

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003410.D
 Acq On : 22 Jun 2018 01:49
 Operator : SY/AP
 Sample : J3619-18
 Misc : 7.12G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ88

Quant Time: Jun 22 07:30:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 07:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	231233	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223087	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	88422	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70836	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
7) Chloroethane-d5	2.89	69	62201	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.08%
10) 1,1-Dichloroethene-d2	4.01	63	107312	17.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.92%
20) 2-Butanone-d5	7.09	46	70689	71.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.06%#
24) Chloroform-d	7.65	84	161372	26.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.12%
26) 1,2-Dichloroethane-d4	8.31	65	110685	30.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.48%
29) Benzene-d6	8.28	84	289797	24.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.92%
33) 1,2-Dichloropropane-d6	9.28	67	101035	26.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.84%
37) Toluene-d8	10.33	98	260241	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	10.58	79	42378	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.36%
39) 2-Hexanone-d5	10.93	63	49782	65.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.00%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	104404	29.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	90106	26.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.92%

Target Compounds

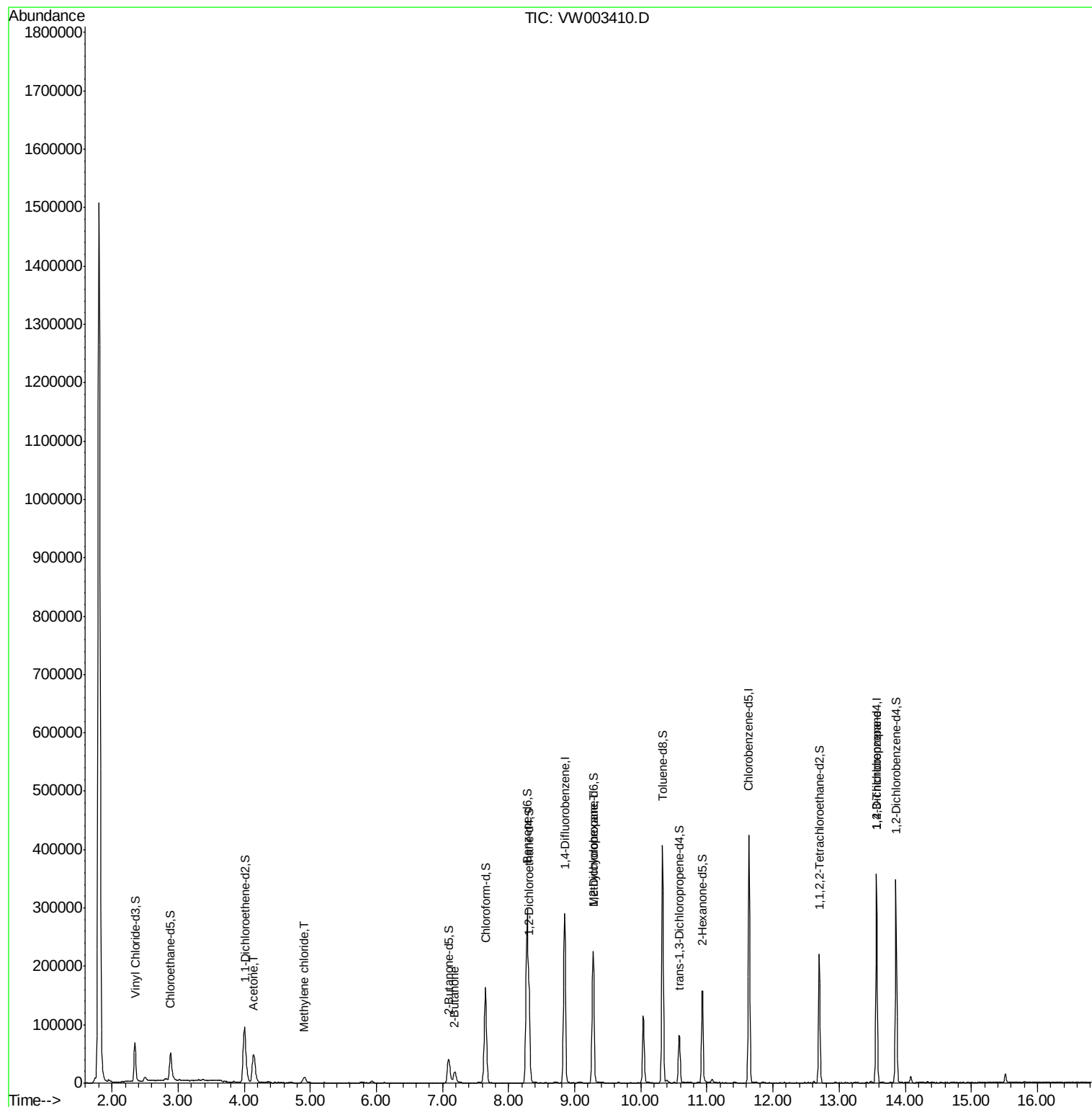
					Qvalue
13) Acetone	4.14	43	100729	95.629 ug/L	97
16) Methylene chloride	4.91	84	7528	2.363 ug/L	95
21) 2-Butanone	7.18	43	30819	24.899 ug/L	95
36) Methylcyclohexane	9.28	83	24283	4.149 ug/L #	18
59) 1,2,3-Trichloropropane	13.57	75	11170	4.424 ug/L #	86

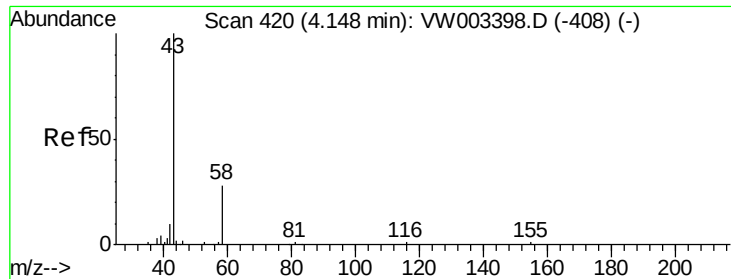
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 95.629 ug/L

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003410.D

Acq: 22 Jun 2018 01:49

Instrument :

MSVOA_W

ClientSampled :

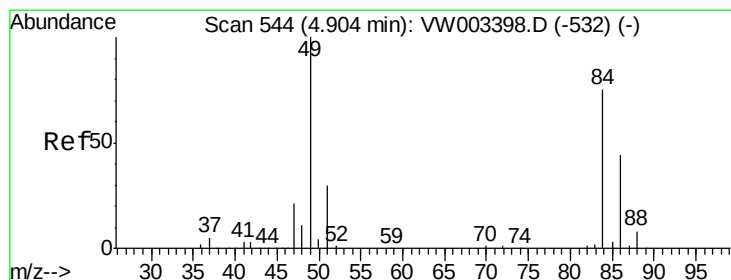
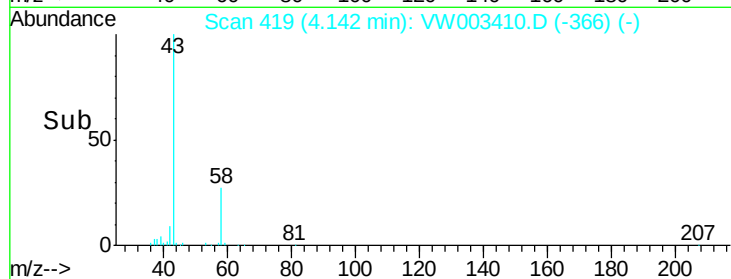
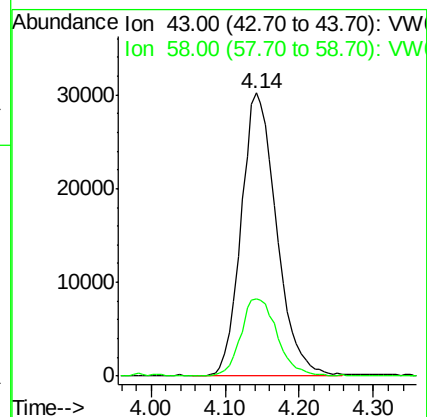
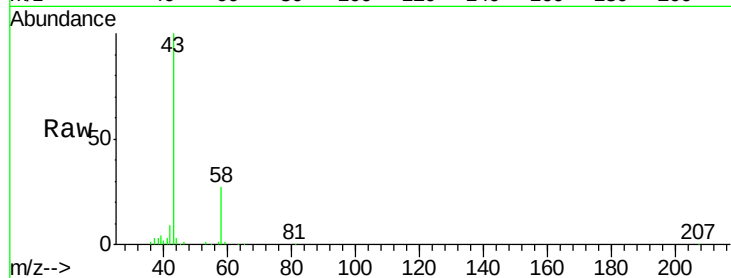
DAZ88

Tgt Ion: 43 Resp: 100729

Ion Ratio Lower Upper

43 100

58 28.0 0.0 58.6



#16

Methylene chloride

Concen: 2.363 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

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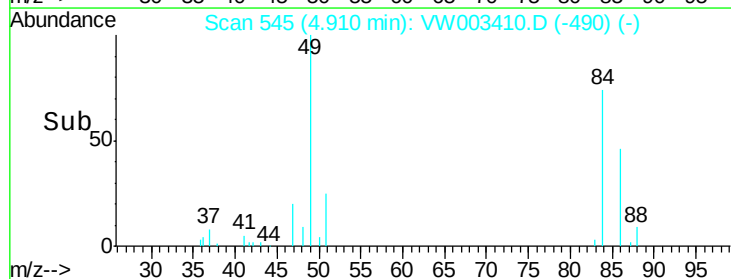
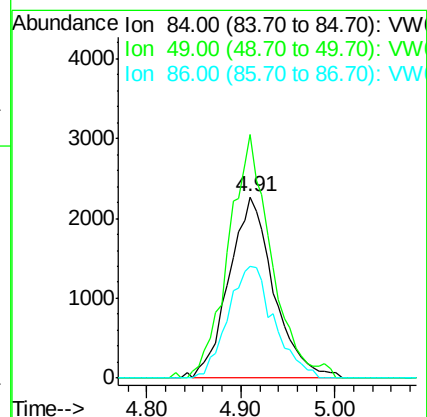
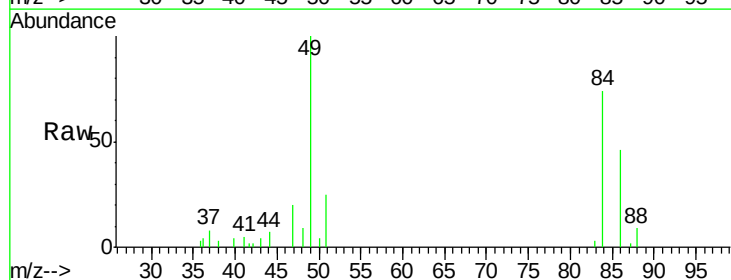
Tgt Ion: 84 Resp: 7528

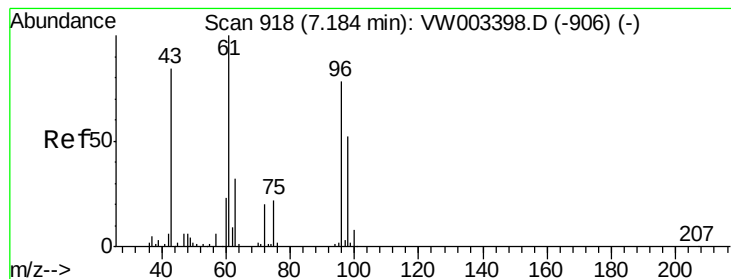
Ion Ratio Lower Upper

84 100

49 134.2 88.7 164.7

86 61.6 44.2 82.0





#21

2-Butanone

Concen: 24.899 ug/L

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

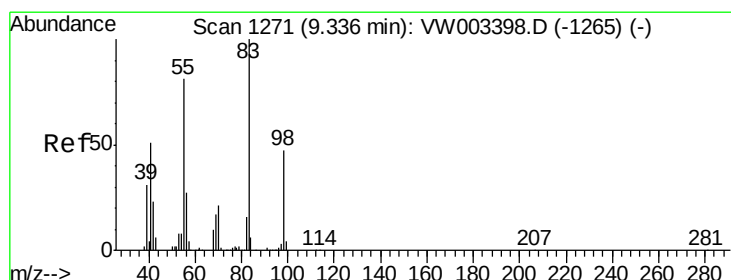
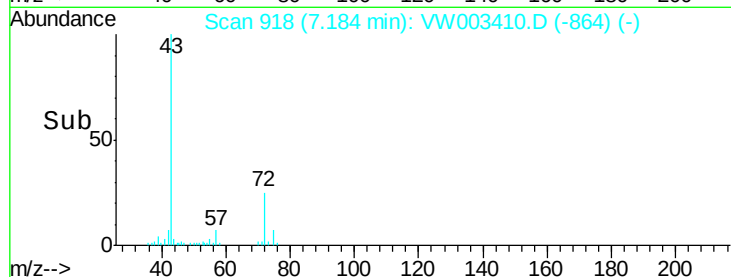
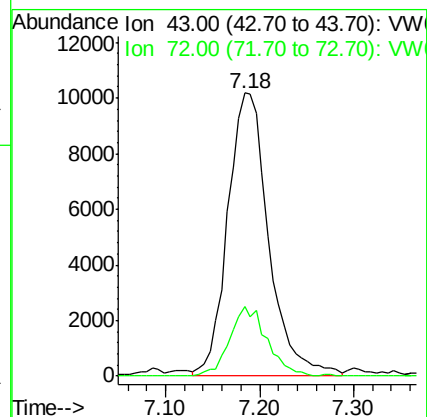
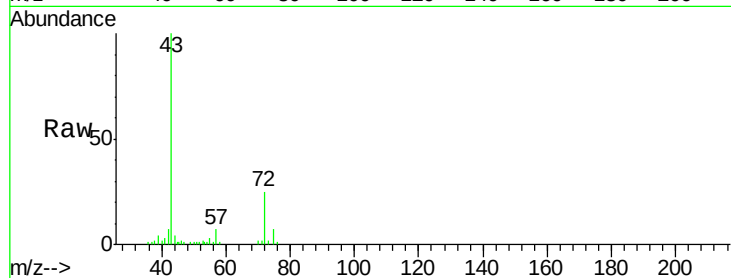
DAZ88

Tgt Ion: 43 Resp: 30819

Ion Ratio Lower Upper

43 100

72 22.3 12.5 37.5



#36

Methylcyclohexane

Concen: 4.149 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.05 min

Lab File: VW003410.D

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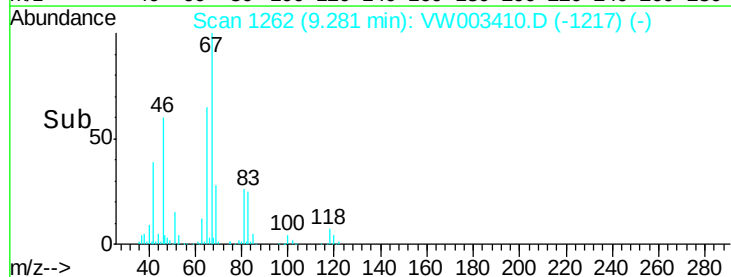
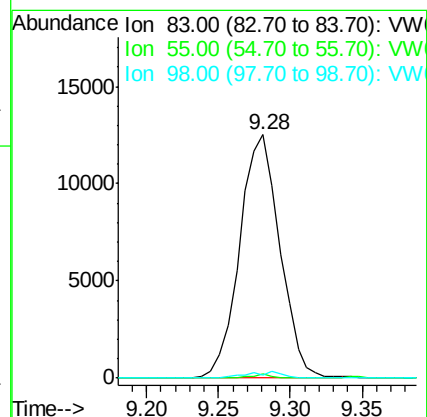
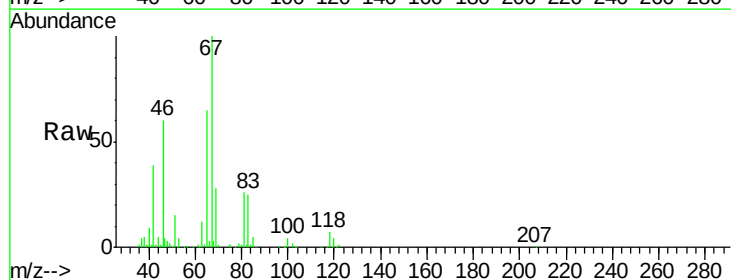
Tgt Ion: 83 Resp: 24283

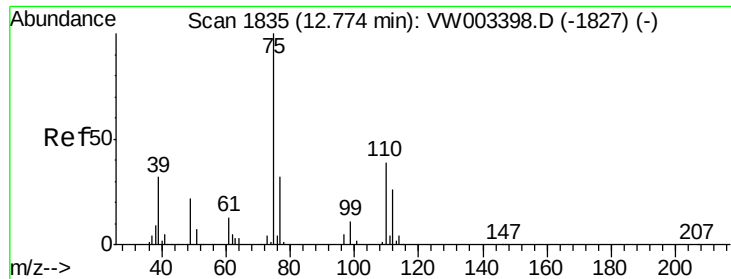
Ion Ratio Lower Upper

83 100

55 0.8 63.9 95.9#

98 1.0 37.1 55.7#





#59

1,2,3-Trichloropropane

Concen: 4.424 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW003410.D

Acq: 22 Jun 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

DAZ88

Tgt Ion: 75 Resp: 11170

Ion Ratio Lower Upper

75 100

77 40.4 26.0 39.0#

