

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005776.D
 Acq On : 02 Oct 2018 15:03
 Operator : SY/AP
 Sample : J5181-19
 Misc : 3.11G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:11:21 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	188962	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	211093	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	94663	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	34236	14.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.84%
7) Chloroethane-d5	2.89	69	31527	16.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.12%
10) 1,1-Dichloroethene-d2	4.01	63	64068	12.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.72%
20) 2-Butanone-d5	7.08	46	35719	46.19	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.38%
24) Chloroform-d	7.65	84	110875	22.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	8.31	65	74482	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.32%
29) Benzene-d6	8.28	84	184287	17.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.56%
33) 1,2-Dichloropropane-d6	9.28	67	59656	19.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.00%
37) Toluene-d8	10.33	98	182348	17.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.72%
38) trans-1,3-Dichloropropene-	10.58	79	30476	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.84%
39) 2-Hexanone-d5	10.93	63	29596	41.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67213	22.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	84224	25.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.60%

Target Compounds

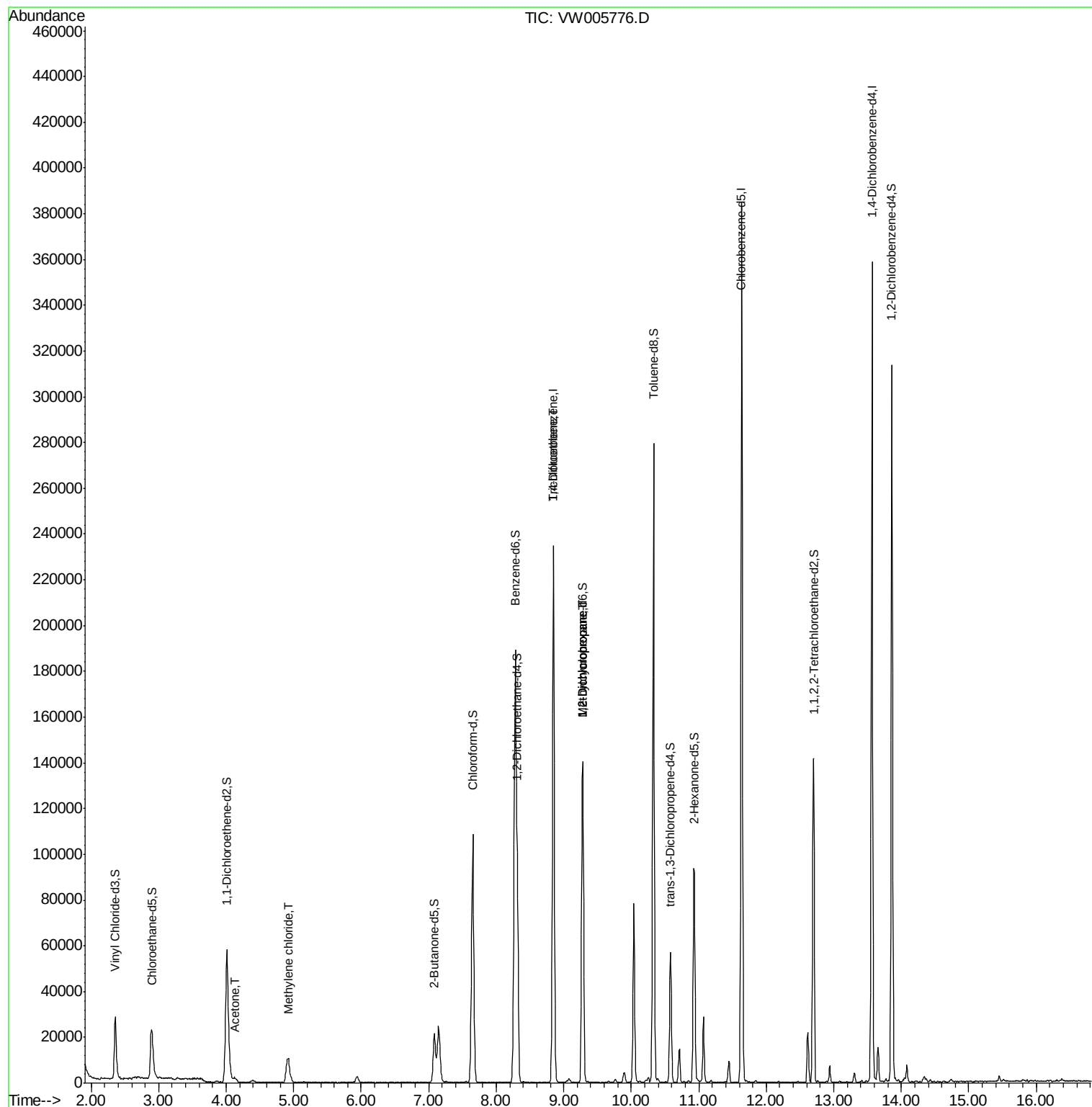
					Ovalue
13) Acetone	4.12	43	1667	2.070 ug/L #	56
16) Methylene chloride	4.91	84	9454	3.034 ug/L	95
35) Trichloroethene	8.85	95	6105	1.913 ug/L #	5
36) Methylcyclohexane	9.28	83	16152	2.911 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	7673	2.640 ug/L #	87

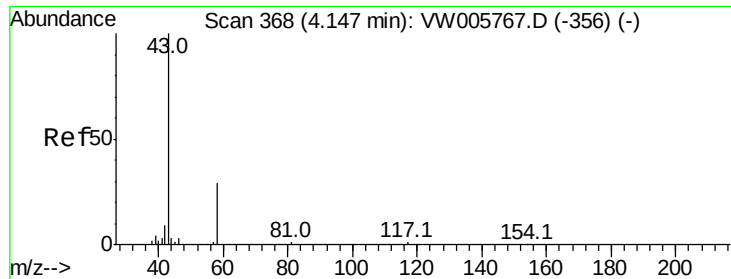
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.070 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW005776.D

Acq: 02 Oct 2018 15:03

Instrument :

MSVOA_W

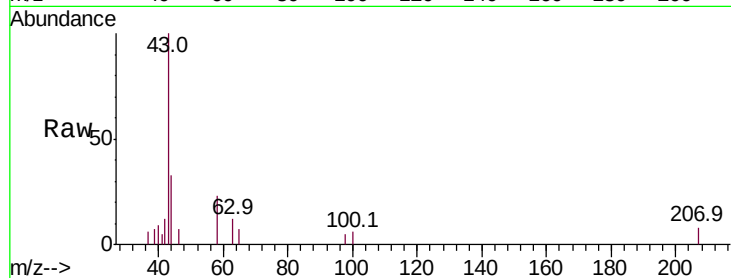
ClientSampleId :

Tot Ion: 43 Resp: 1667

Ion Ratio Lower Upper

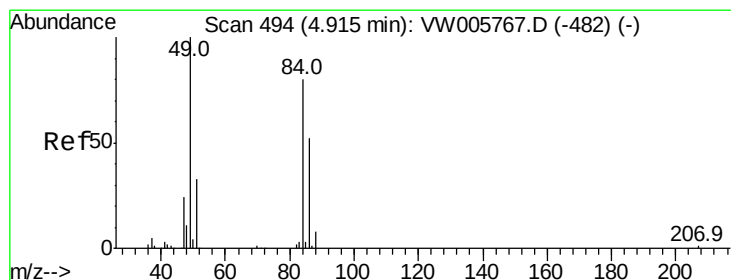
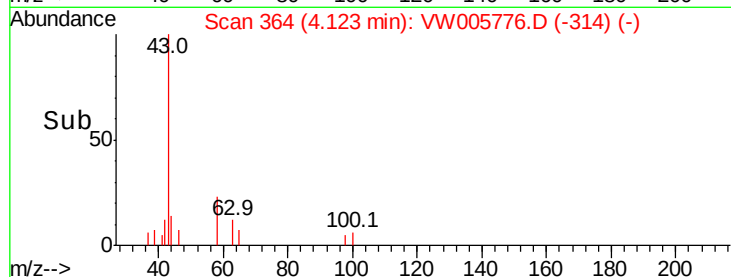
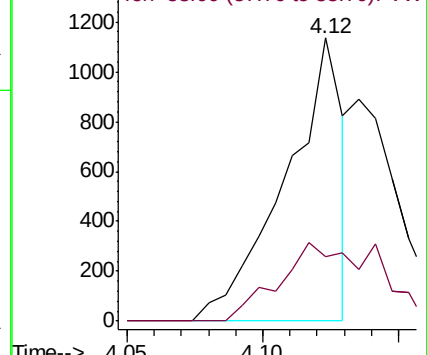
43 100

58 34.7 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: 3.034 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005776.D

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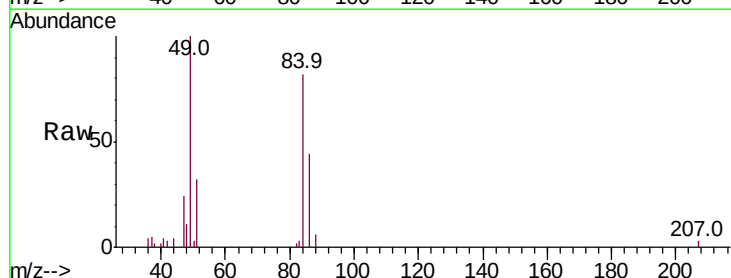
Tgt Ion: 84 Resp: 9454

Ion Ratio Lower Upper

84 100

49 121.8 87.2 162.0

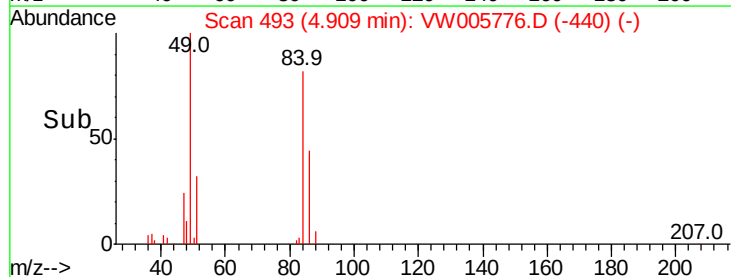
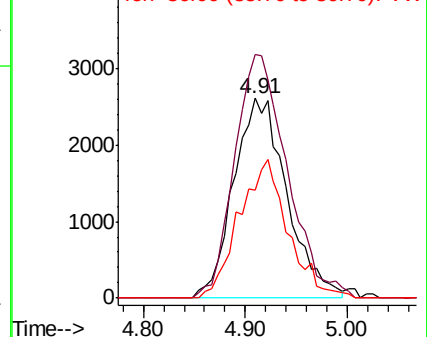
86 54.1 43.2 80.2

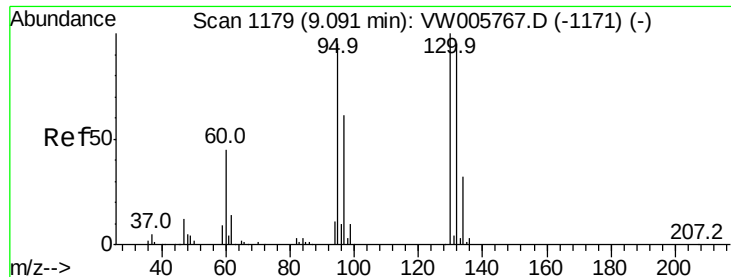


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

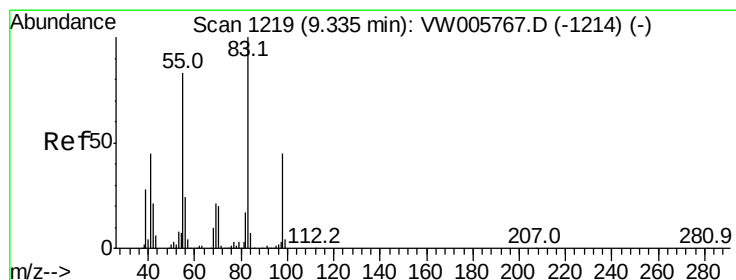
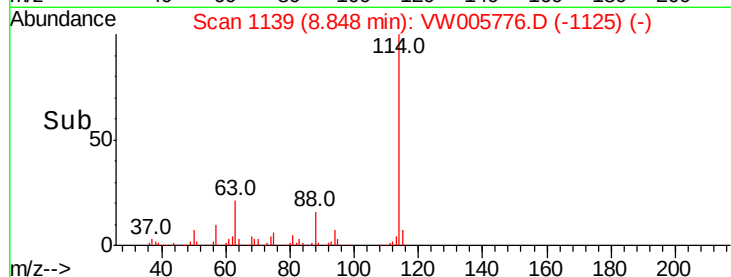
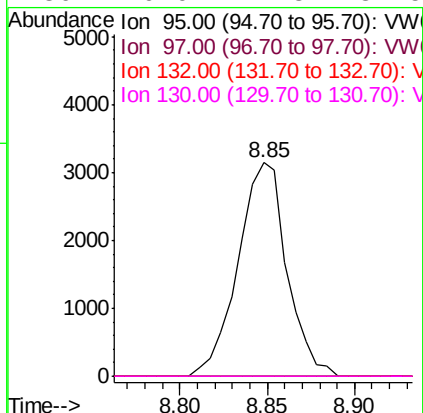
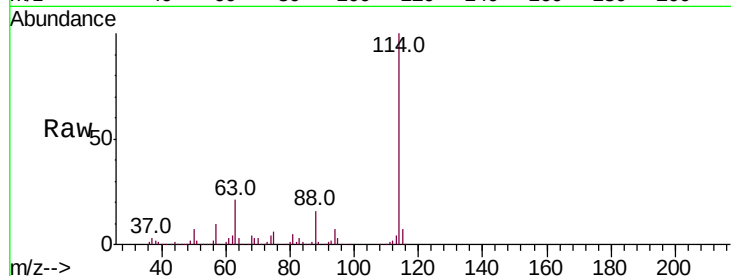




#35
 Trichloroethene
 Concen: 1.913 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW005776.D
 Acq: 02 Oct 2018 15:03

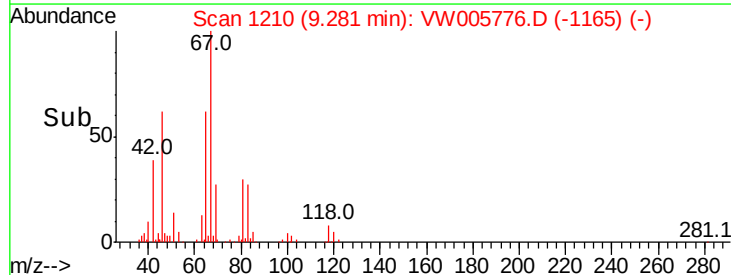
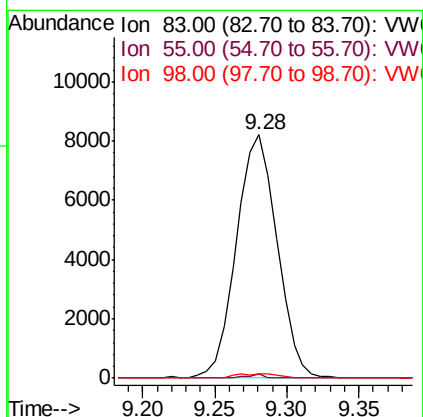
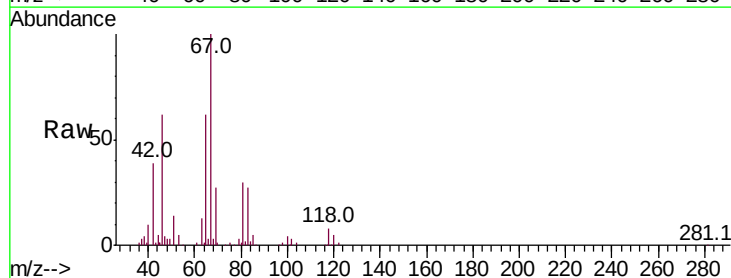
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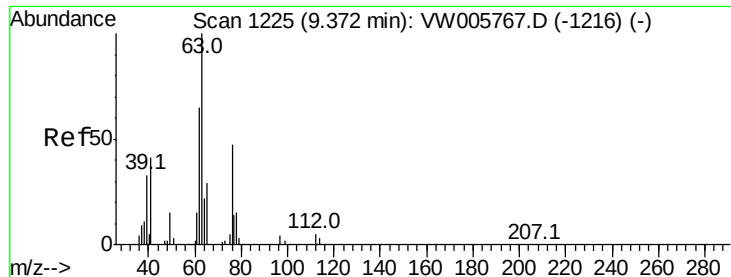
Tot Ion: 95 Resp: 6105
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.2 84.0#
 132 0.0 68.0 126.4#
 130 0.0 71.3 132.5#



#36
 Methylcyclohexane
 Concen: 2.911 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.05 min
 Lab File: VW005776.D
 Acq: 02 Oct 2018 15:03

Tgt Ion: 83 Resp: 16152
 Ion Ratio Lower Upper
 83 100
 55 0.6 62.5 93.7#
 98 1.1 37.7 56.5#





#40

1,2-Dichloropropane

Concen: 2.640 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005776.D

Acq: 02 Oct 2018 15:03

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 63 Resp: 7673

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

