

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005750.D
 Acq On : 01 Oct 2018 22:56
 Operator : SY/AP
 Sample : VW1001SBL02
 Misc : 5.00G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:19:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	253134	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	255291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	121250	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72724	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.16%
7) Chloroethane-d5	2.89	69	58290	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.60%
10) 1,1-Dichloroethene-d2	4.01	63	122476	17.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.52%
20) 2-Butanone-d5	7.09	46	57327	55.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.68%
24) Chloroform-d	7.65	84	173923	26.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	8.31	65	111290	28.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.04%
29) Benzene-d6	8.28	84	323760	25.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.48%
33) 1,2-Dichloropropane-d6	9.27	67	98356	26.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.72%
37) Toluene-d8	10.33	98	305289	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.88%
38) trans-1,3-Dichloropropene-	10.58	79	45939	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.80%
39) 2-Hexanone-d5	10.93	63	43394	50.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91689	25.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	123716	28.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.36%

Target Compounds

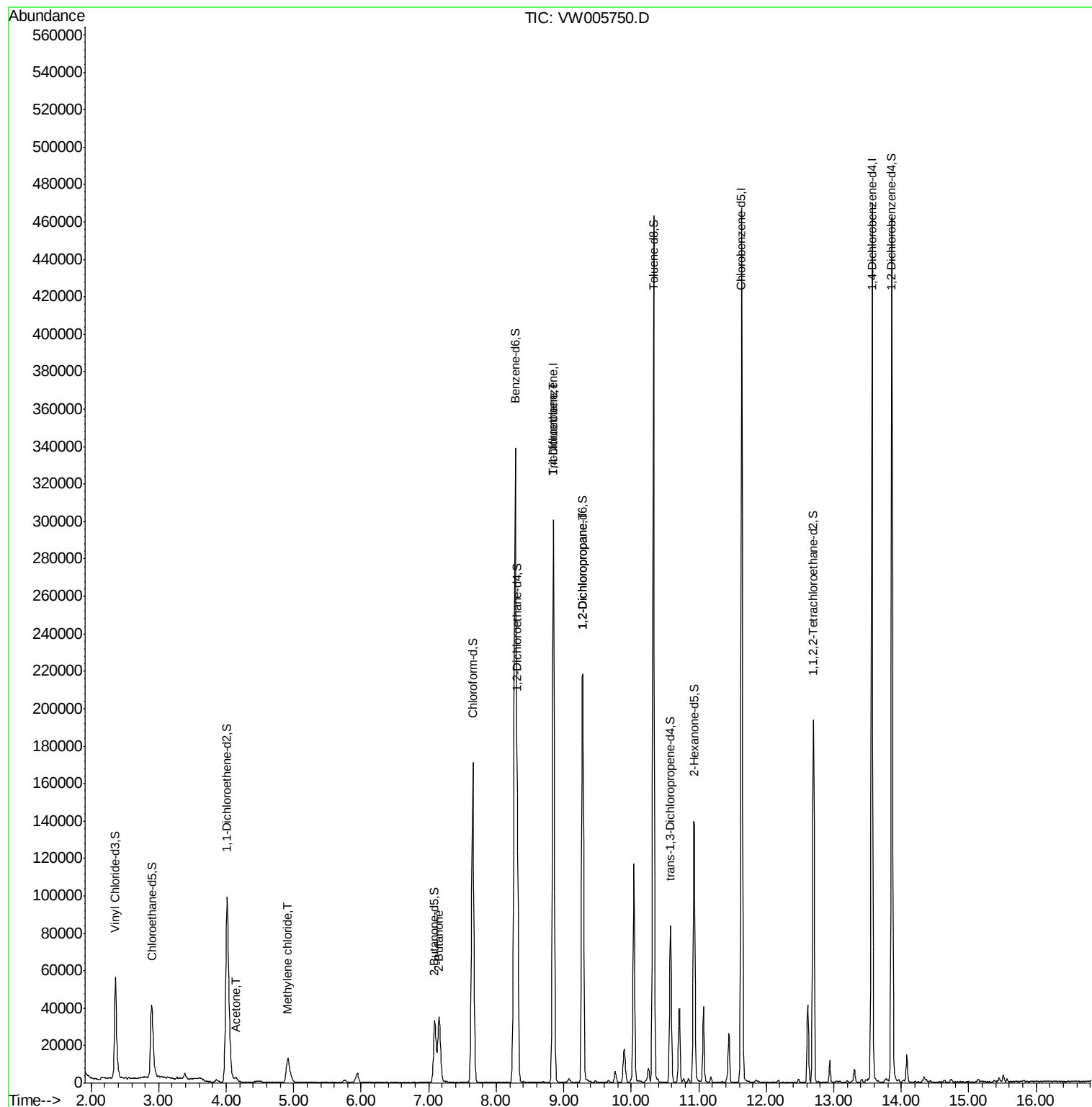
					Ovalue
13) Acetone	4.15	43	2361	2.189 ug/L	84
16) Methylene chloride	4.92	84	10626	2.546 ug/L	91
21) 2-Butanone	7.16	43	2256	1.746 ug/L #	66
35) Trichloroethene	8.85	95	7919	2.052 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	11920	3.391 ug/L #	87

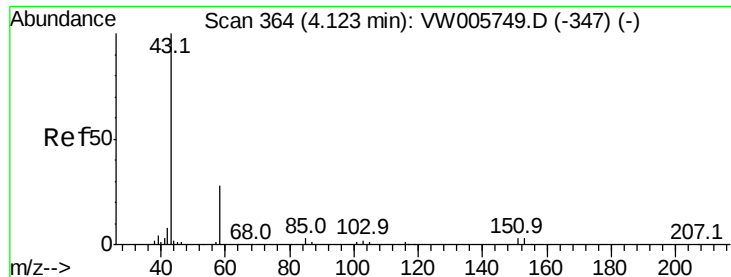
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 07:19:35 2018
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#13

Acetone

Concen: 2.189 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005750.D

Acq: 01 Oct 2018 22:56

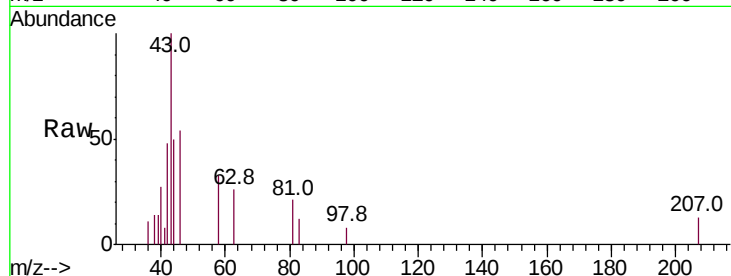
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2361

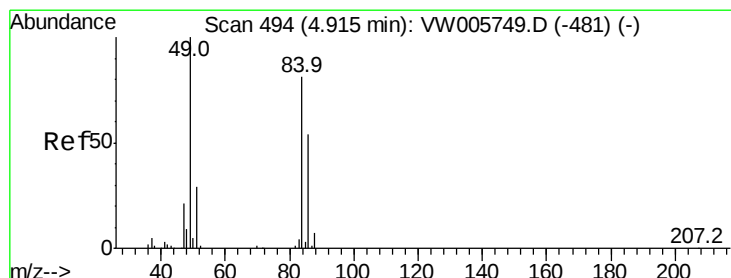
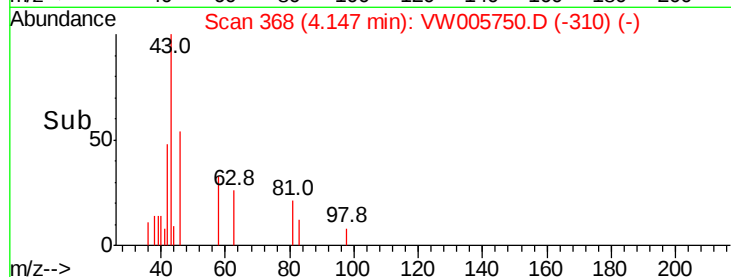
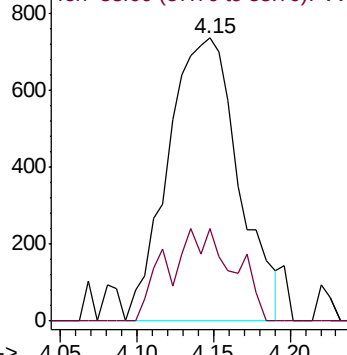
Ion Ratio Lower Upper

43 100

58 9.1 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: 2.546 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005750.D

Acq: 01 Oct 2018 22:56

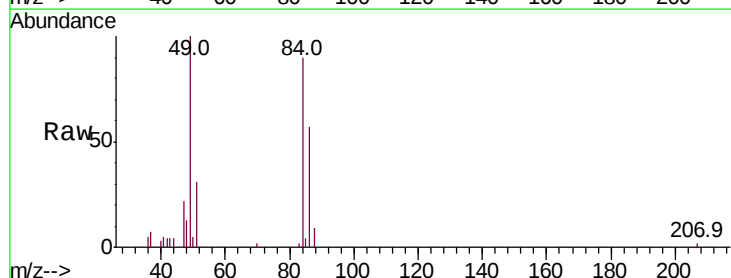
Tgt Ion: 84 Resp: 10626

Ion Ratio Lower Upper

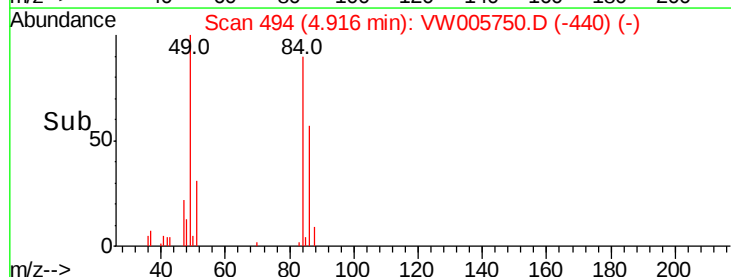
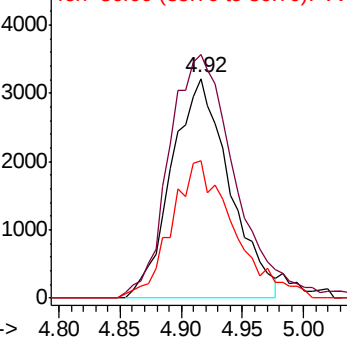
84 100

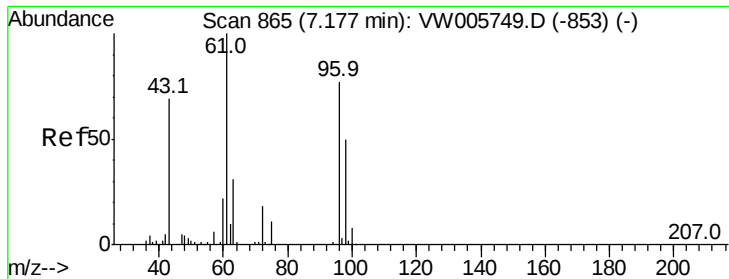
49 110.8 87.2 162.0

86 62.6 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





#21

2-Butanone

Concen: 1.746 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005750.D

Acq: 01 Oct 2018 22:56

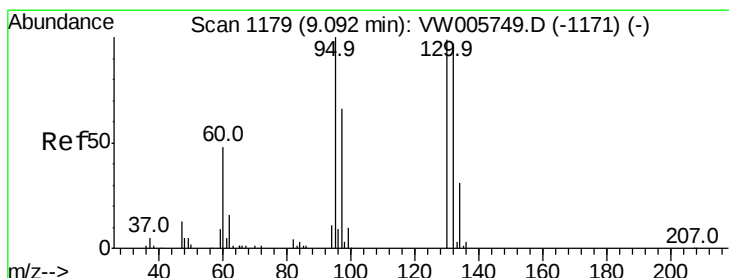
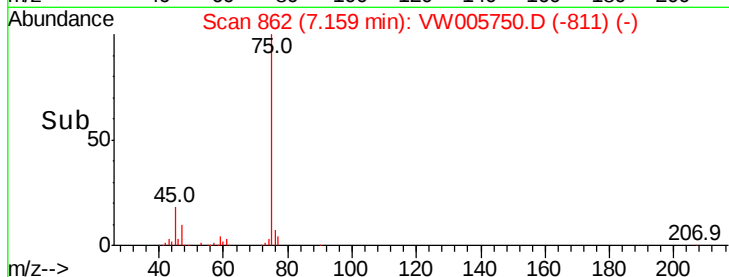
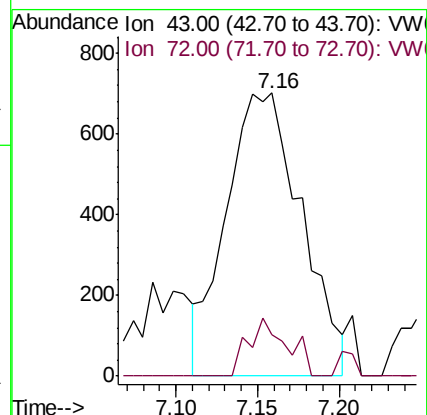
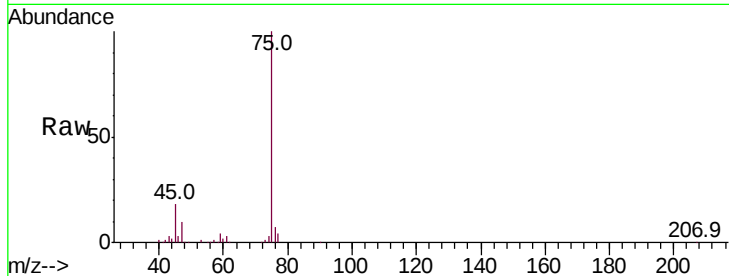
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 2256

Ion Ratio Lower Upper

43 100

72 9.0 13.2 39.6#



#35

Trichloroethene

Concen: 2.052 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005750.D

Acq: 01 Oct 2018 22:56

Tgt Ion: 95 Resp: 7919

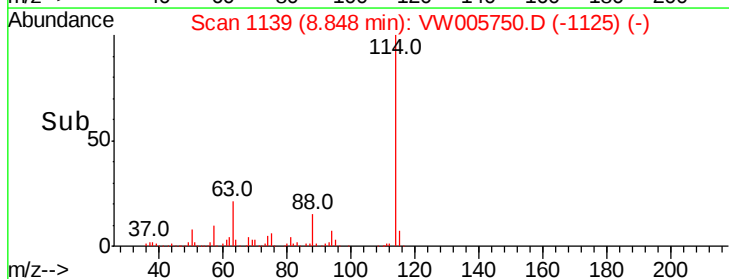
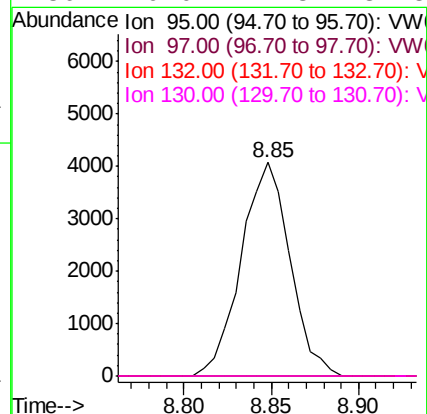
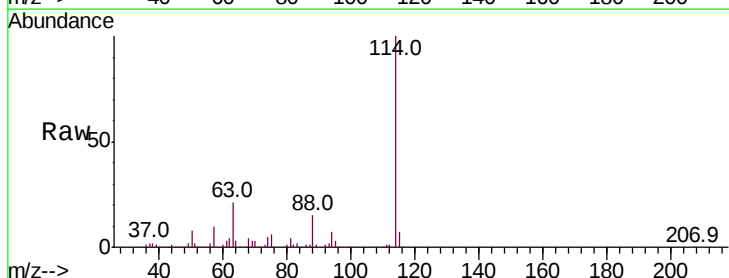
Ion Ratio Lower Upper

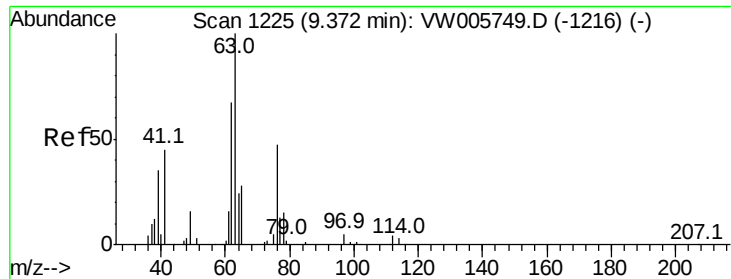
95 100

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: 3.391 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005750.D

Acq: 01 Oct 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 63 Resp: 11920

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

