

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004920.D
 Acq On : 24 Aug 2018 02:23
 Operator : SY/AP
 Sample : J4628-14
 Misc : 5.41G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 07:20:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 07:12:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	601372	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	589896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	206974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	279862	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
7) Chloroethane-d5	2.89	69	218566	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.76%
10) 1,1-Dichloroethene-d2	4.20	63	160	0.01	ug/L	0.17
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.09	46	55424	23.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.92%
24) Chloroform-d	7.65	84	345725	25.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.56%
26) 1,2-Dichloroethane-d4	8.31	65	199563	27.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.04%
29) Benzene-d6	8.28	84	741692	24.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.76%
33) 1,2-Dichloropropane-d6	9.28	67	232293	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	10.33	98	741290	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloropropene-	10.59	79	72198	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.28%
39) 2-Hexanone-d5	10.93	63	52614	23.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	217051	24.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	208771	25.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.44%

Target Compounds

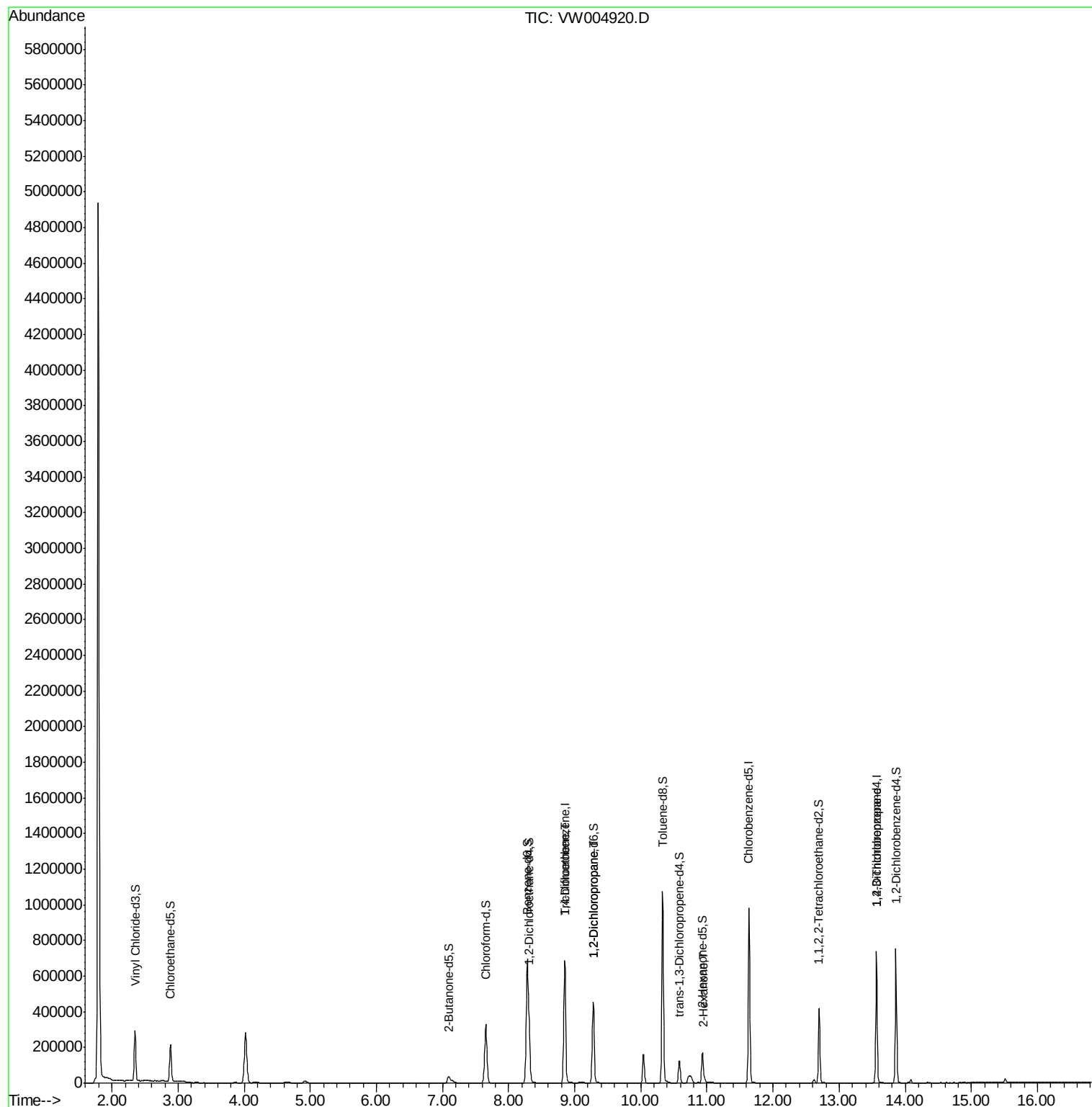
				Ovalue
35) Trichloroethene	8.85	95	17052	2.039 ug/L # 4
40) 1,2-Dichloropropane	9.28	63	22781	2.753 ug/L # 89
49) 2-Hexanone	10.96	43	19211	4.070 ug/L # 40
59) 1,2,3-Trichloropropane	13.56	75	23129	3.261 ug/L 92

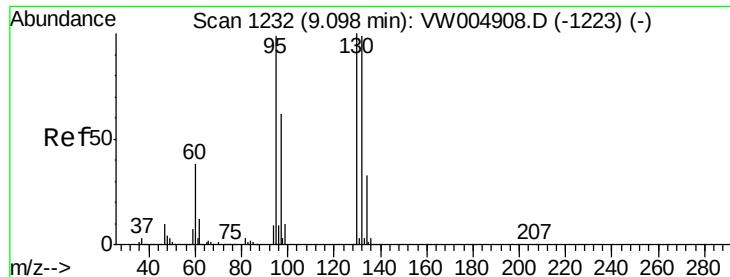
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.039 ug/L

RT: 8.85 min Scan# 1191

Delta R.T. -0.25 min

Lab File: VW004920.D

Acq: 24 Aug 2018 02:23

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 17052

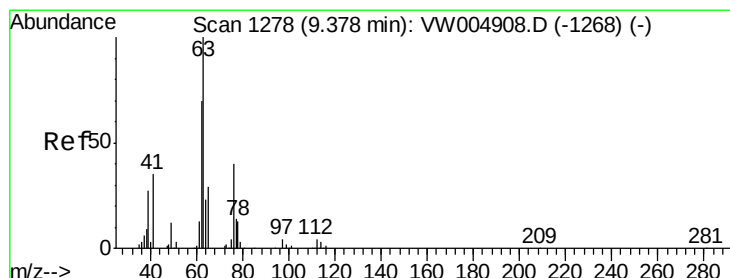
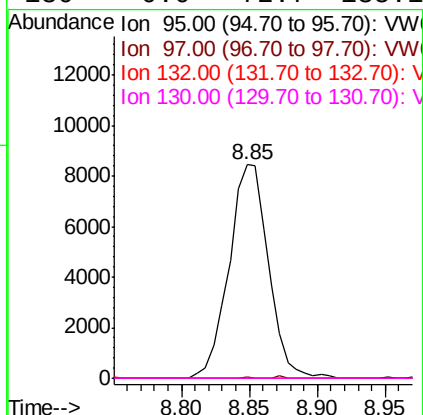
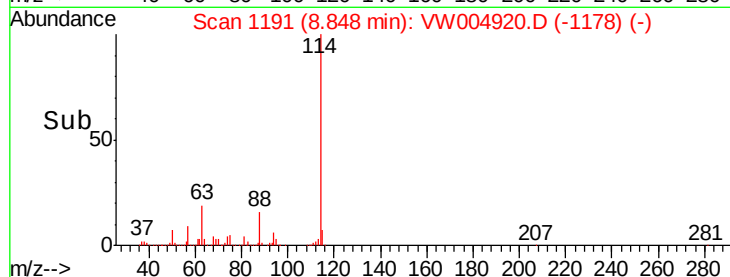
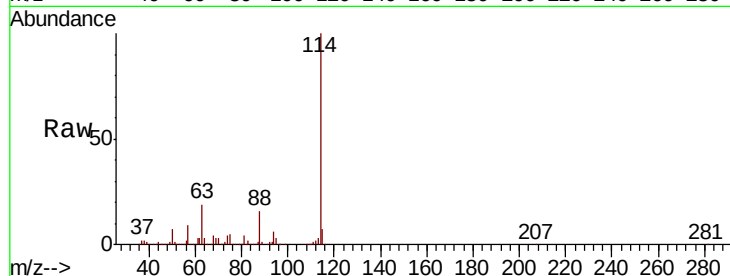
Ion Ratio Lower Upper

95 100

97 0.0 45.9 85.3#

132 0.3 69.2 128.4#

130 0.0 72.7 135.1#



#40

1,2-Dichloropropane

Concen: 2.753 ug/L

RT: 9.28 min Scan# 1262

Delta R.T. -0.10 min

Lab File: VW004920.D

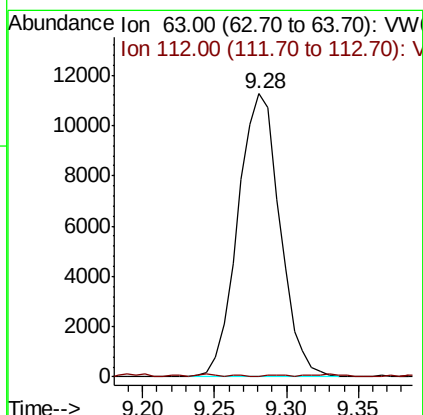
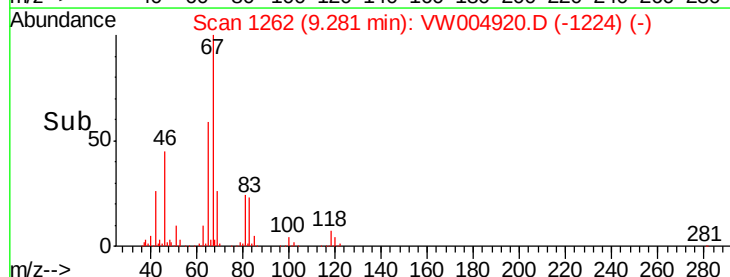
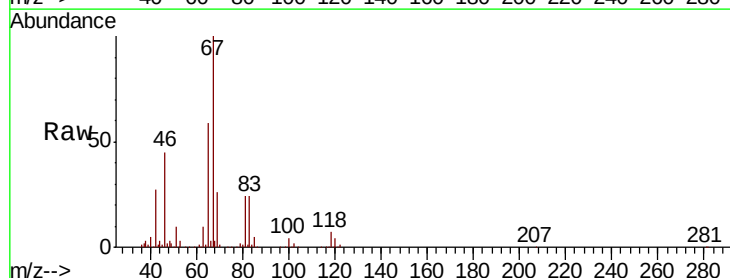
Acq: 24 Aug 2018 02:23

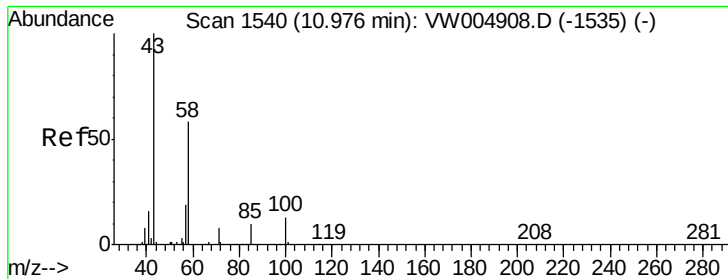
Tgt Ion: 63 Resp: 22781

Ion Ratio Lower Upper

63 100

112 0.2 3.2 4.8#





#49

2-Hexanone

Concen: 4.070 ug/L

RT: 10.96 min Scan# 1537

Delta R.T. -0.02 min

Lab File: VW004920.D

Acq: 24 Aug 2018 02:23

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 19211

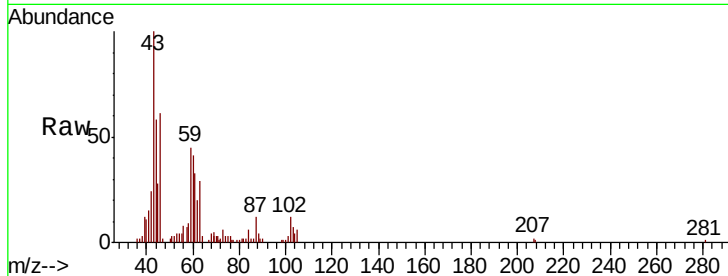
Ion Ratio Lower Upper

43 100

58 3.0 44.6 67.0#

57 0.6 15.4 23.2#

100 0.1 9.6 14.4#

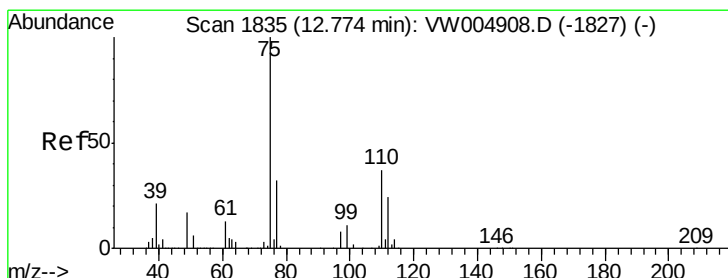
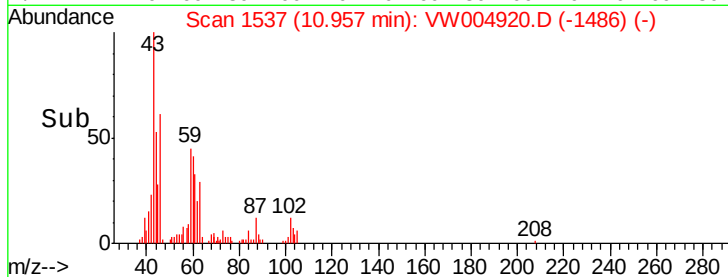
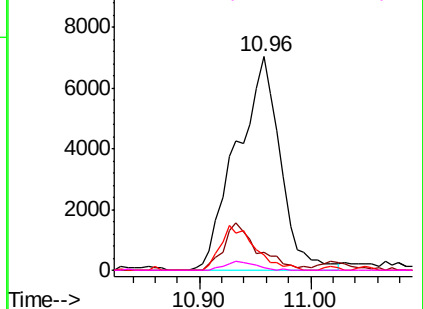


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.261 ug/L

RT: 13.56 min Scan# 1964

Delta R.T. 0.79 min

Lab File: VW004920.D

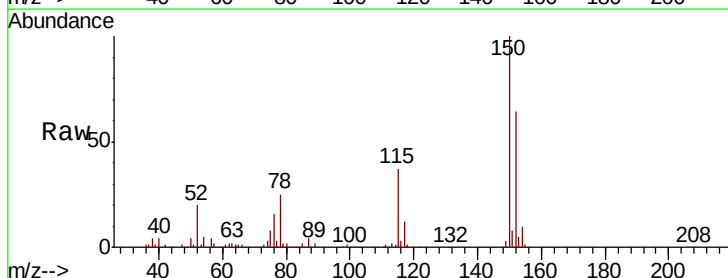
Acq: 24 Aug 2018 02:23

Tgt Ion: 75 Resp: 23129

Ion Ratio Lower Upper

75 100

77 36.1 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

