

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005778.D
 Acq On : 02 Oct 2018 15:55
 Operator : SY/AP
 Sample : J5180-02
 Misc : 4.06G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:11:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 05:07:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	79788	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	88516	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	39210	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	16156	15.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.52%
7) Chloroethane-d5	2.89	69	14499	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.08%
10) 1,1-Dichloroethene-d2	4.00	63	26043	11.73	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.92%
20) 2-Butanone-d5	7.09	46	15381	47.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.20%
24) Chloroform-d	7.65	84	48013	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.31	65	31253	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.72%
29) Benzene-d6	8.28	84	78723	17.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.88%
33) 1,2-Dichloropropane-d6	9.27	67	25761	20.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.36%
37) Toluene-d8	10.33	98	71537	16.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.16%
38) trans-1,3-Dichloropropene-	10.59	79	12430	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.76%
39) 2-Hexanone-d5	10.93	63	11559	38.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	27936	22.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	32139	23.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.68%

Target Compounds

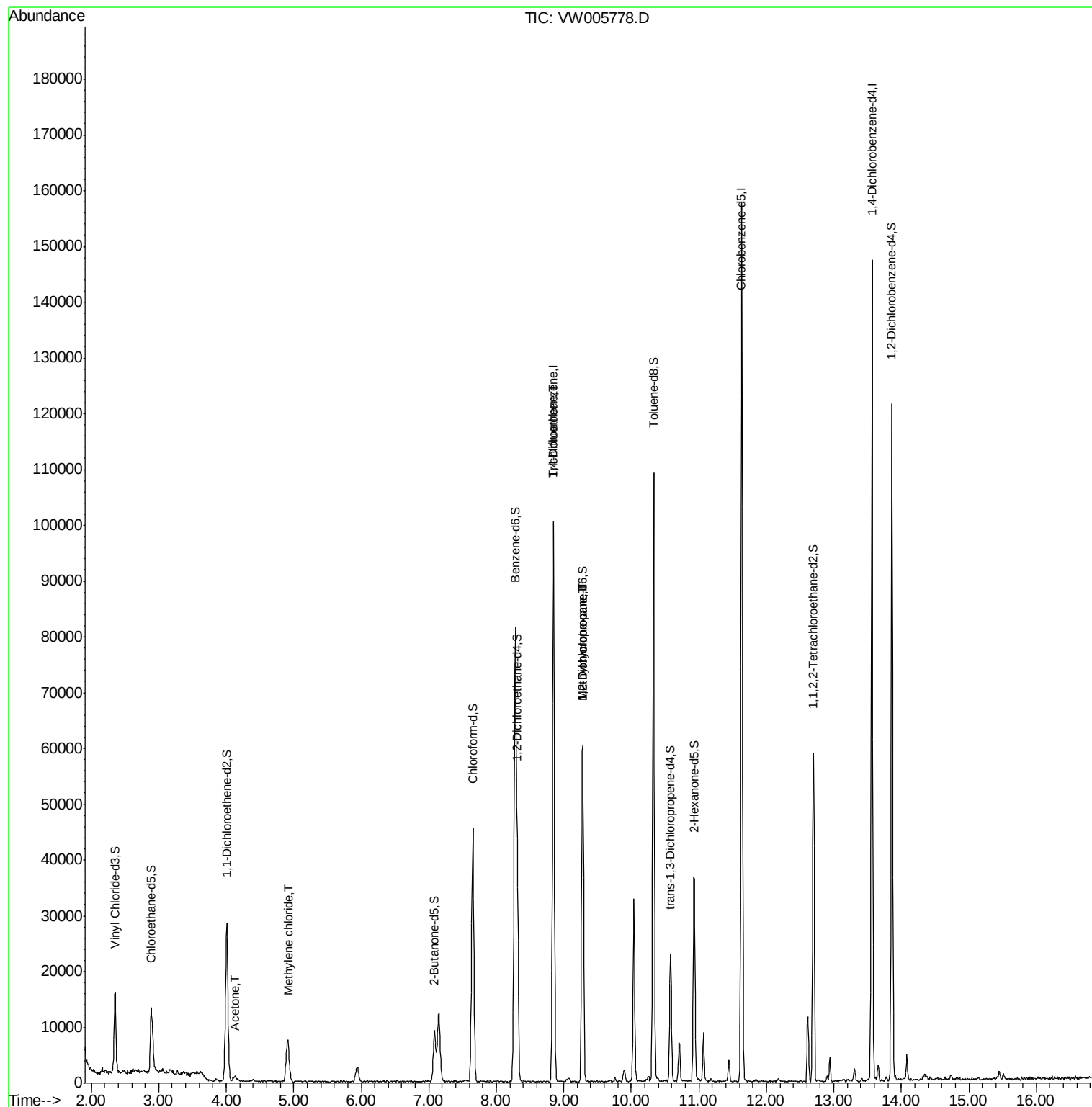
					Ovalue
13) Acetone	4.14	43	1724	5.070 ug/L	85
16) Methylene chloride	4.91	84	5812	4.418 ug/L	91
35) Trichloroethene	8.85	95	2469	1.845 ug/L #	5
36) Methylcyclohexane	9.28	83	7267	3.123 ug/L #	18
40) 1,2-Dichloropropane	9.28	63	3561	2.922 ug/L #	87

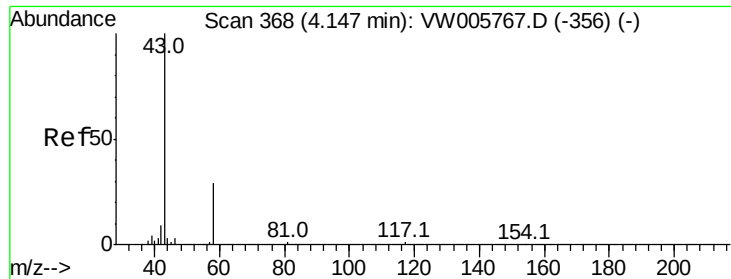
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.070 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005778.D

Acq: 02 Oct 2018 15:55

Instrument :

MSVOA_W

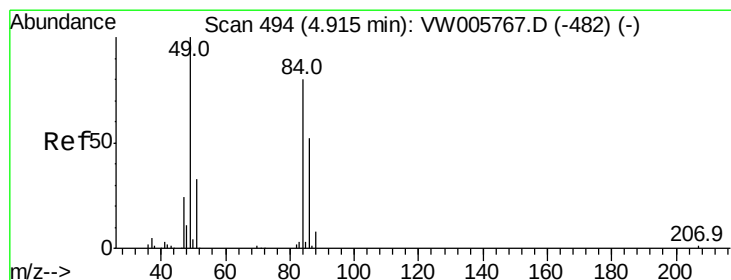
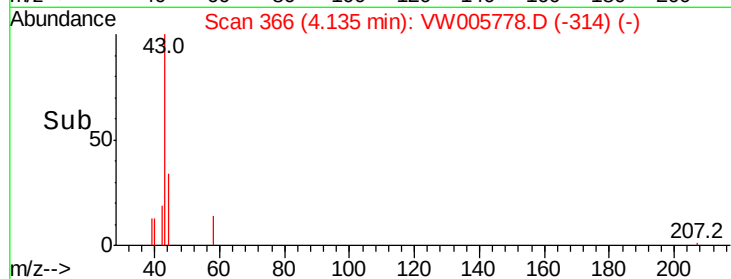
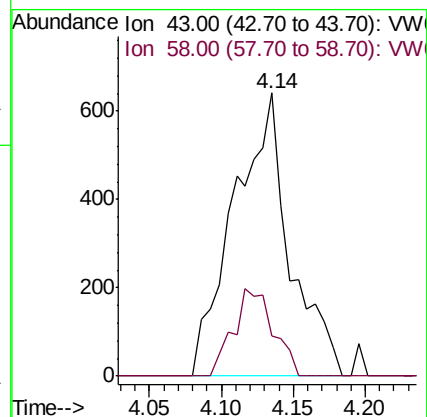
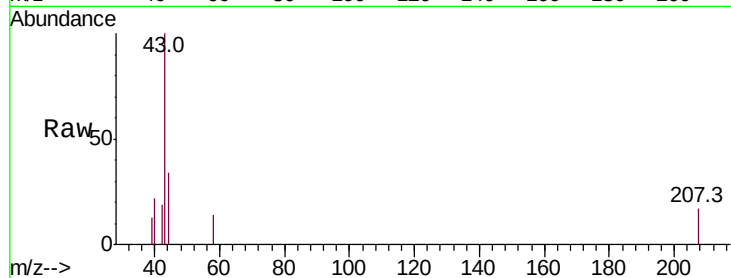
ClientSampleId :

Tot Ion: 43 Resp: 1724

Ion Ratio Lower Upper

43 100

58 22.1 0.0 31.8



#16

Methylene chloride

Concen: 4.418 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005778.D

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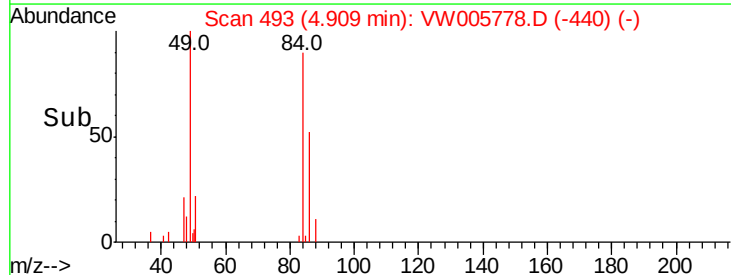
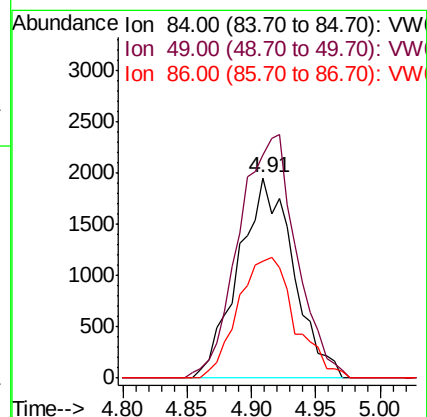
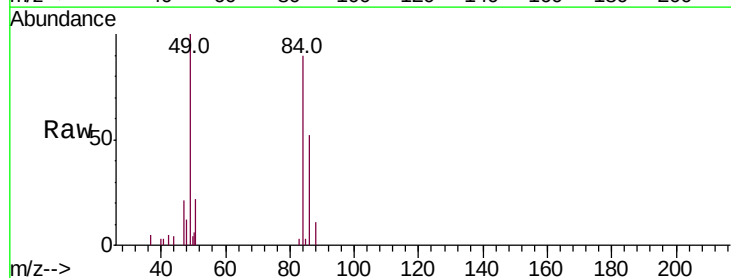
Tgt Ion: 84 Resp: 5812

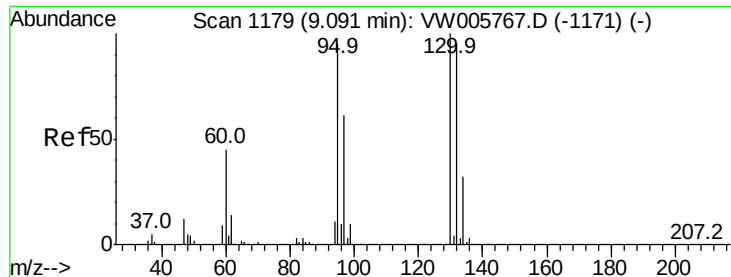
Ion Ratio Lower Upper

84 100

49 111.7 87.2 162.0

86 58.3 43.2 80.2





#35

Trichloroethene

Concen: 1.845 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005778.D

Acq: 02 Oct 2018 15:55

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 2469

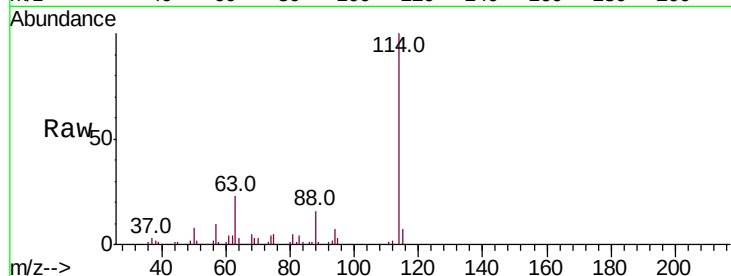
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

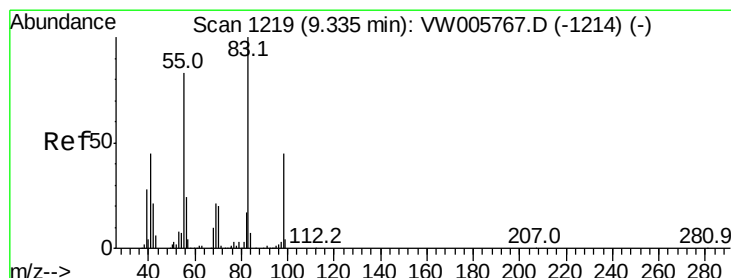
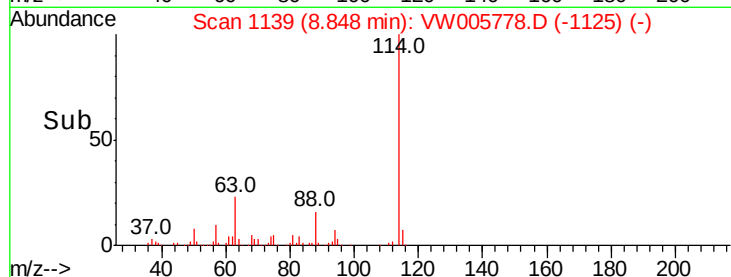
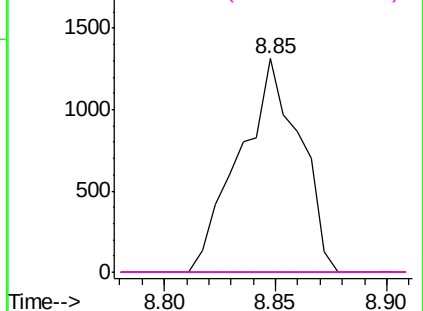


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 3.123 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW005778.D

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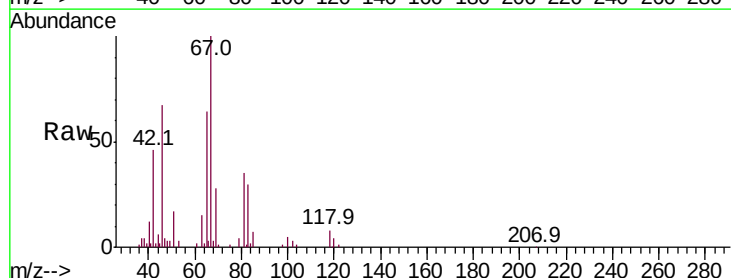
Tgt Ion: 83 Resp: 7267

Ion Ratio Lower Upper

83 100

55 0.0 62.5 93.7#

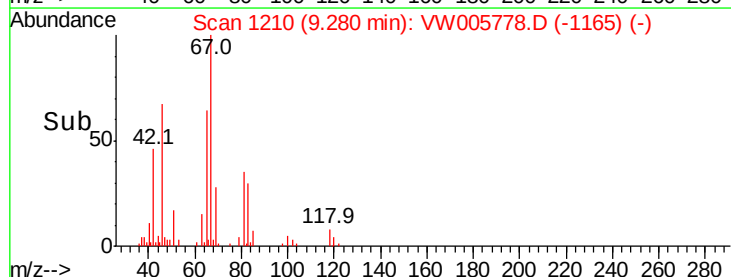
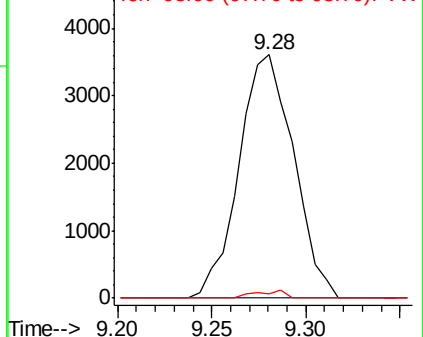
98 0.6 37.7 56.5#

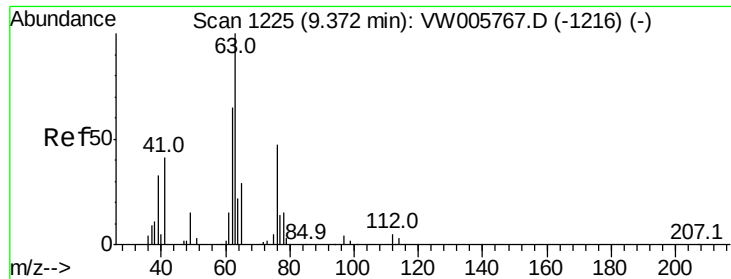


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.922 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005778.D

Acq: 02 Oct 2018 15:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 63 Resp: 3561

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

