

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003386.D
 Acq On : 21 Jun 2018 14:36
 Operator : SY/AP
 Sample : J3569-13
 Misc : 6.98G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXR4RE

Quant Time: Jun 22 04:55:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 04:53:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	84653	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	78345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	29079	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34942	30.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.76%
7) Chloroethane-d5	2.89	69	27450	28.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.64%
10) 1,1-Dichloroethene-d2	4.01	63	49064	21.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.08%
20) 2-Butanone-d5	7.09	46	19079	52.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.48%
24) Chloroform-d	7.65	84	59711	26.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.24%
26) 1,2-Dichloroethane-d4	8.31	65	35697	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.92%
29) Benzene-d6	8.27	84	110331	26.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.16%
33) 1,2-Dichloropropane-d6	9.28	67	35875	27.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.04%
37) Toluene-d8	10.33	98	94340	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.96%
38) trans-1,3-Dichloropropene-	10.58	79	14443	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.52%
39) 2-Hexanone-d5	10.93	63	11885	44.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.38%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	28988	23.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.72%
61) 1,2-Dichlorobenzene-d4	13.87	152	27582	25.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.44%

Target Compounds

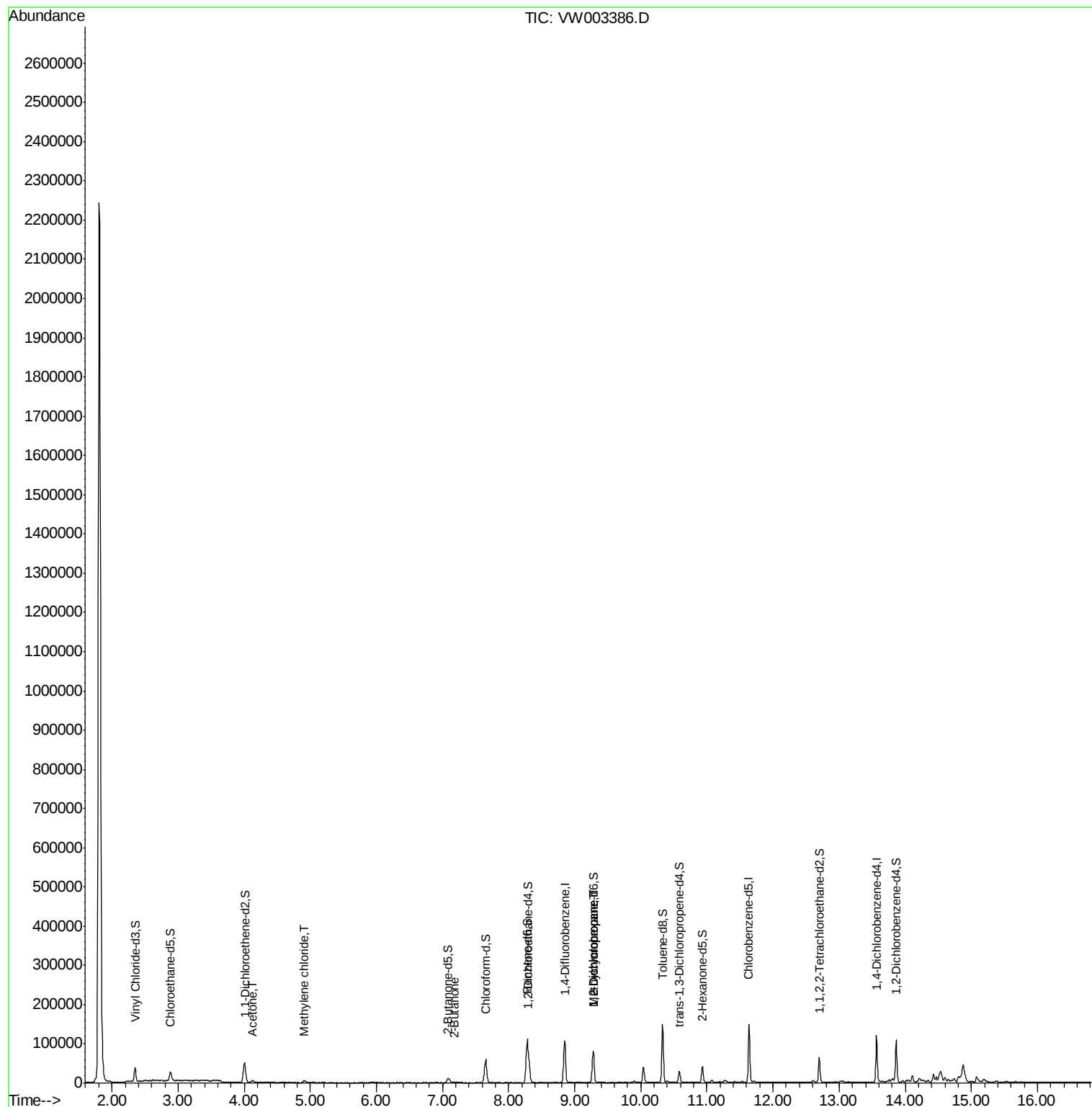
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	8674	22.494	ug/L	70
16) Methylene chloride	4.91	84	3159	2.708	ug/L	91
21) 2-Butanone	7.18	43	1471	3.246	ug/L	82
36) Methylcyclohexane	9.28	83	8447	4.109	ug/L #	19
40) 1,2-Dichloropropane	9.28	63	4309	3.665	ug/L #	87

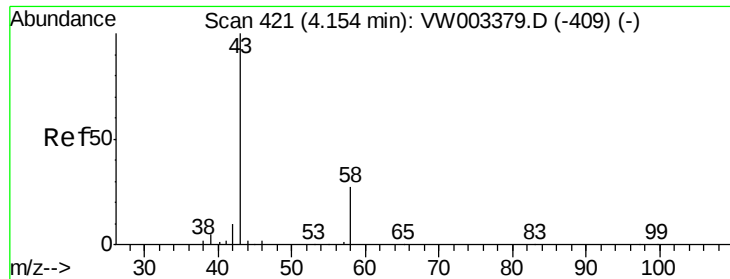
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 04:53:24 2018
Response via : Initial Calibration





#13

Acetone

Concen: 22.494 ug/L

RT: 4.12 min Scan# 416

Delta R.T. -0.03 min

Lab File: VW003386.D

Acq: 21 Jun 2018 14:36

Instrument :

MSVOA_W

ClientSampled :

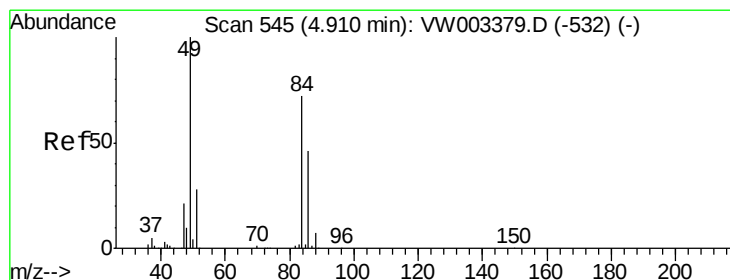
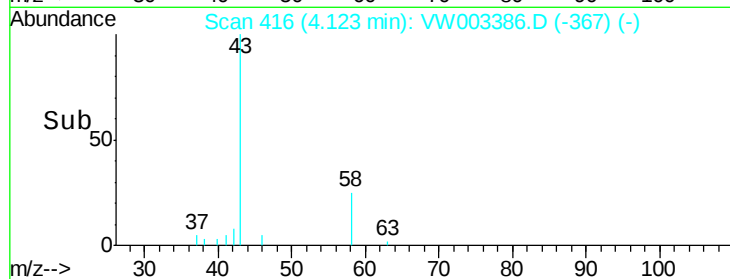
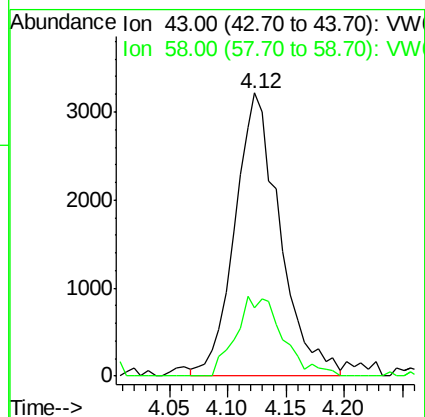
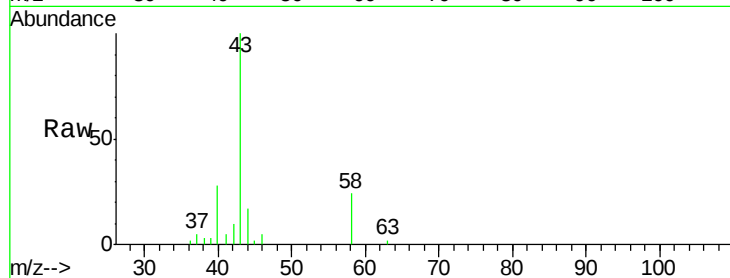
DAXR4RE

Tgt Ion: 43 Resp: 8674

Ion Ratio Lower Upper

43 100

58 13.4 0.0 58.6



#16

Methylene chloride

Concen: 2.708 ug/L

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003386.D

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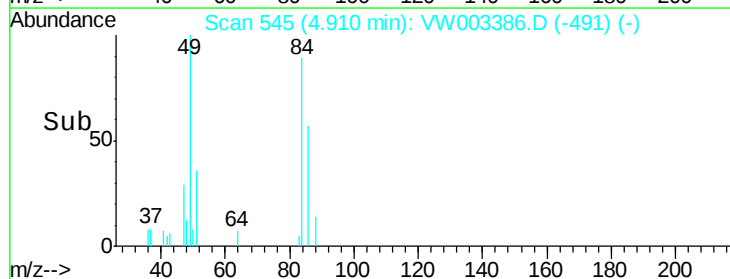
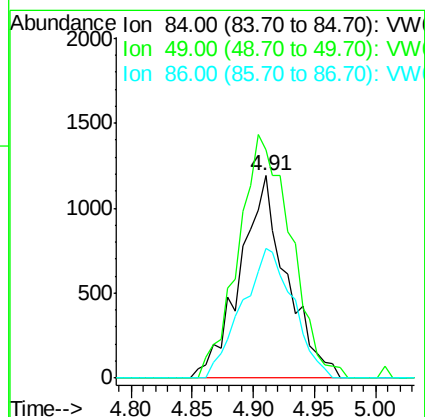
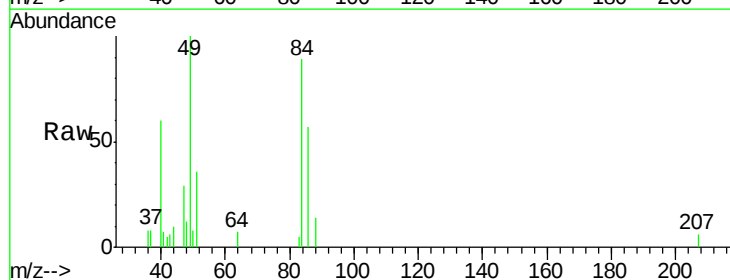
Tgt Ion: 84 Resp: 3159

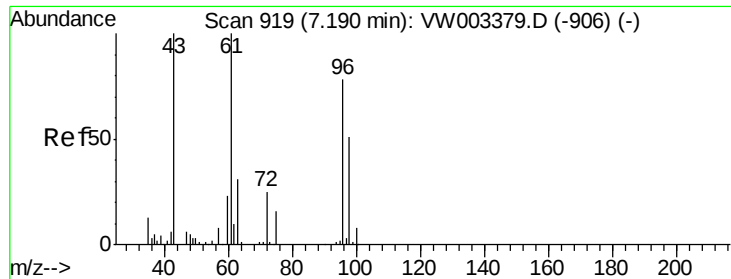
Ion Ratio Lower Upper

84 100

49 112.8 88.7 164.7

86 64.3 44.2 82.0





#21

2-Butanone

Concen: 3.246 ug/L

RT: 7.18 min Scan# 918

Delta R.T. -0.01 min

Lab File: VW003386.D

Acq: 21 Jun 2018 14:36

Instrument :

MSVOA_W

ClientSampleId :

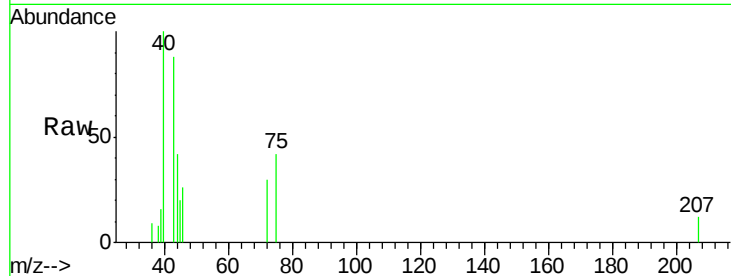
DAXR4RE

Tgt Ion: 43 Resp: 1471

Ion Ratio Lower Upper

43 100

72 15.8 12.5 37.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.18

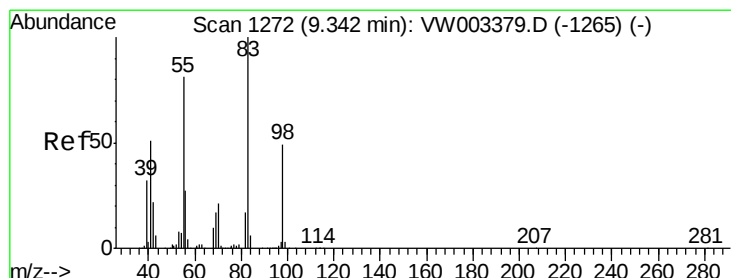
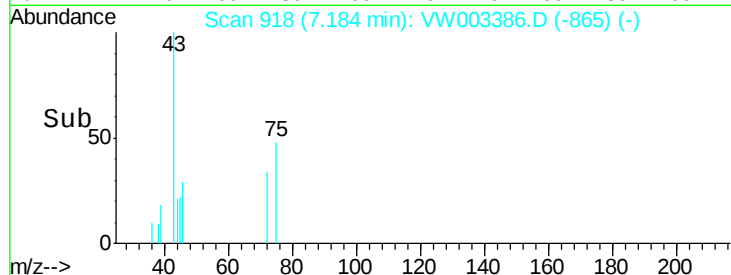
600

400

200

0

Time-->



#36

Methylcyclohexane

Concen: 4.109 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.06 min

Lab File: VW003386.D

Acq: 21 Jun 2018 14:36

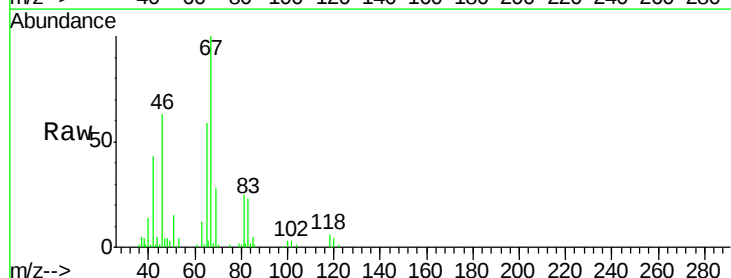
Tgt Ion: 83 Resp: 8447

Ion Ratio Lower Upper

83 100

55 1.2 63.9 95.9#

98 1.9 37.1 55.7#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

9.28

5000

4000

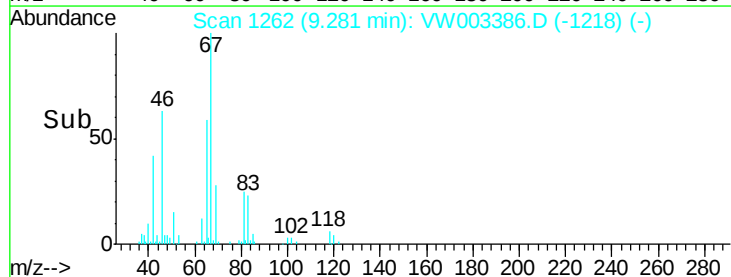
3000

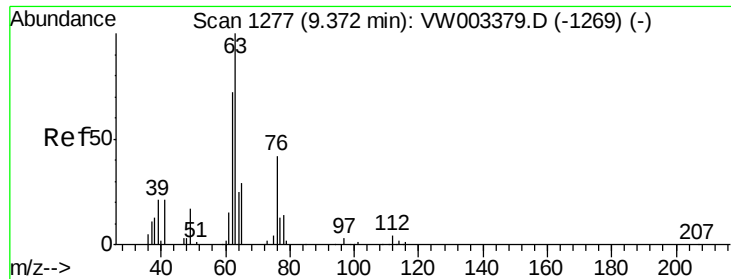
2000

1000

0

Time-->





#40
 1,2-Dichloropropane
 Concen: 3.665 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.09 min
 Lab File: VW003386.D
 Acq: 21 Jun 2018 14:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DAXR4RE

Tgt Ion: 63 Resp: 4309
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#

