

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004083.D
 Acq On : 20 Jul 2018 18:01
 Operator : SY/AP
 Sample : J4037-11
 Misc : 6.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 04:57:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	256159	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	239890	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	87203	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58367	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
7) Chloroethane-d5	2.89	69	43520	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
10) 1,1-Dichloroethene-d2	4.00	63	99860	16.43	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	7.08	46	64932	43.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.40%
24) Chloroform-d	7.65	84	160907	26.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.88%
26) 1,2-Dichloroethane-d4	8.31	65	97281	26.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.28%
29) Benzene-d6	8.27	84	278430	25.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.08%
33) 1,2-Dichloropropane-d6	9.28	67	100117	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.92%
37) Toluene-d8	10.33	98	228836	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	10.58	79	37191	22.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.20%
39) 2-Hexanone-d5	10.93	63	49908	49.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.92%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	100062	24.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	76920	27.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.72%

Target Compounds

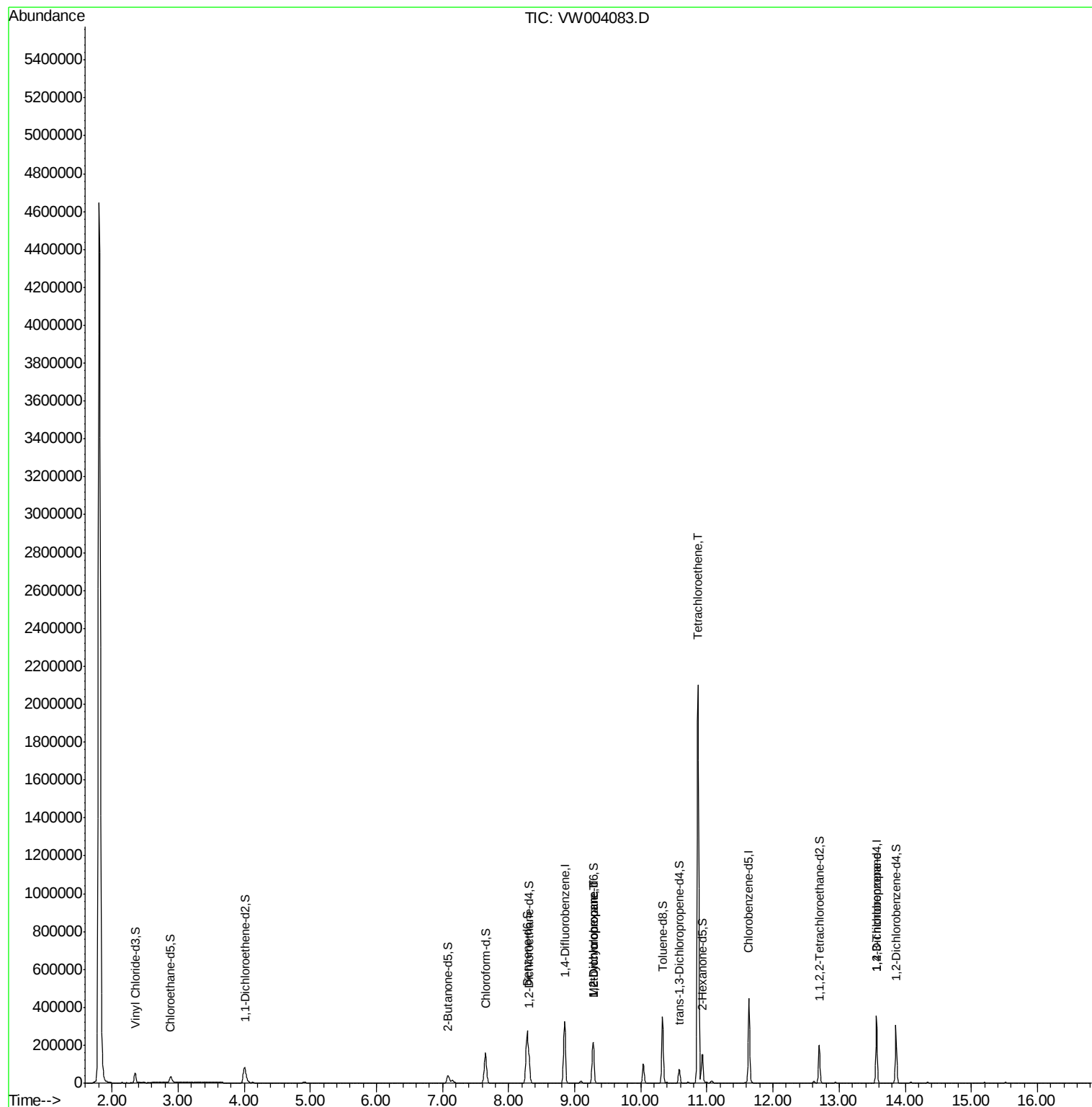
					Ovalue
36) Methylcyclohexane	9.28	83	24083	3.704 ug/L #	17
40) 1,2-Dichloropropane	9.28	63	11674	2.929 ug/L #	90
47) Tetrachloroethene	10.87	164	455421	143.525 ug/L	97
59) 1,2,3-Trichloropropane	13.57	75	11532	3.364 ug/L	92

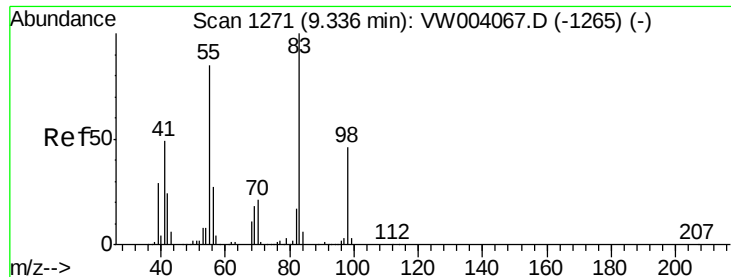
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 21 04:54:15 2018
Response via : Initial Calibration

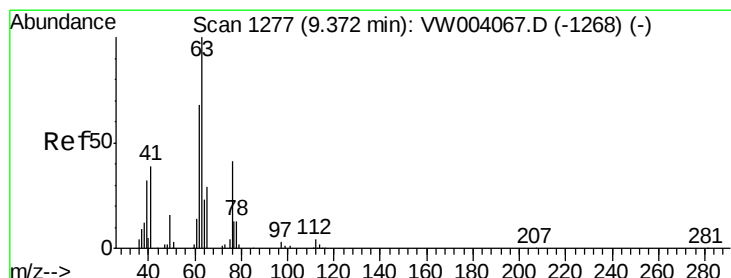
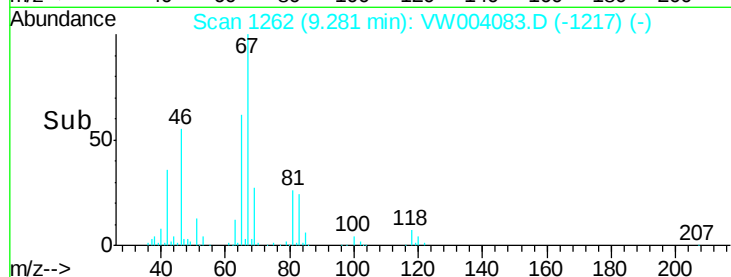
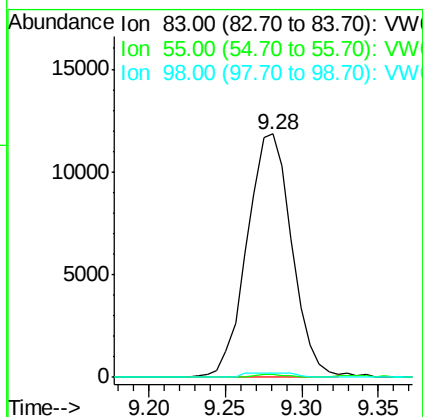
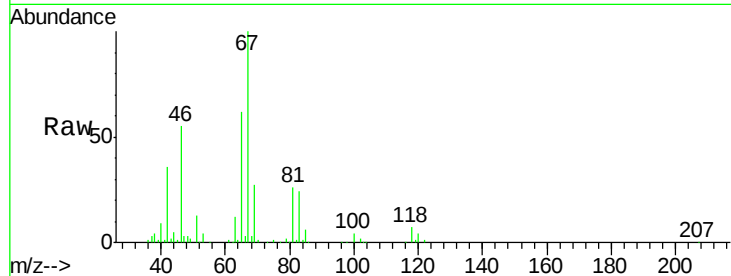




#36
Methylcyclohexane
Concen: 3.704 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
Lab File: VW004083.D
Acq: 20 Jul 2018 18:01

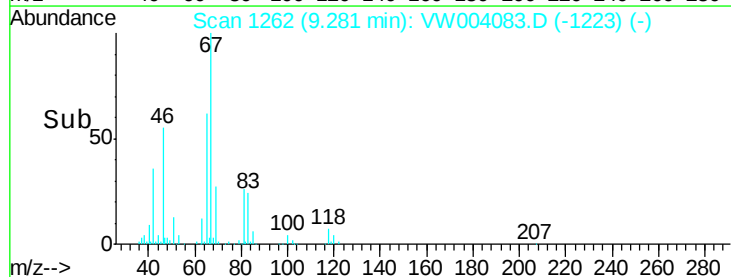
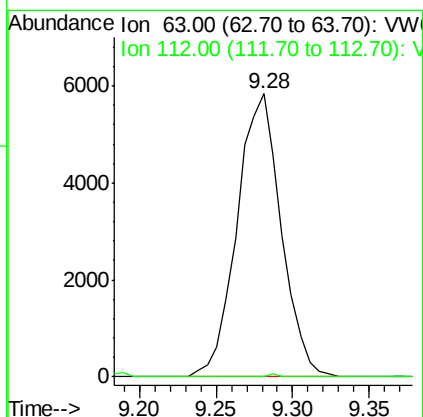
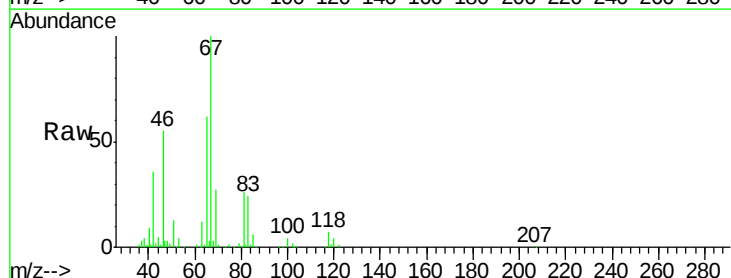
Instrument :
MSVOA_W
ClientSampled :

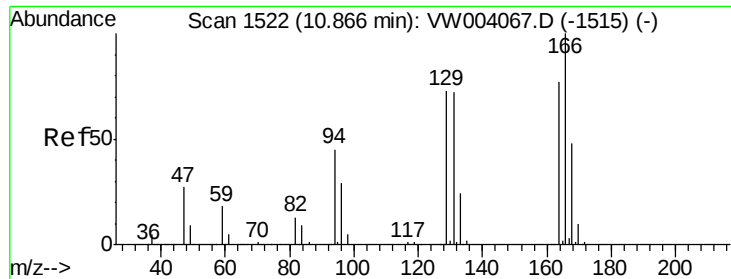
Tot Ion: 83 Resp: 24083
Ion Ratio Lower Upper
83 100
55 0.8 65.8 98.6#
98 1.1 37.0 55.6#



#40
1,2-Dichloropropane
Concen: 2.929 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.09 min
Lab File: VW004083.D
Acq: 20 Jul 2018 18:01

Tgt Ion: 63 Resp: 11674
Ion Ratio Lower Upper
63 100
112 0.5 3.0 4.4#





#47

Tetrachloroethene

Concen: 143.525 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004083.D

Acq: 20 Jul 2018 18:01

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 455421

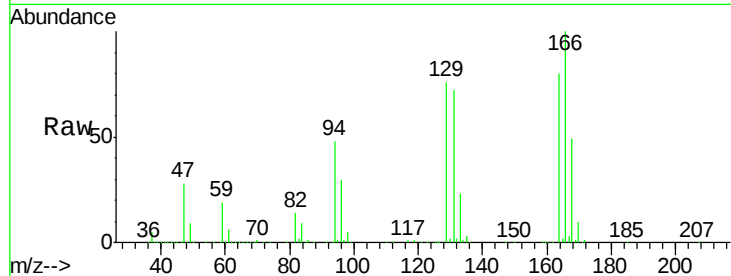
Ion Ratio Lower Upper

164 100

129 95.2 63.1 117.3

131 89.8 62.8 116.6

166 124.8 84.6 157.2

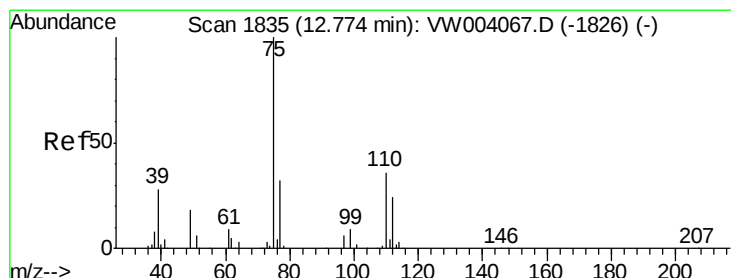
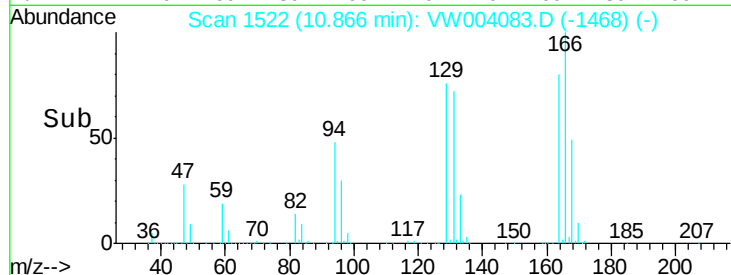
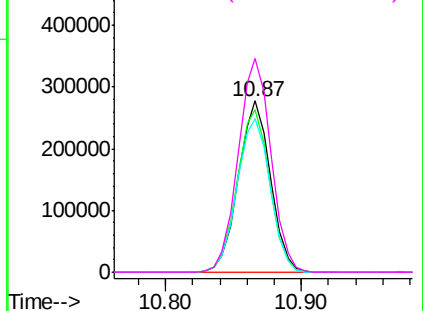


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 3.364 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004083.D

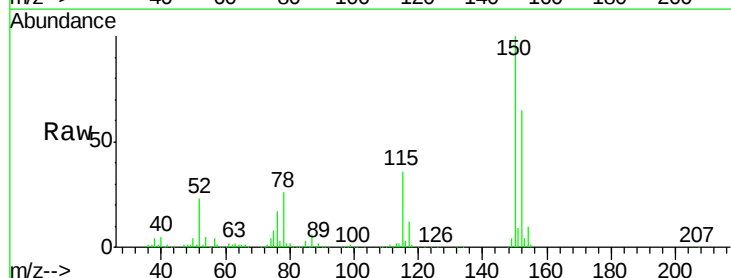
Acq: 20 Jul 2018 18:01

Tgt Ion: 75 Resp: 11532

Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

