

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005802.D
 Acq On : 03 Oct 2018 03:45
 Operator : SY/AP
 Sample : J5182-15
 Misc : 3.48G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC64

Quant Time: Oct 03 08:13:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	195673	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	194104	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	72364	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	41655	16.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.80%
7) Chloroethane-d5	2.89	69	35415	18.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.80%
10) 1,1-Dichloroethene-d2	4.01	63	74600	13.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.80%
20) 2-Butanone-d5	7.09	46	39703	49.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.16%
24) Chloroform-d	7.65	84	130739	26.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	8.31	65	82814	27.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.80%
29) Benzene-d6	8.27	84	219520	22.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.40%
33) 1,2-Dichloropropane-d6	9.28	67	71011	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.28%
37) Toluene-d8	10.33	98	196906	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.04%
38) trans-1,3-Dichloropropene-	10.58	79	30385	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.32%
39) 2-Hexanone-d5	10.93	63	29851	45.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.80%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	73918	27.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	70872	27.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.72%

Target Compounds

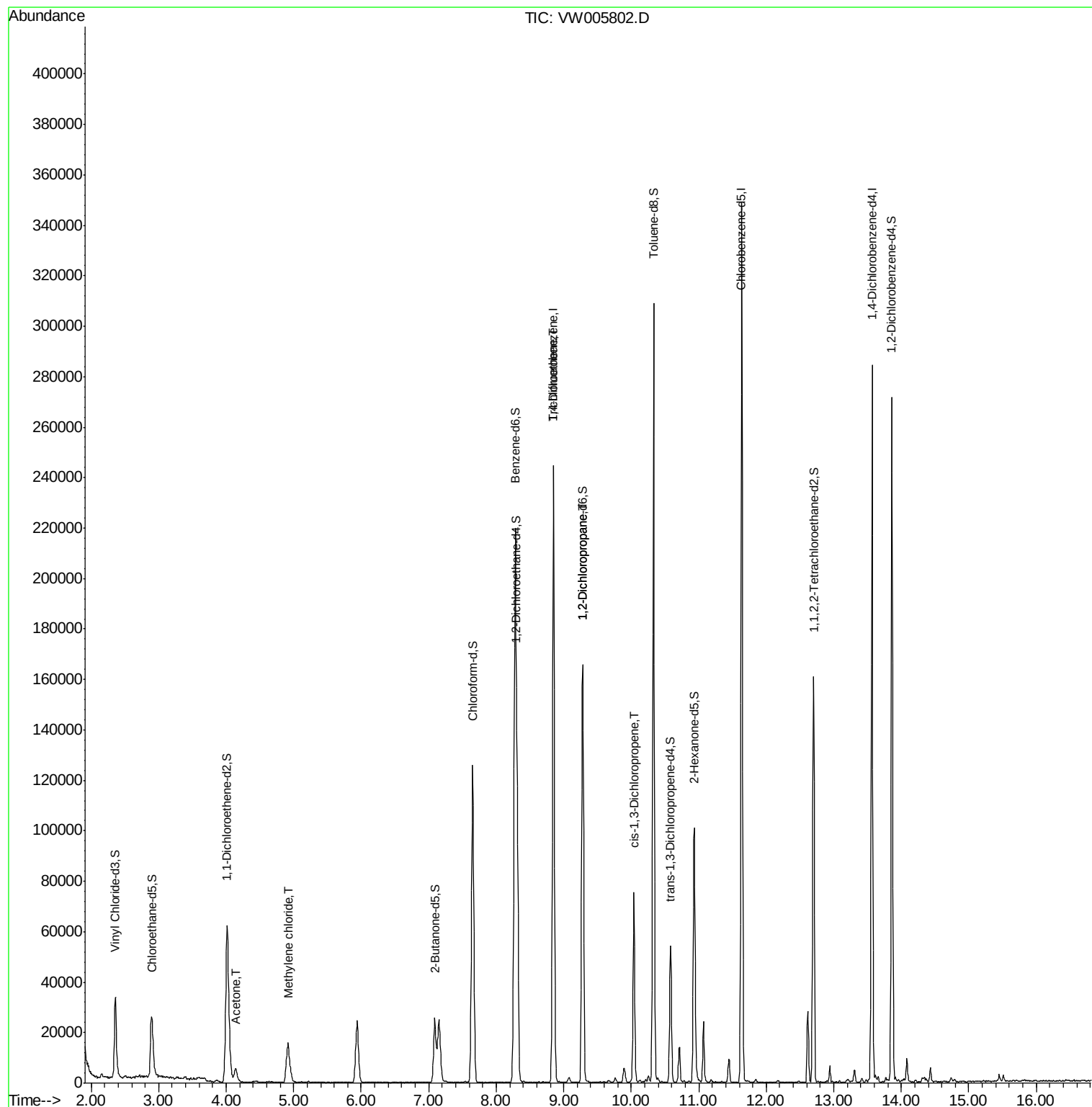
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.14	43	8936	10.716	ug/L	70
16) Methylene chloride	4.92	84	13341	4.135	ug/L	93
35) Trichloroethene	8.85	95	6556	2.234	ug/L #	5
40) 1,2-Dichloropropane	9.28	63	8850	3.311	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2050	0.464	ug/L #	69

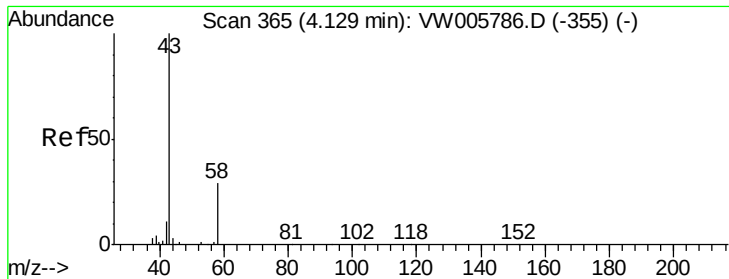
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 08:01:39 2018
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#13

Acetone

Concen: 10.716 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005802.D

Acq: 03 Oct 2018 03:45

Instrument :

MSVOA_W

ClientSampled :

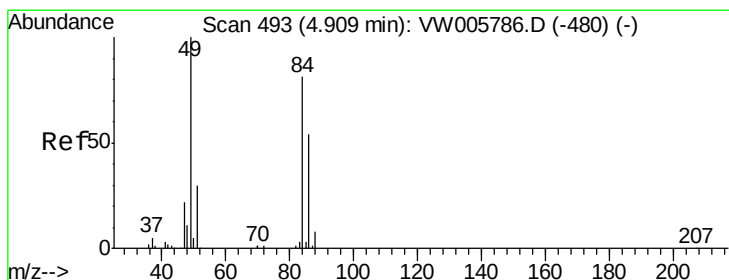
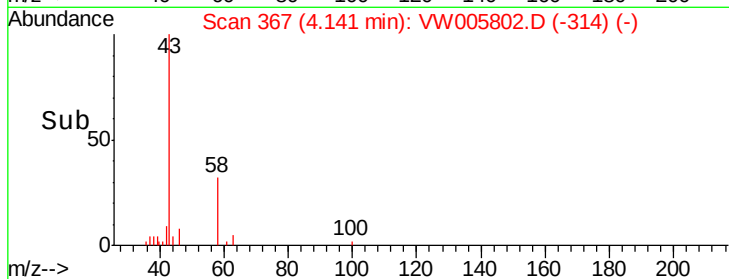
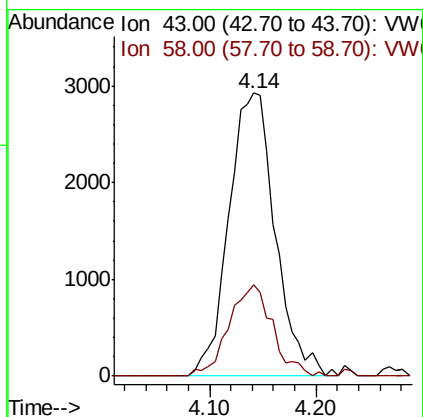
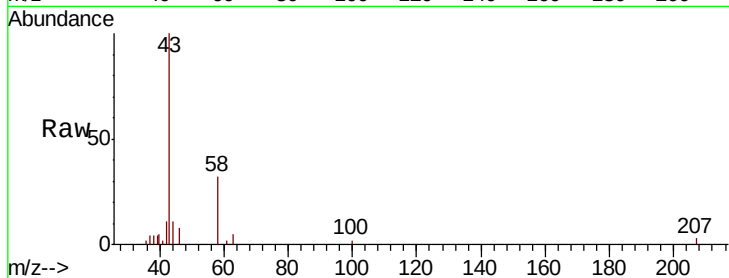
JLC64

Tgt Ion: 43 Resp: 8936

Ion Ratio Lower Upper

43 100

58 28.7 0.0 31.8



#16

Methylene chloride

Concen: 4.135 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005802.D

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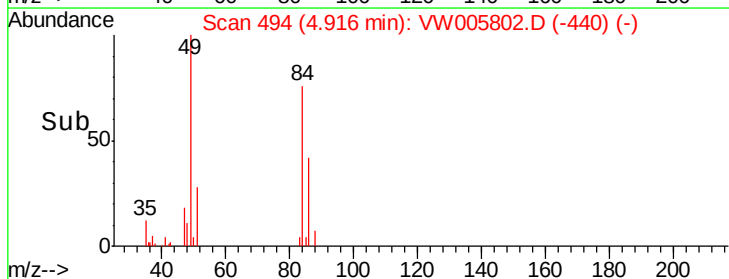
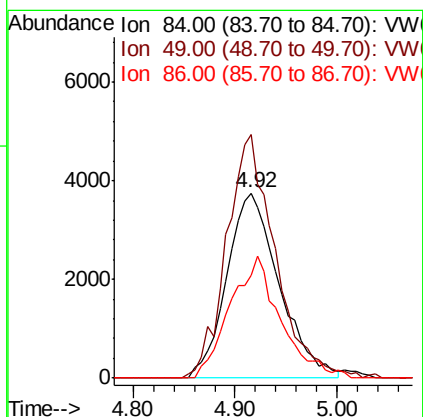
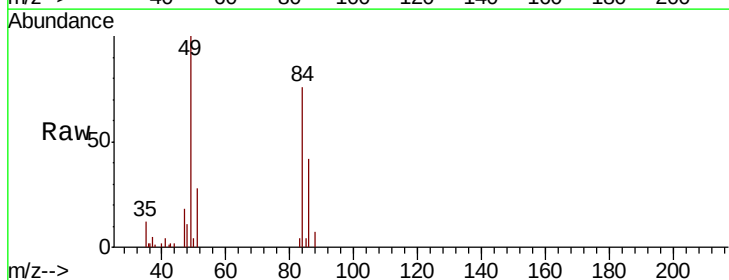
Tgt Ion: 84 Resp: 13341

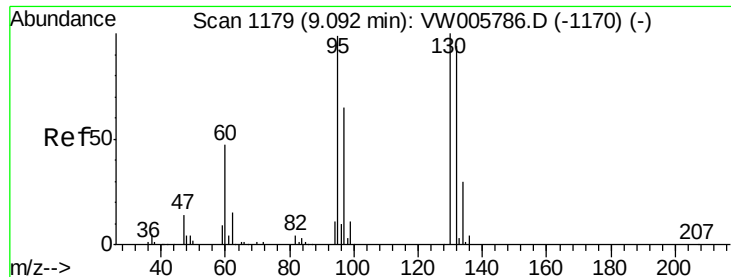
Ion Ratio Lower Upper

84 100

49 131.7 87.2 162.0

86 55.5 43.2 80.2





#35

Trichloroethene

Concen: 2.234 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005802.D

Acq: 03 Oct 2018 03:45

Instrument :

MSVOA_W

ClientSampled :

JLC64

Tgt Ion: 95 Resp: 6556

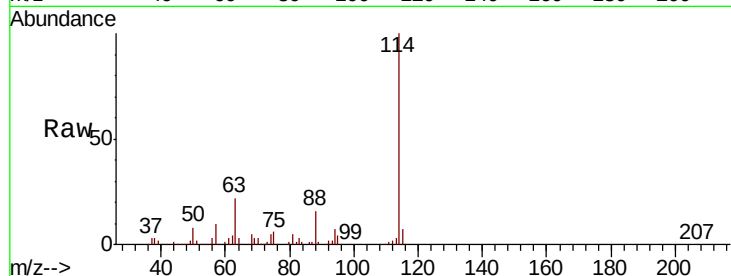
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

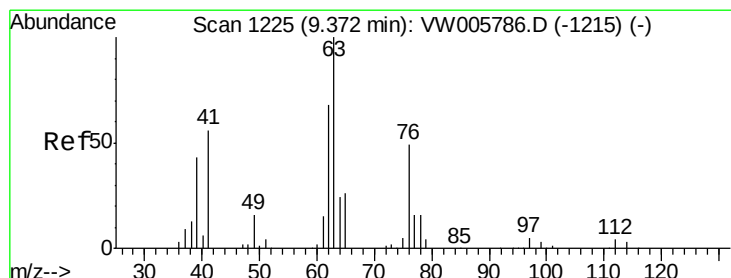
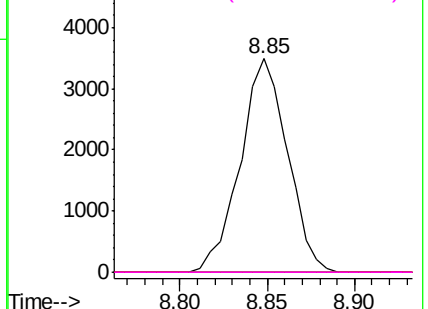
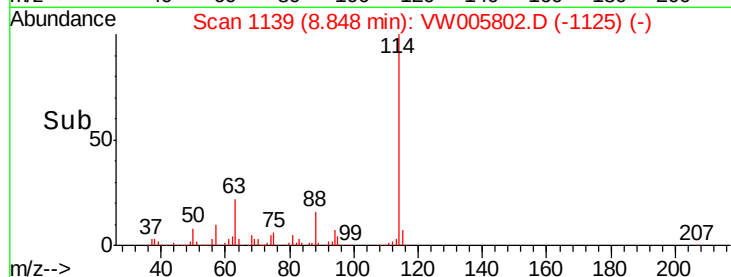


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.311 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005802.D

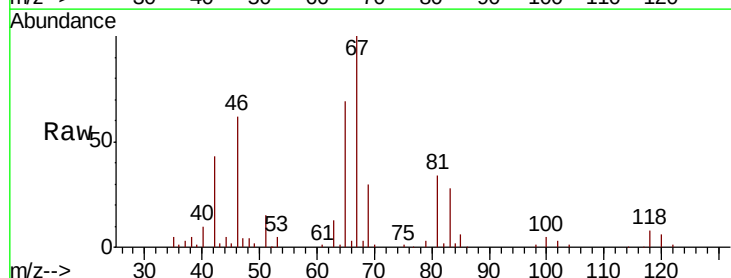
Acq: 03 Oct 2018 03:45

Tgt Ion: 63 Resp: 8850

Ion Ratio Lower Upper

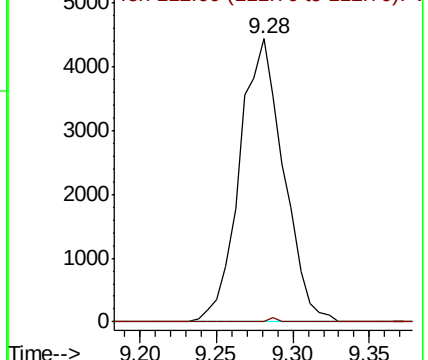
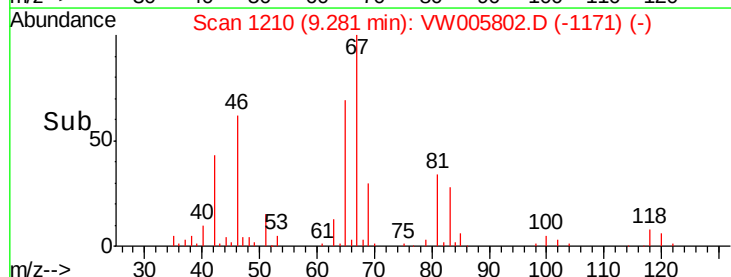
63 100

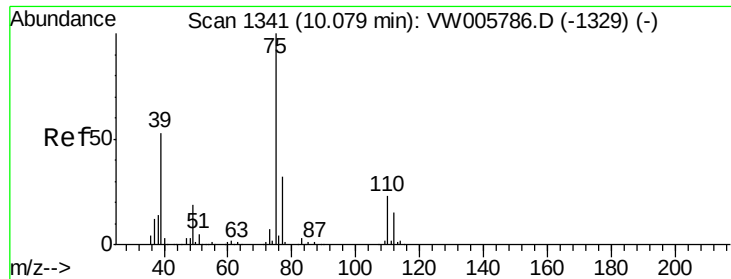
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.464 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005802.D

Acq: 03 Oct 2018 03:45

Instrument :

MSVOA_W

ClientSampleId :

JLC64

Tgt Ion: 75 Resp: 2050

Ion Ratio Lower Upper

75 100

77 49.0 22.3 41.3#

