

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100318\
 Data File : VW005820.D
 Acq On : 03 Oct 2018 17:39
 Operator : SY/AP
 Sample : J5181-18
 Misc : 5.38G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 05:18:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	212659	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	207125	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	88472	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	36230	13.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.44%
7) Chloroethane-d5	2.89	69	32388	15.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.24%
10) 1,1-Dichloroethene-d2	4.01	63	67474	11.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.60%
20) 2-Butanone-d5	7.08	46	46145	53.02	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.04%
24) Chloroform-d	7.65	84	124946	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	8.31	65	78997	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.48%
29) Benzene-d6	8.28	84	202393	19.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.96%
33) 1,2-Dichloropropane-d6	9.28	67	67124	22.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.60%
37) Toluene-d8	10.33	98	177649	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.20%
38) trans-1,3-Dichloropropene-	10.58	79	30445	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.24%
39) 2-Hexanone-d5	10.93	63	33462	48.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71724	24.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	72416	23.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.52%

Target Compounds

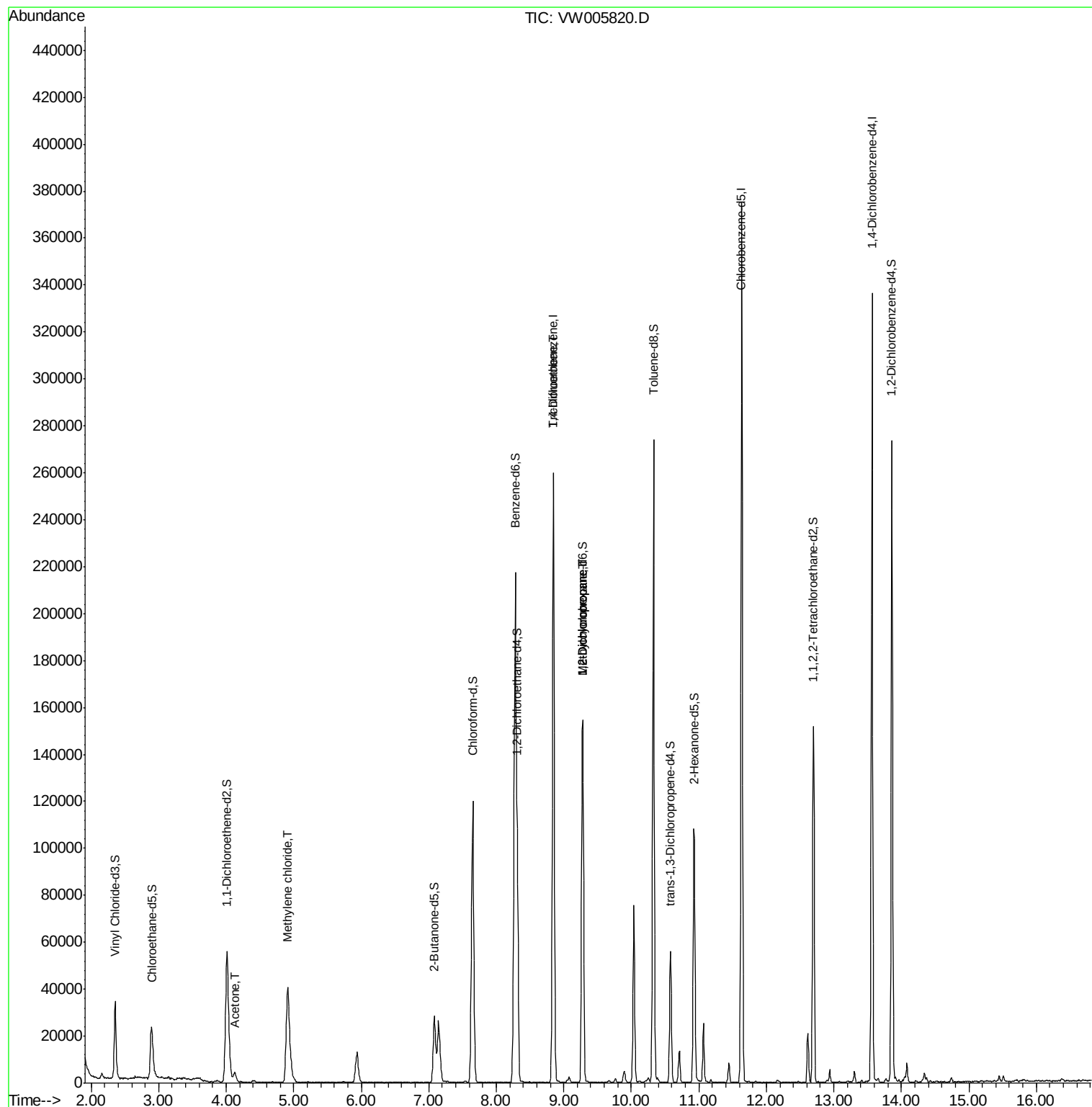
					Ovalue
13) Acetone	4.13	43	6256	6.903 ug/L	97
16) Methylene chloride	4.92	84	36396	10.380 ug/L	96
35) Trichloroethene	8.84	95	6778	2.165 ug/L #	5
36) Methylcyclohexane	9.27	83	17844	3.278 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	8482	2.974 ug/L #	87

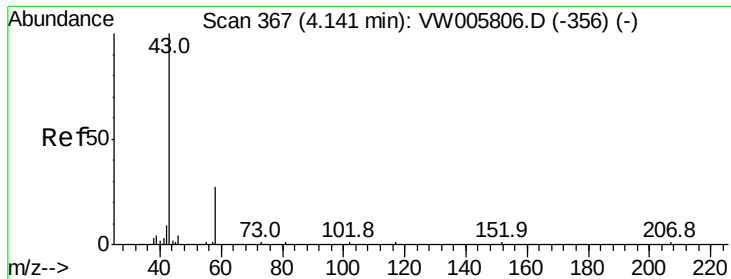
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 04 05:16:38 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.903 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005820.D

Acq: 03 Oct 2018 17:39

Instrument :

MSVOA_W

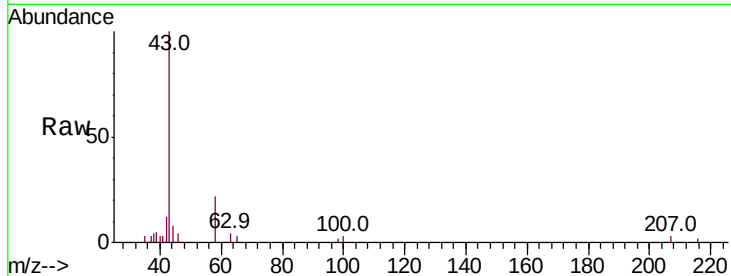
ClientSampled :

Tot Ion: 43 Resp: 6256

Ion Ratio Lower Upper

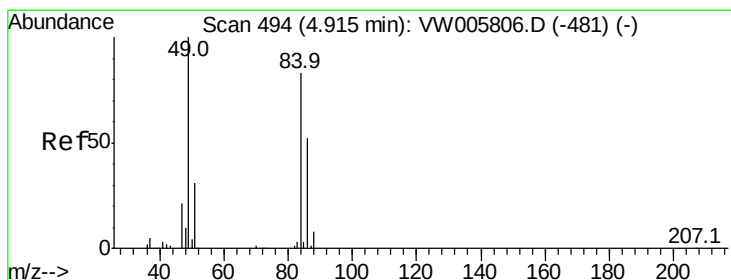
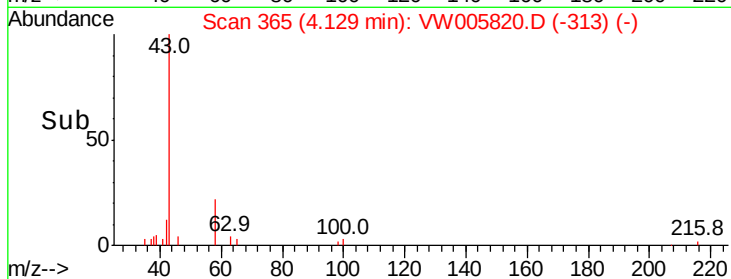
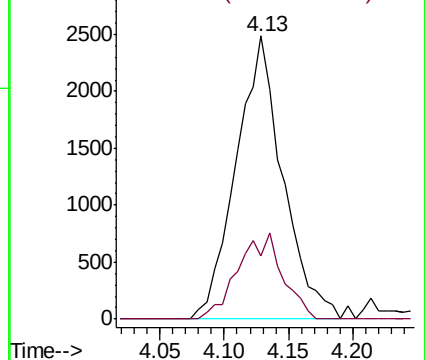
43 100

58 17.0 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: 10.380 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW005820.D

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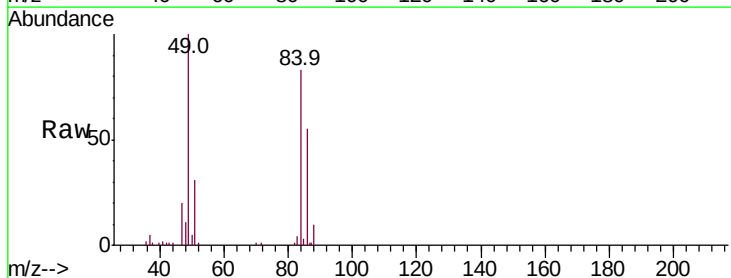
Tgt Ion: 84 Resp: 36396

Ion Ratio Lower Upper

84 100

49 120.1 87.2 162.0

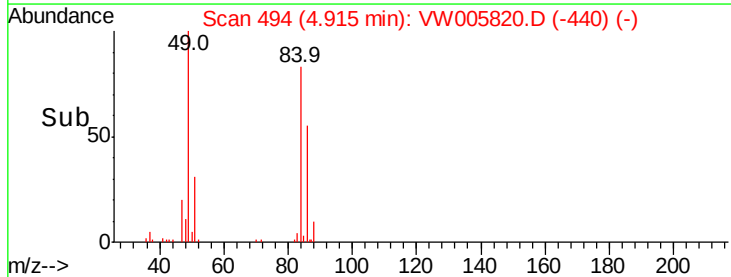
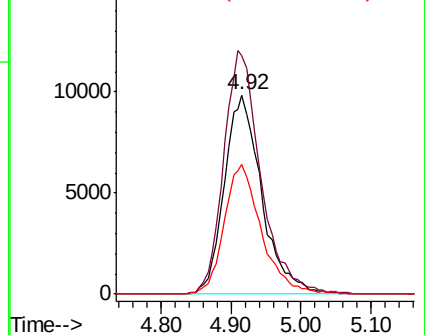
86 65.5 43.2 80.2

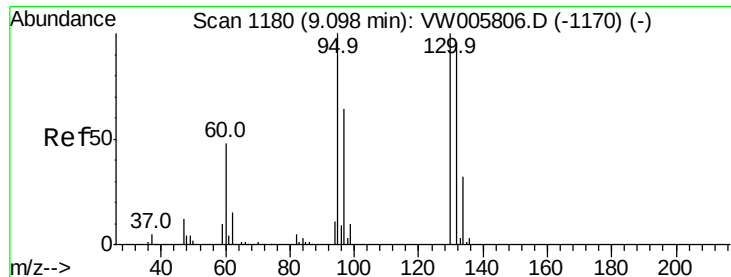


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.165 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW005820.D

Acq: 03 Oct 2018 17:39

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 6778

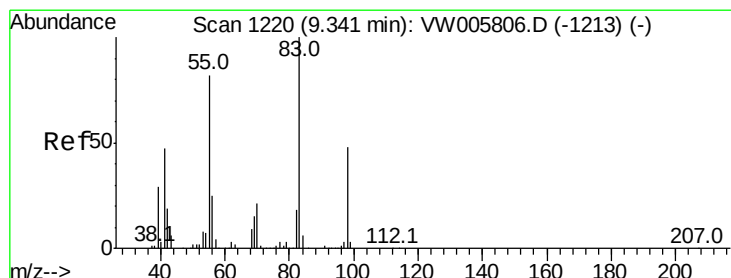
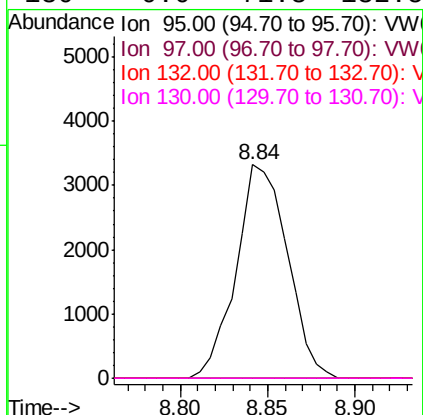
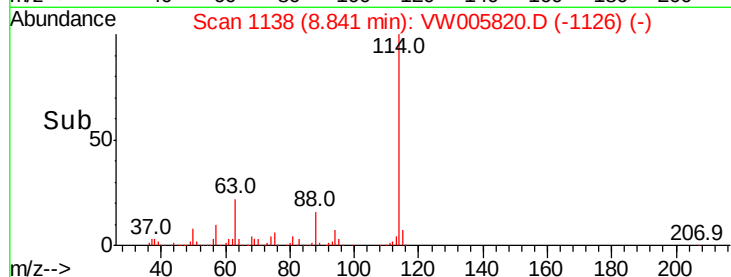
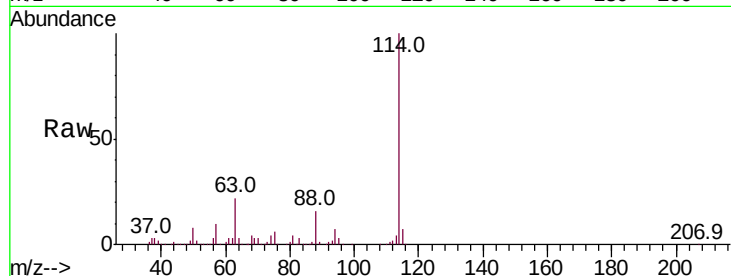
Ion Ratio Lower Upper

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: 3.278 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.07 min

Lab File: VW005820.D

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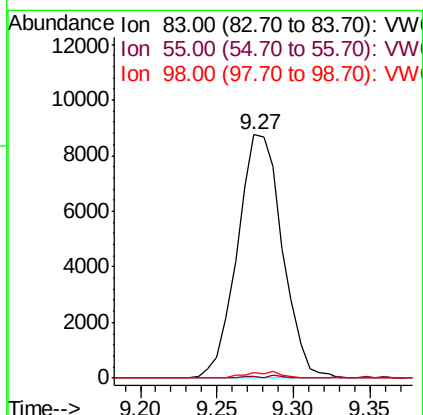
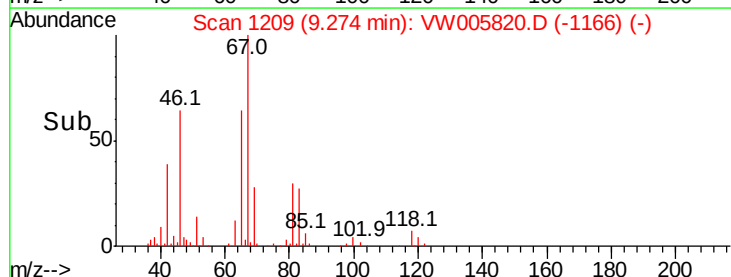
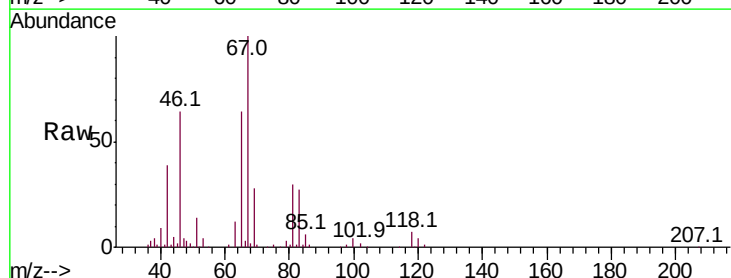
Tgt Ion: 83 Resp: 17844

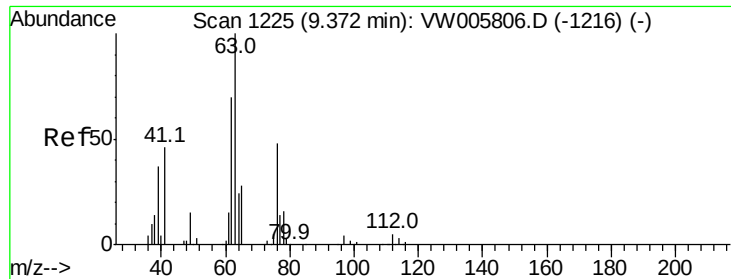
Ion Ratio Lower Upper

83 100

55 0.3 62.5 93.7#

98 0.0 37.7 56.5#





#40

1,2-Dichloropropane

Concen: 2.974 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW005820.D

Acq: 03 Oct 2018 17:39

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 63 Resp: 8482

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

