

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100218\
 Data File : VW005803.D
 Acq On : 03 Oct 2018 04:11
 Operator : SY/AP
 Sample : J5182-16
 Misc : 3.76G/105ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC65

Quant Time: Oct 03 08:13:19 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	229285	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	226168	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	92800	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	44699	15.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.16%
7) Chloroethane-d5	2.89	69	40470	17.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.00%
10) 1,1-Dichloroethene-d2	4.01	63	81973	12.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.36%
20) 2-Butanone-d5	7.09	46	47245	50.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.70%
24) Chloroform-d	7.65	84	153562	26.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.28%
26) 1,2-Dichloroethane-d4	8.31	65	95649	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.24%
29) Benzene-d6	8.28	84	245353	21.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.64%
33) 1,2-Dichloropropane-d6	9.28	67	85067	26.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.16%
37) Toluene-d8	10.33	98	220598	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.84%
38) trans-1,3-Dichloropropene-	10.59	79	35021	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.44%
39) 2-Hexanone-d5	10.93	63	33850	44.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.34%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	80726	25.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	85894	26.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.64%

Target Compounds

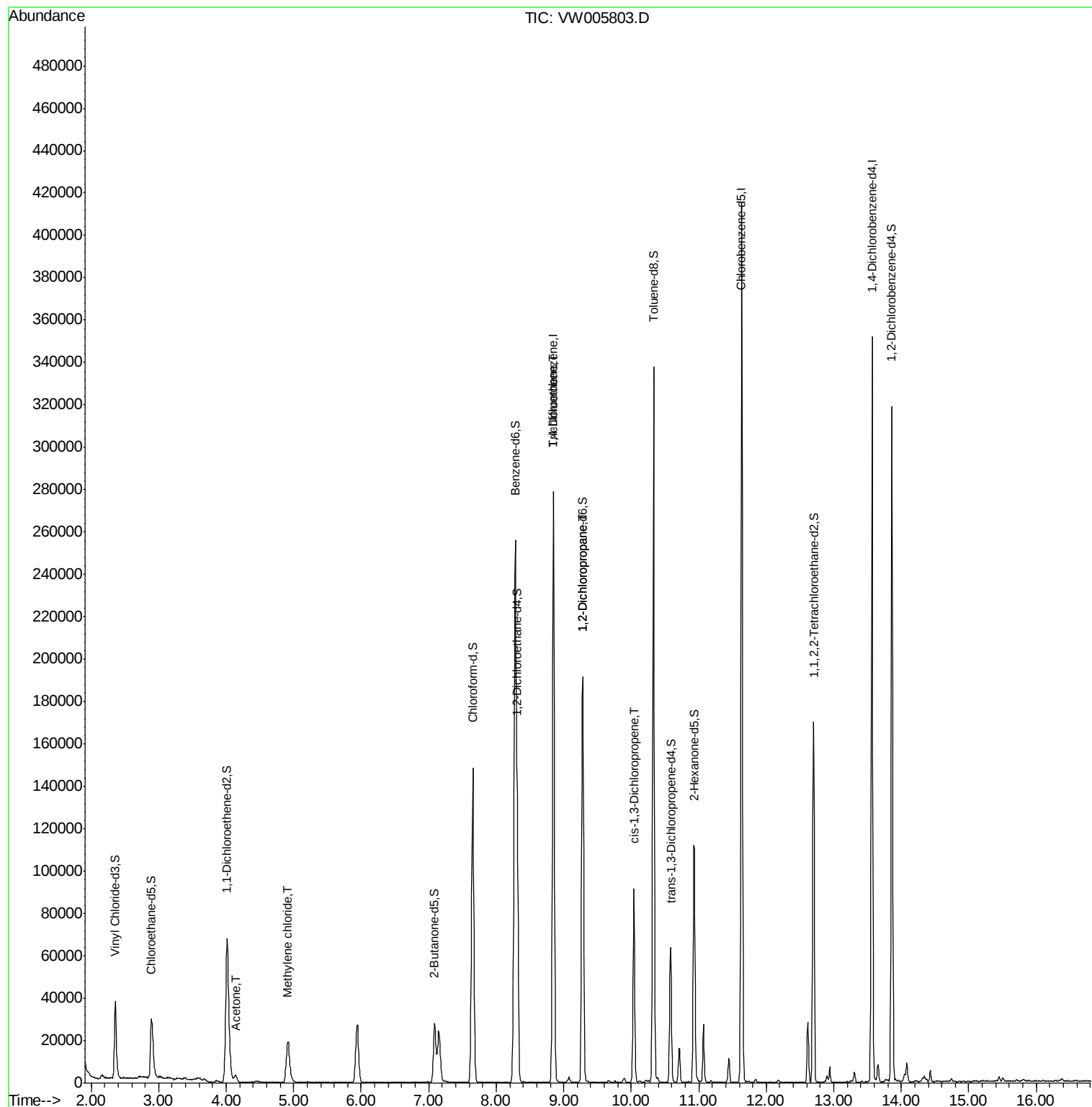
					Qvalue
13) Acetone	4.14	43	4980	5.096 ug/L	94
16) Methylene chloride	4.91	84	16296	4.311 ug/L	98
35) Trichloroethene	8.85	95	7305	2.137 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	10136	3.255 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2241	0.436 ug/L	89

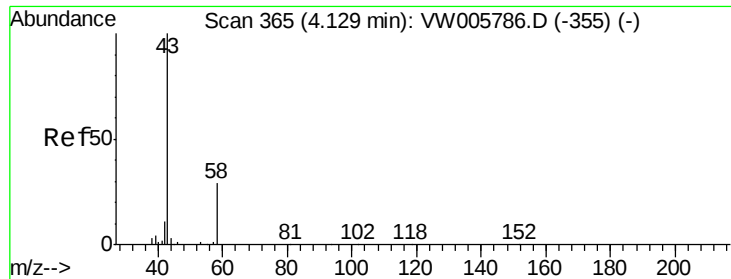
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 08:01:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 5.096 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005803.D

Acq: 03 Oct 2018 04:11

Instrument :

MSVOA_W

ClientSampled :

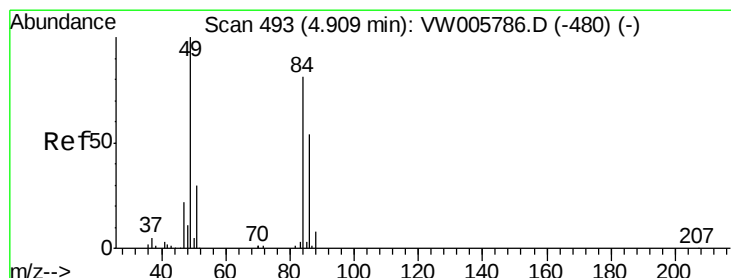
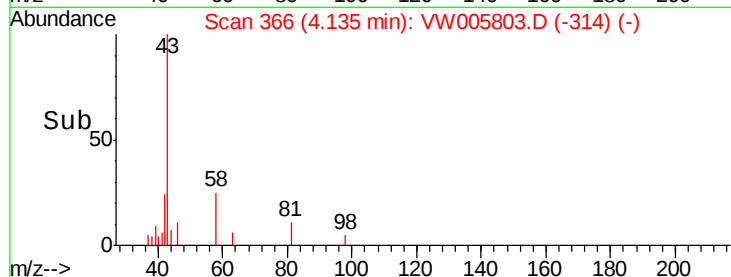
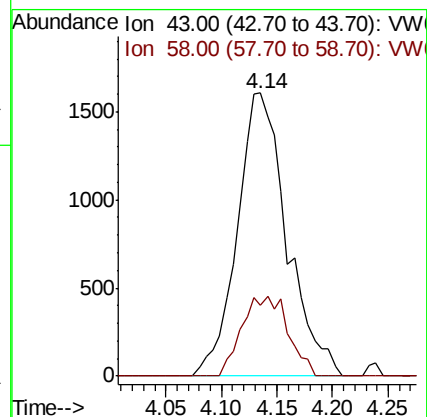
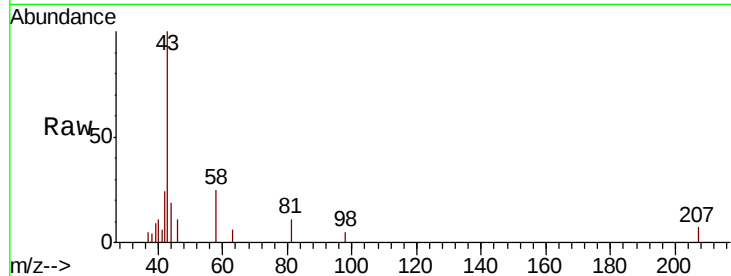
JLC65

Tgt Ion: 43 Resp: 4980

Ion Ratio Lower Upper

43 100

58 18.6 0.0 31.8



#16

Methylene chloride

Concen: 4.311 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005803.D

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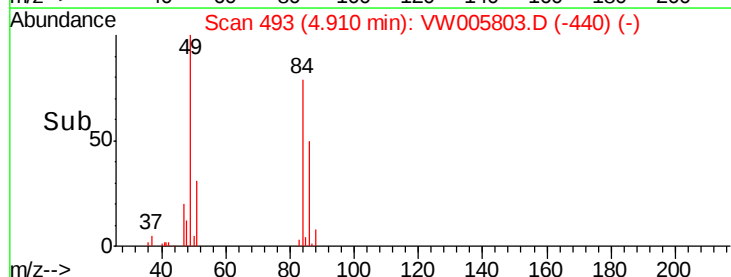
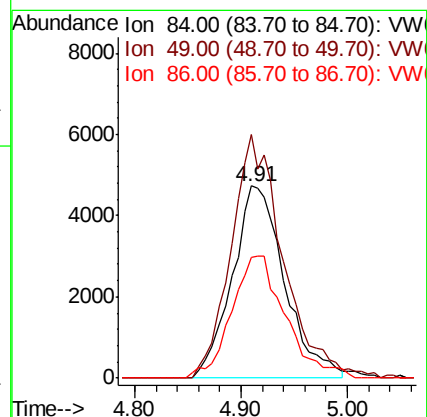
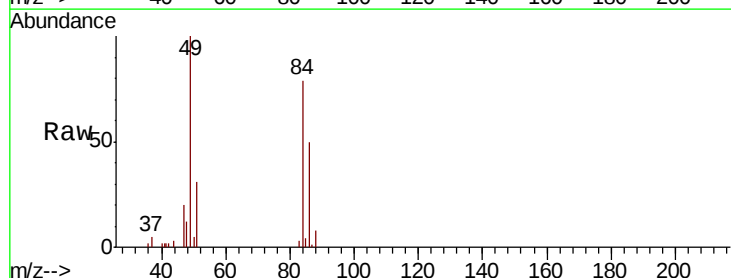
Tgt Ion: 84 Resp: 16296

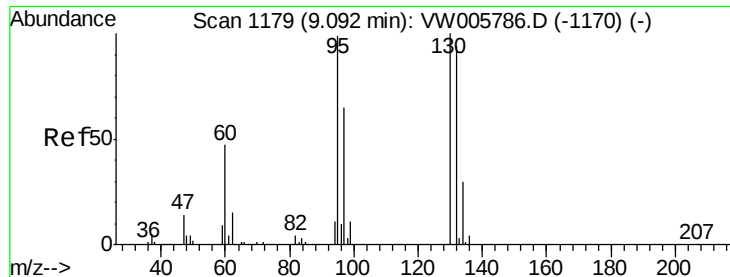
Ion Ratio Lower Upper

84 100

49 126.6 87.2 162.0

86 63.0 43.2 80.2





#35

Trichloroethene

Concen: 2.137 ug/L

RT: 8.85 min Scan# 1140

Delta R.T. -0.24 min

Lab File: VW005803.D

Acq: 03 Oct 2018 04:11

Instrument :

MSVOA_W

ClientSampled :

JLC65

Tgt Ion: 95 Resp: 7305

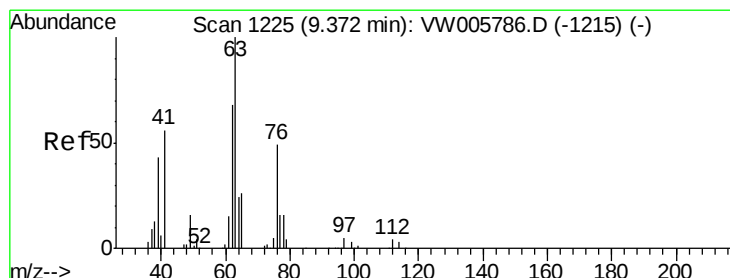
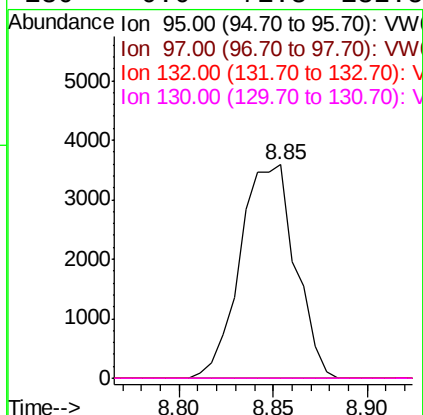
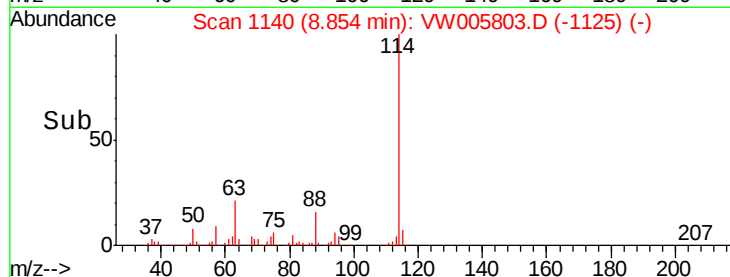
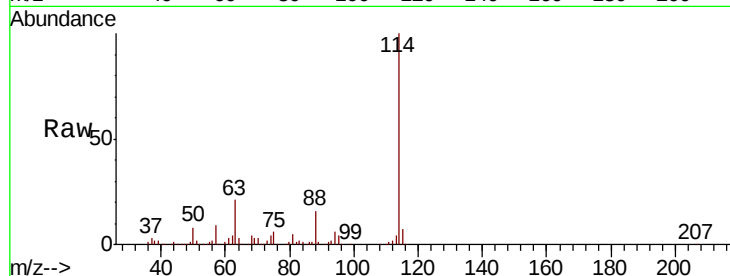
Ion Ratio Lower Upper

95 100

97 0.3 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#



#40

1,2-Dichloropropane

Concen: 3.255 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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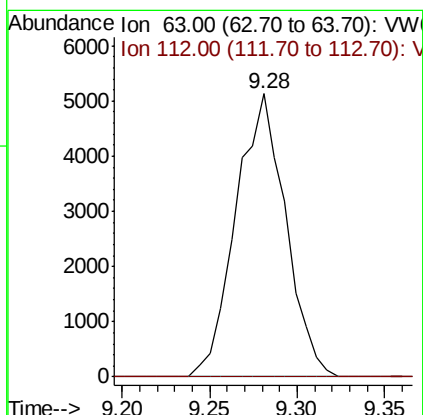
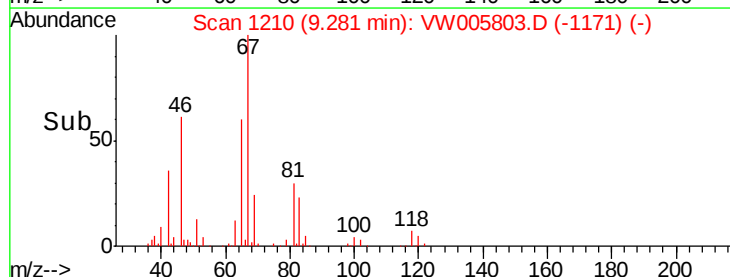
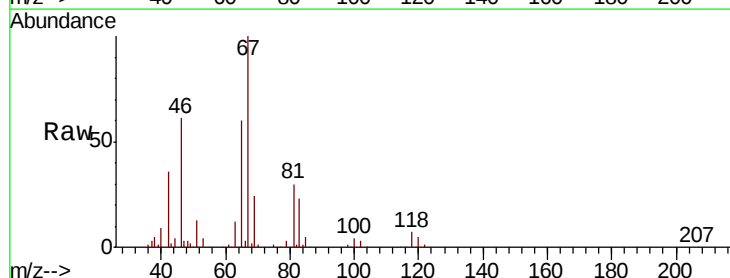
Acq: 03 Oct 2018 04:11

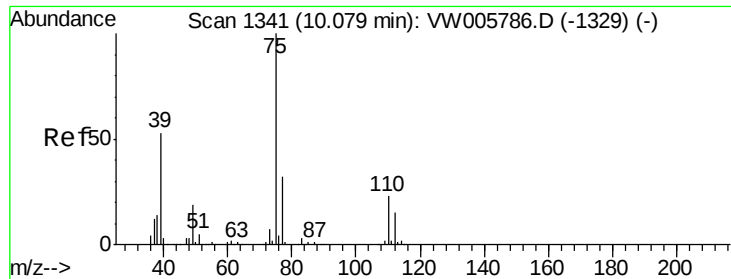
Tgt Ion: 63 Resp: 10136

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#42
 cis-1,3-Dichloropropene
 Concen: 0.436 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.04 min
 Lab File: VW005803.D
 Acq: 03 Oct 2018 04:11

Instrument :
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 ClientSampleId :
 JLC65

Tgt Ion: 75 Resp: 2241
 Ion Ratio Lower Upper
 75 100
 77 37.9 22.3 41.3

