

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005774.D
 Acq On : 02 Oct 2018 14:11
 Operator : SY/AP
 Sample : J5181-17
 Misc : 4.61G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:11:08 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	8.83	114	236938	25.00	ug/L	-0.02
28) Chlorobenzene-d5	11.62	117	218806	25.00	ug/L	-0.01
60) 1,4-Dichlorobenzene-d4	13.55	152	76555	25.00	ug/L	-0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	42284	14.00	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.00%
7) Chloroethane-d5	2.88	69	38212	16.22	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.88%
10) 1,1-Dichloroethene-d2	3.99	63	76979	11.67	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.68%
20) 2-Butanone-d5	7.07	46	38481	39.68	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.36%
24) Chloroform-d	7.63	84	135632	22.28	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	8.29	65	87379	23.70	ug/L	-0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.80%
29) Benzene-d6	8.26	84	226983	20.96	ug/L	-0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.84%
33) 1,2-Dichloropropane-d6	9.26	67	75205	24.02	ug/L	-0.02
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.08%
37) Toluene-d8	10.31	98	199903	18.69	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.76%
38) trans-1,3-Dichloropropene-	10.57	79	32396	19.70	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.80%
39) 2-Hexanone-d5	10.91	63	27783	37.90	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.80%
48) 1,1,2,2-Tetrachloroethane-	12.68	84	65496	21.54	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	60315	22.27	ug/L	-0.02
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.08%

Target Compounds

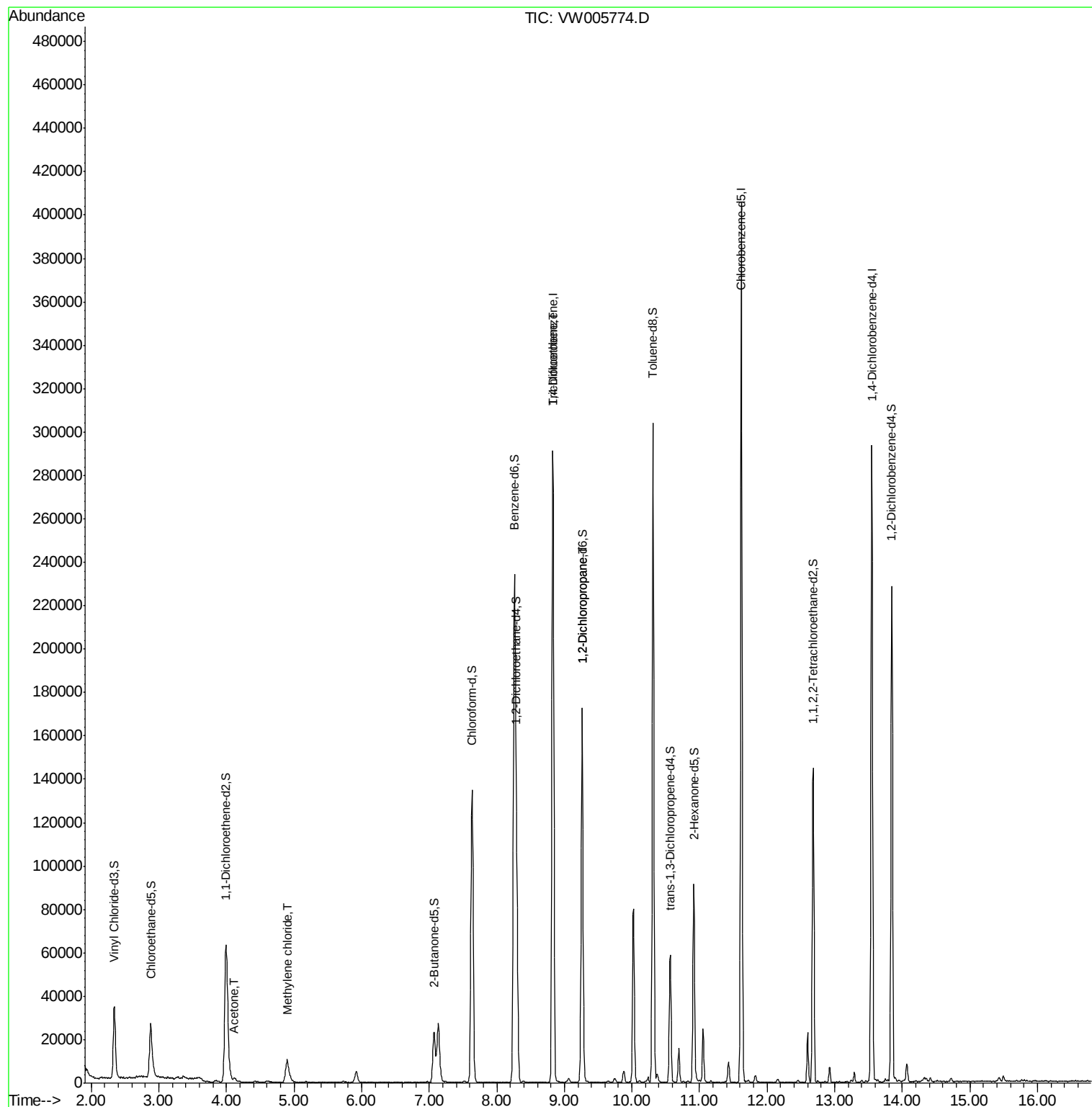
					Ovalue
13) Acetone	4.12	43	1298	1.285 ug/L	79
16) Methylene chloride	4.90	84	8538	2.185 ug/L	93
35) Trichloroethene	8.83	95	7758	2.346 ug/L #	5
40) 1,2-Dichloropropane	9.26	63	9453	3.137 ug/L #	87

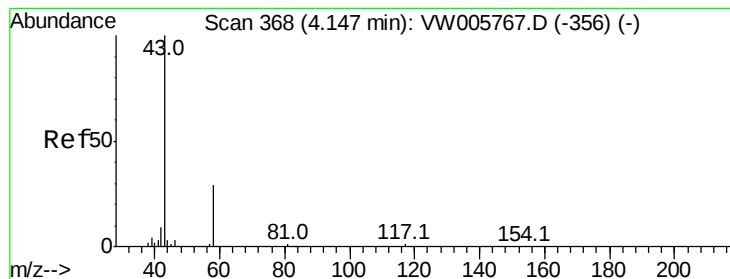
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 05:07:10 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.285 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

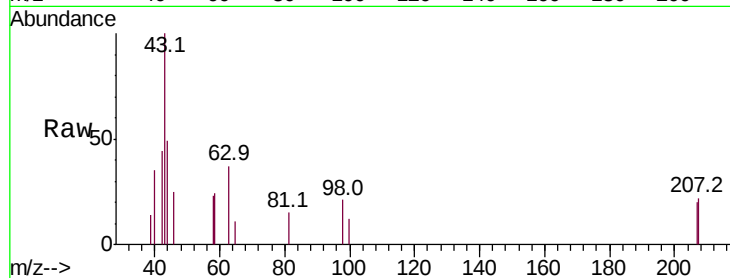
ClientSampleId :

Tot Ion: 43 Resp: 1298

Ion Ratio Lower Upper

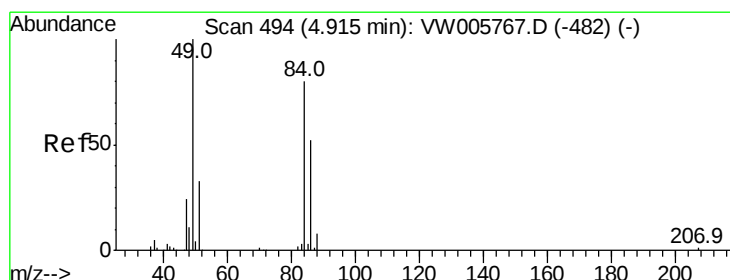
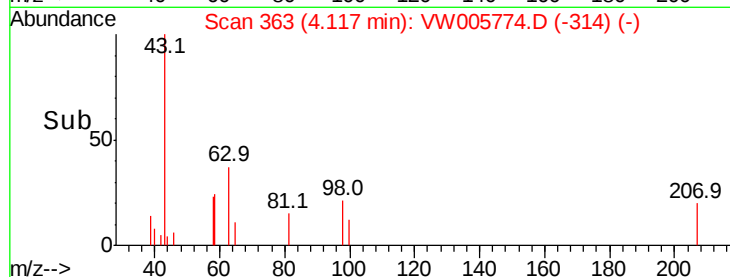
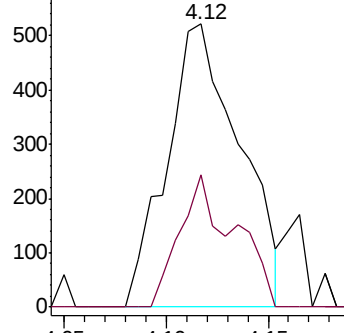
43 100

58 24.7 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.185 ug/L

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

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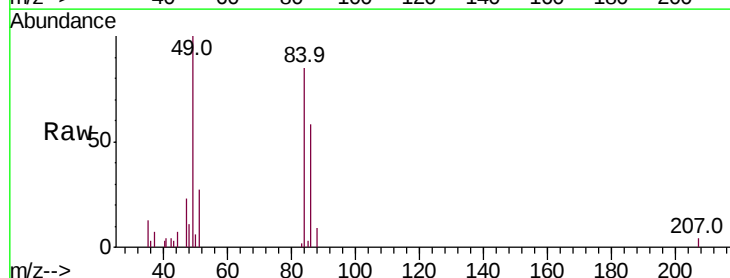
Tgt Ion: 84 Resp: 8538

Ion Ratio Lower Upper

84 100

49 117.3 87.2 162.0

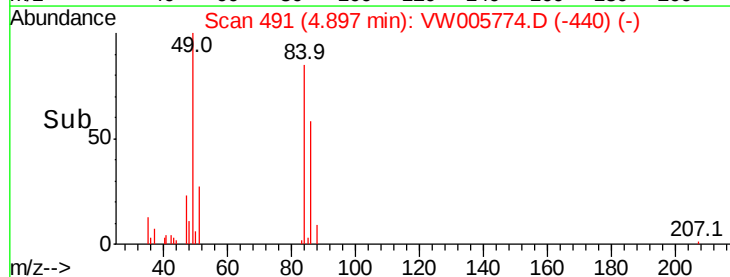
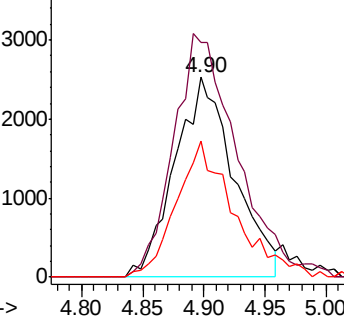
86 68.4 43.2 80.2

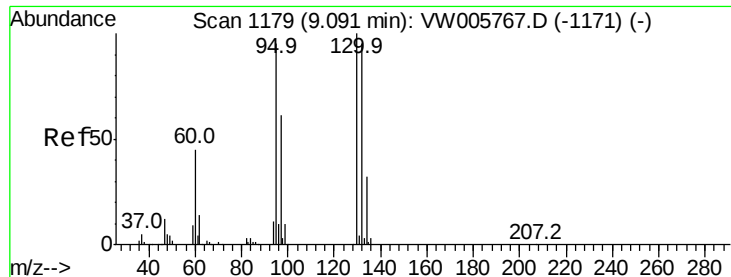


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.346 ug/L

RT: 8.83 min Scan# 1136

Delta R.T. -0.26 min

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Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 7758

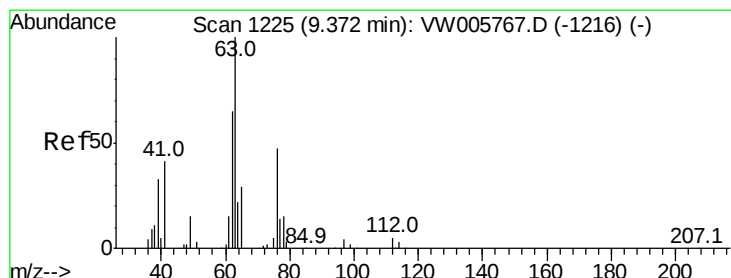
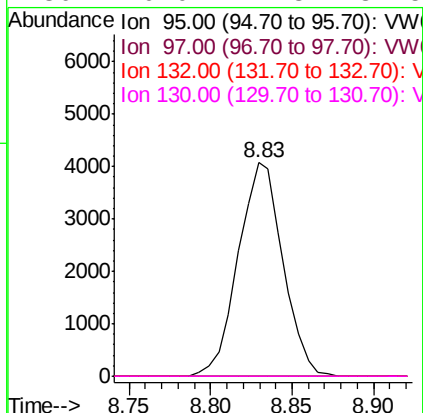
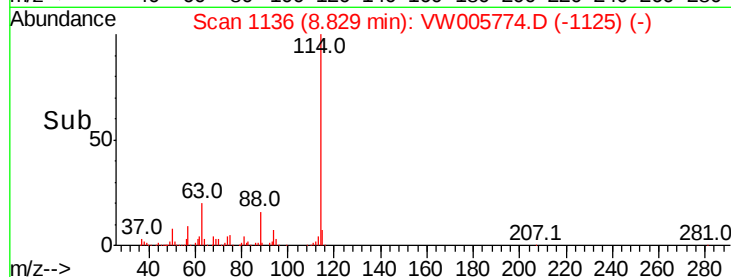
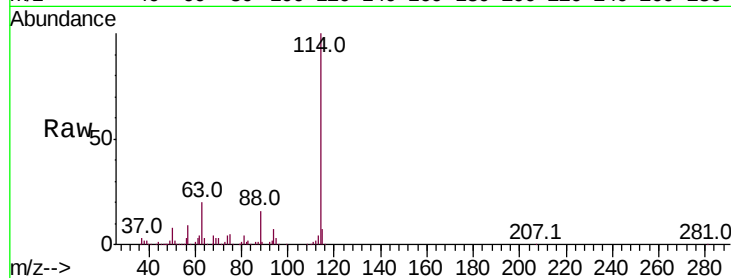
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#



#40

1,2-Dichloropropane

Concen: 3.137 ug/L

RT: 9.26 min Scan# 1207

Delta R.T. -0.11 min

Lab File: VW005774.D

Acq: 02 Oct 2018 14:11

Tgt Ion: 63 Resp: 9453

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

