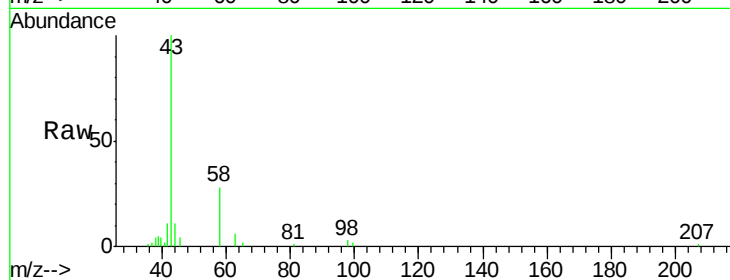
ClientSampleId :

Tot Ion: 43 Resp: 13055

Ion Ratio Lower Upper

43 100

58 27.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

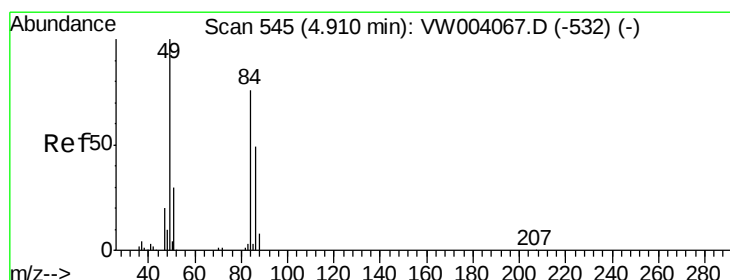
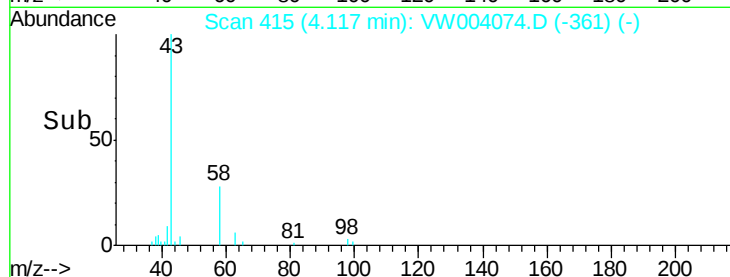
3000

2000

1000

0

Time--> 4.00 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 2.117 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

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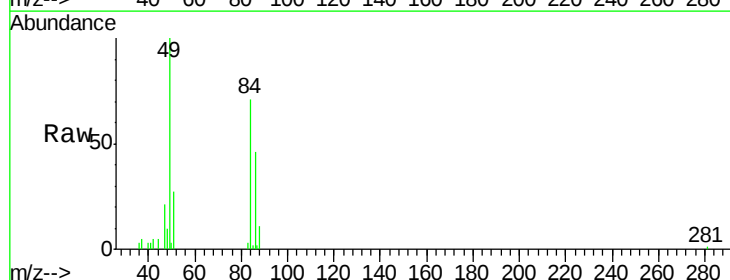
Tgt Ion: 84 Resp: 11778

Ion Ratio Lower Upper

84 100

49 140.0 94.2 175.0

86 64.8 45.1 83.9



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

4.91

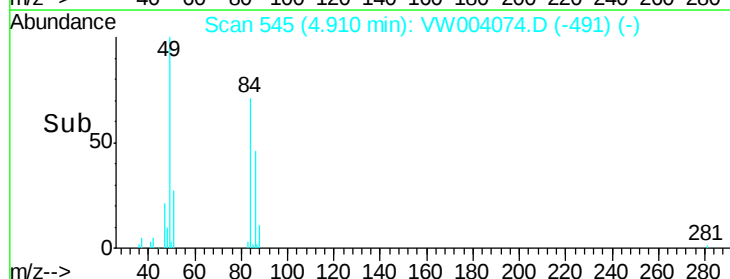
6000

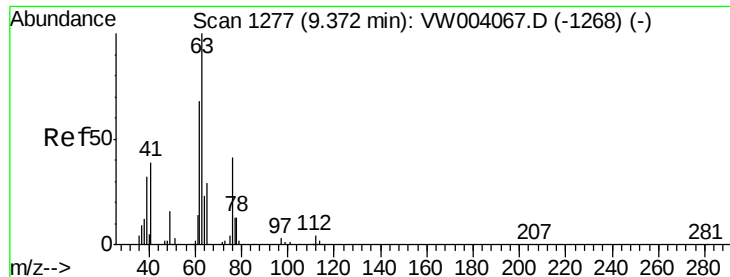
4000

2000

0

Time--> 4.80 4.85 4.90 4.95 5.00

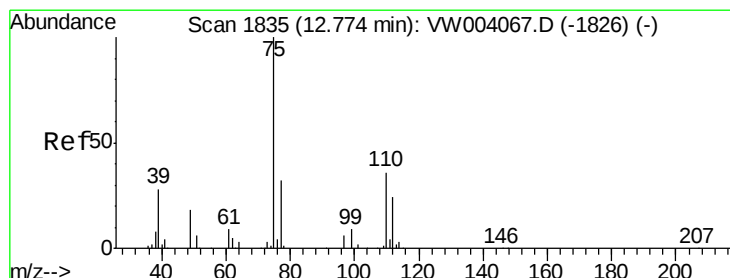
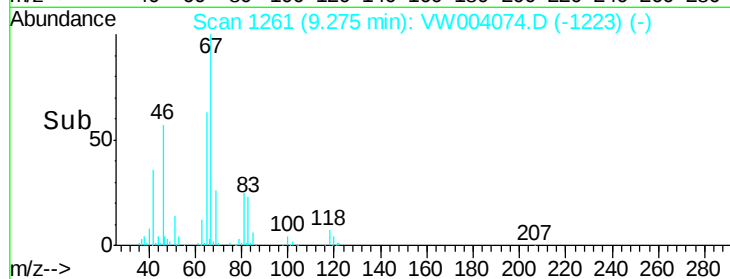
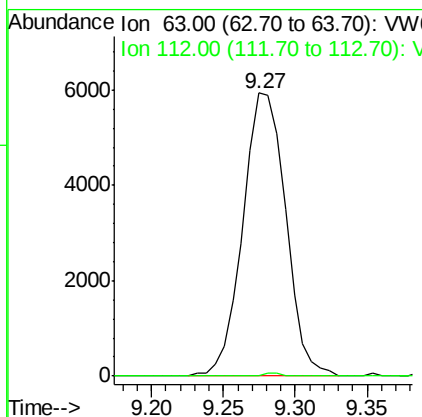
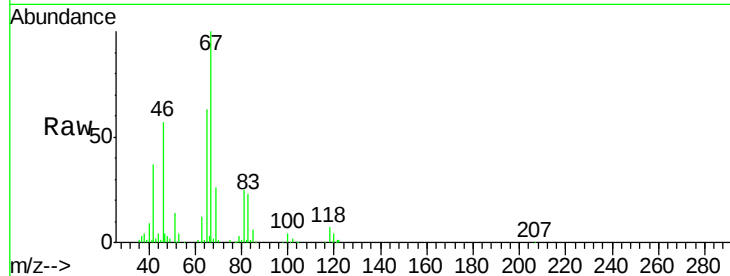




#40
 1,2-Dichloropropane
 Concen: 3.162 ug/L
 RT: 9.27 min Scan# 1261
 Delta R.T. -0.10 min
 Lab File: VW004074.D
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Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 63 Resp: 12273
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.0 4.4#



#59
 1,2,3-Trichloropropane
 Concen: 2.355 ug/L
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.79 min
 Lab File: VW004074.D
 Acq: 20 Jul 2018 14:08

Tgt Ion: 75 Resp: 7861
 Ion Ratio Lower Upper
 75 100
 77 41.3 25.4 38.0#

