

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
 Data File : VW004682.D
 Acq On : 14 Aug 2018 23:28
 Operator : SY/AP
 Sample : J4421-10
 Misc : 9.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 15 09:02:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 12:36:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	140694	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	111247	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	27452	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78969	35.31	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.24%
7) Chloroethane-d5	2.89	69	63156	36.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	146.12%
10) 1,1-Dichloroethene-d2	4.01	63	85075	20.80	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.20%
20) 2-Butanone-d5	7.09	46	40701	67.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.52%
24) Chloroform-d	7.65	84	121128	32.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	128.48%
26) 1,2-Dichloroethane-d4	8.31	65	77604	38.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	155.40%#
29) Benzene-d6	8.28	84	215337	34.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	138.04%#
33) 1,2-Dichloropropane-d6	9.28	67	78904	40.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	162.88%#
37) Toluene-d8	10.33	98	138068	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.64%
38) trans-1,3-Dichloropropene-	10.58	79	24813	31.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	126.16%
39) 2-Hexanone-d5	10.93	63	24938	64.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.78%
48) 1,1,1,2,2-Tetrachloroethane-	12.70	84	66608	36.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.56%#
61) 1,2-Dichlorobenzene-d4	13.86	152	27325	26.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.96%

Target Compounds

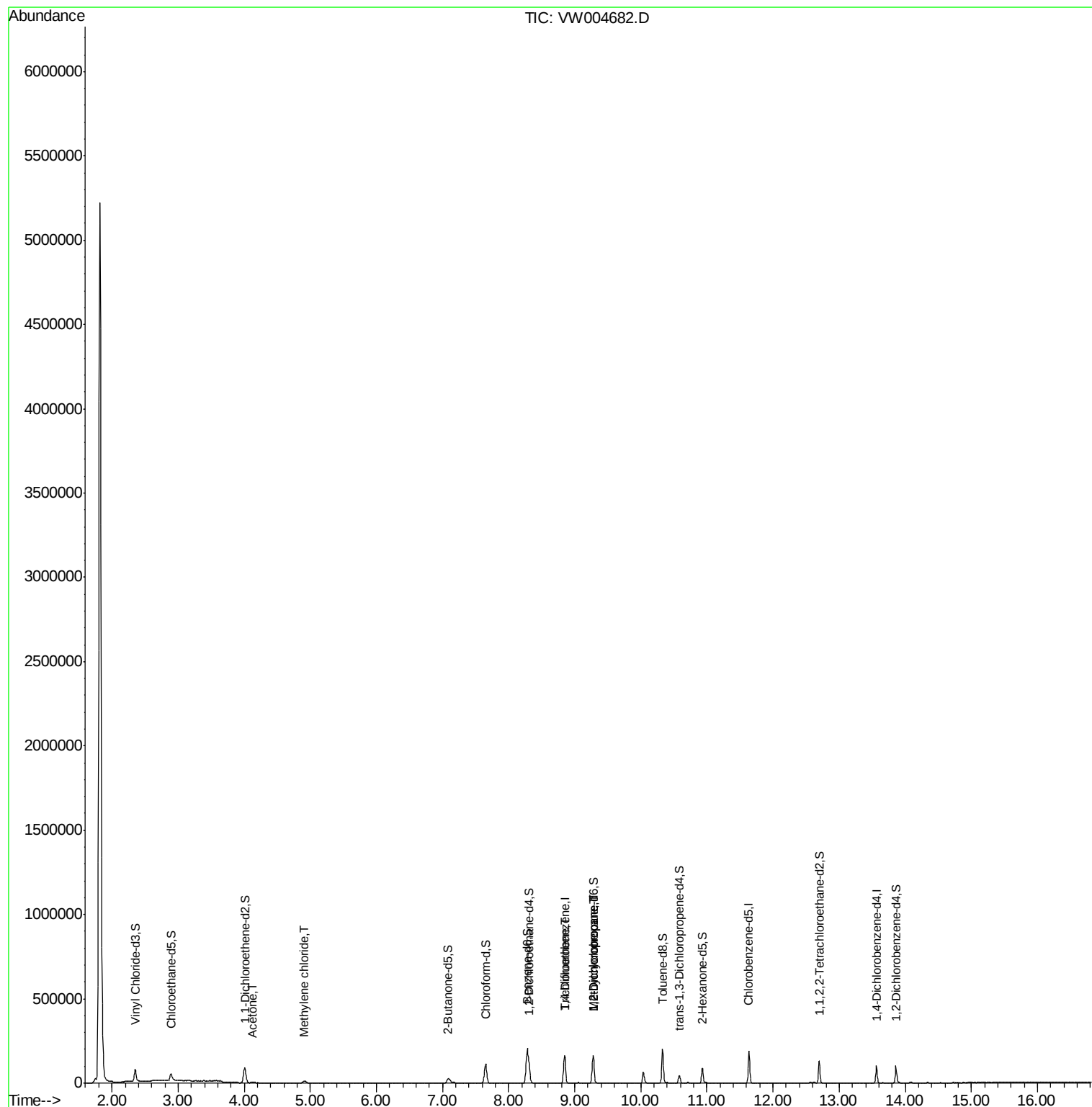
					Ovalue
13) Acetone	4.12	43	4661	8.395	ug/L 100
16) Methylene chloride	4.91	84	7204	2.563	ug/L 97
35) Trichloroethene	8.85	95	3870	2.172	ug/L # 4
36) Methylcyclohexane	9.27	83	18650	5.609	ug/L # 19
40) 1,2-Dichloropropane	9.27	63	7679	4.274	ug/L # 87

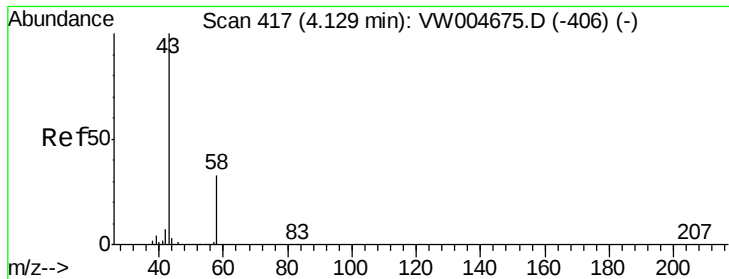
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.395 ug/L

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW004682.D

Acq: 14 Aug 2018 23:28

Instrument :

MSVOA_W

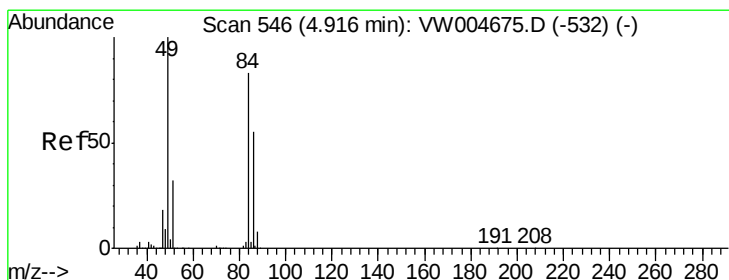
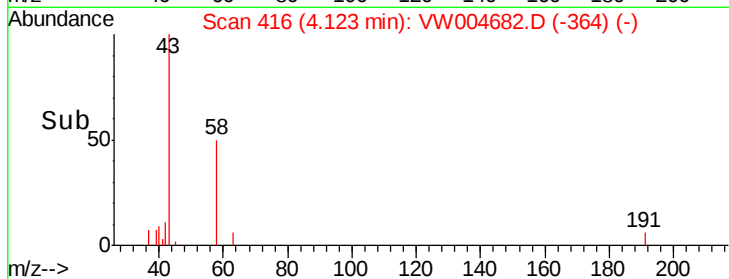
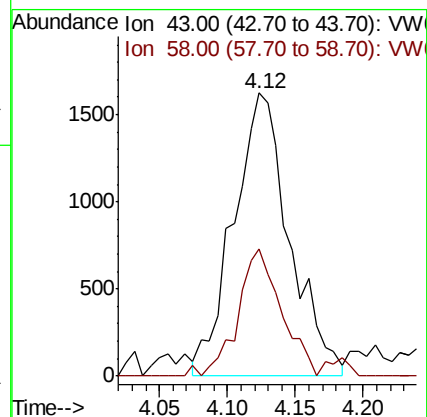
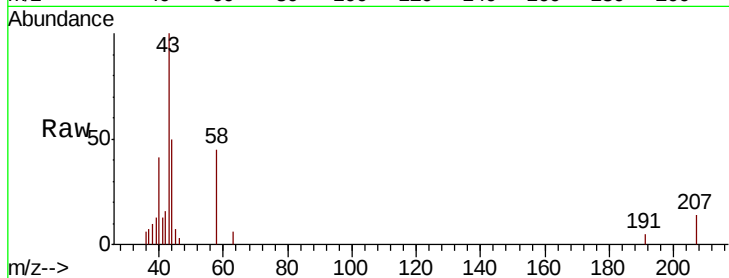
ClientSampled :

Tot Ion: 43 Resp: 4661

Ion Ratio Lower Upper

43 100

58 34.5 0.0 69.4



#16

Methylene chloride

Concen: 2.563 ug/L

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

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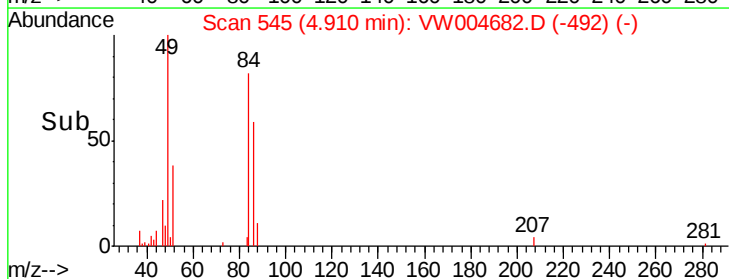
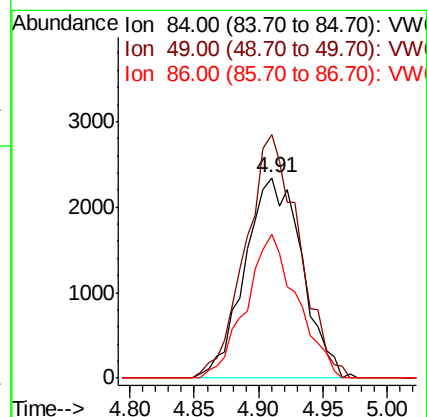
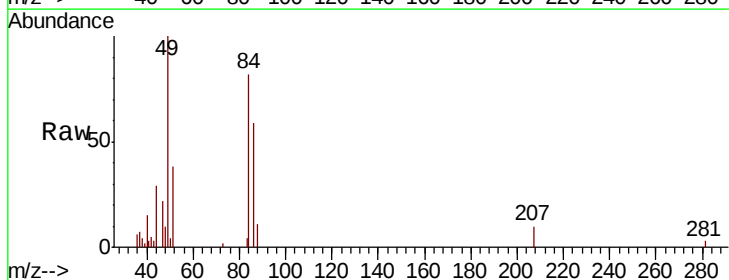
Tgt Ion: 84 Resp: 7204

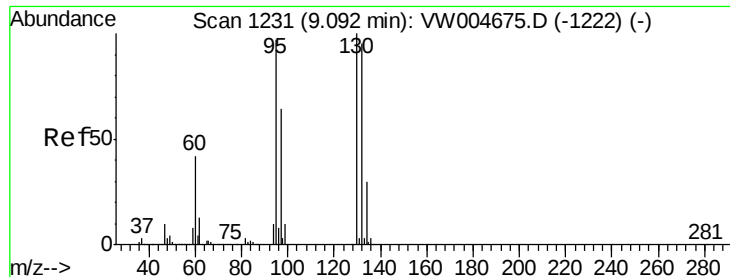
Ion Ratio Lower Upper

84 100

49 121.6 84.9 157.7

86 72.0 45.7 84.9





#35

Trichloroethene

Concen: 2.172 ug/L

RT: 8.85 min Scan# 1191

Delta R.T. -0.25 min

Lab File: VW004682.D

Acq: 14 Aug 2018 23:28

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 3870

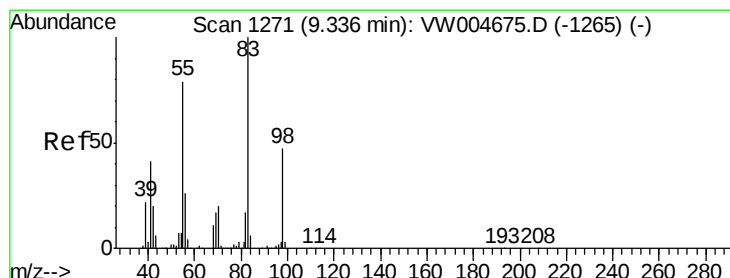
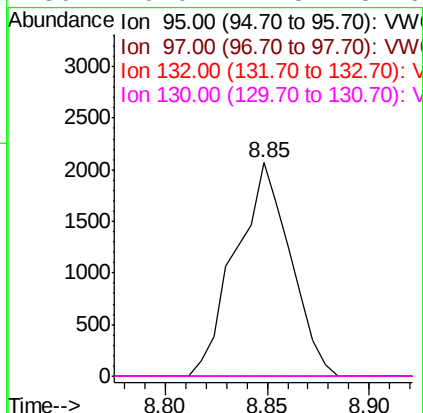
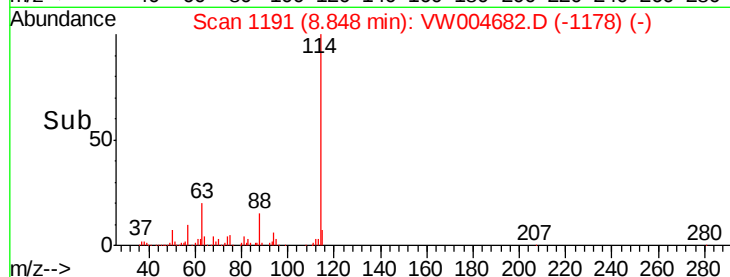
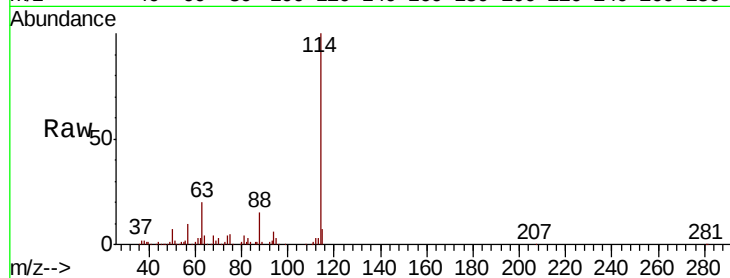
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 68.8 127.8#

130 0.0 71.5 132.9#



#36

Methylcyclohexane

Concen: 5.609 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.07 min

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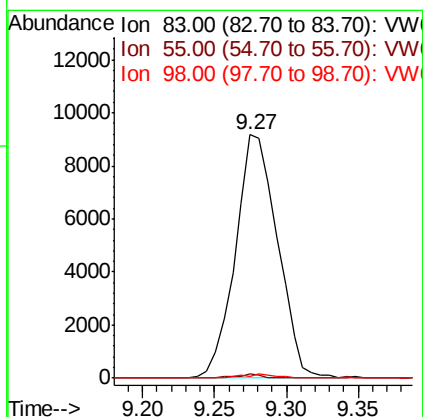
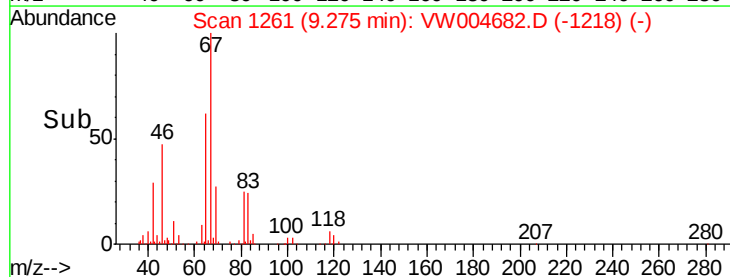
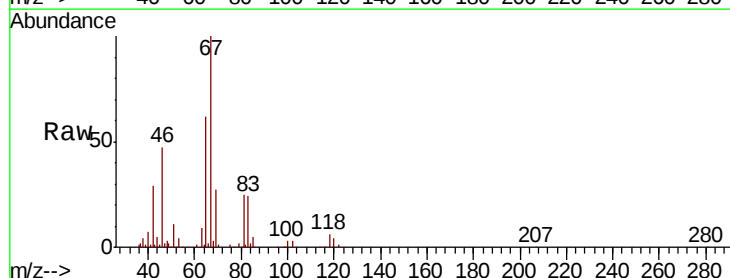
Tgt Ion: 83 Resp: 18650

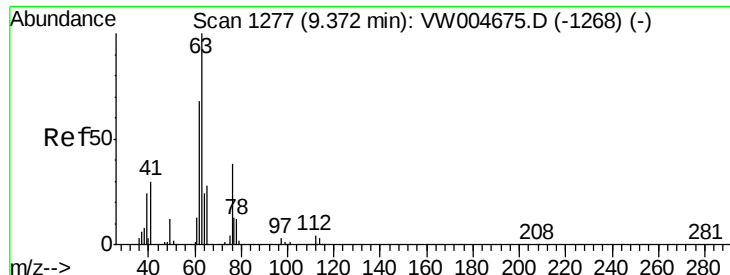
Ion Ratio Lower Upper

83 100

55 0.5 61.4 92.2#

98 0.7 36.2 54.4#





#40

1,2-Dichloropropane

Concen: 4.274 ug/L

RT: 9.27 min Scan# 1261

Delta R.T. -0.10 min

Lab File: VW004682.D

Acq: 14 Aug 2018 23:28

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 63 Resp: 7679

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#

