

Data File : VW009311.D
Acq On : 21 Mar 2019 03:12
Operator : SY/VA
Sample : K1988-12
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0C3

Quant Time: Mar 21 12:24:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	382347	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	361434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176866	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112457	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
7) Chloroethane-d5	2.89	69	106248	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.48%
10) 1,1-Dichloroethene-d2	4.01	63	172166	17.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	7.07	46	81469	43.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.24%
24) Chloroform-d	7.65	84	245213	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.31	65	146257	23.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.08%
29) Benzene-d6	8.27	84	456709	22.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.64%
33) 1,2-Dichloropropane-d6	9.27	67	139082	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.92%
37) Toluene-d8	10.32	98	401445	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.12%
38) trans-1,3-Dichloropropene-	10.58	79	59540	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.20%
39) 2-Hexanone-d5	10.93	63	60919	42.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134013	22.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	155955	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

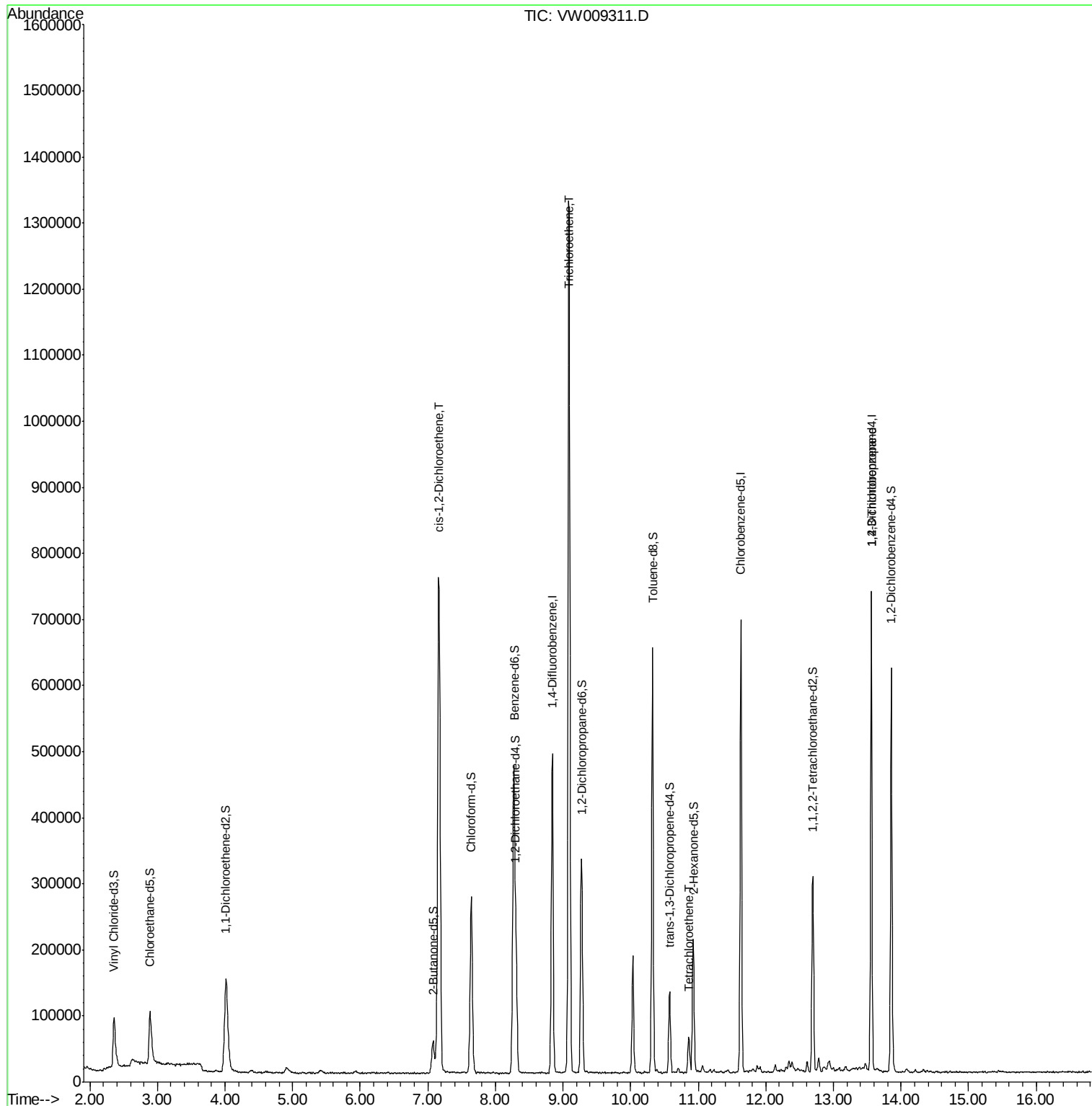
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	7.17	96	420064	78.334	ug/L	97
35) Trichloroethene	9.09	95	415999	78.917	ug/L	99
47) Tetrachloroethene	10.86	164	11845	2.659	ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	23284	5.742	ug/L	90

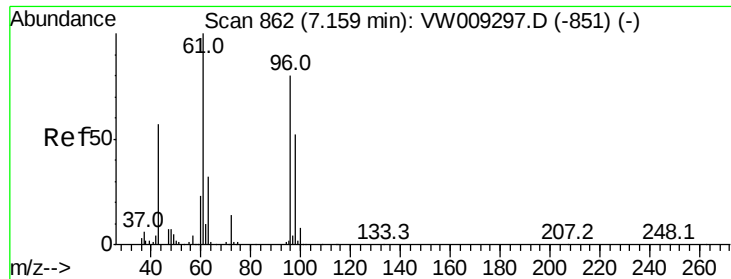
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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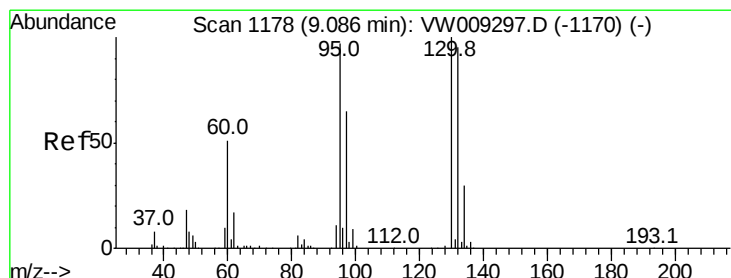
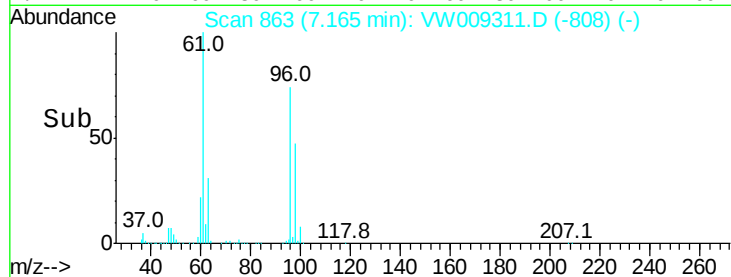
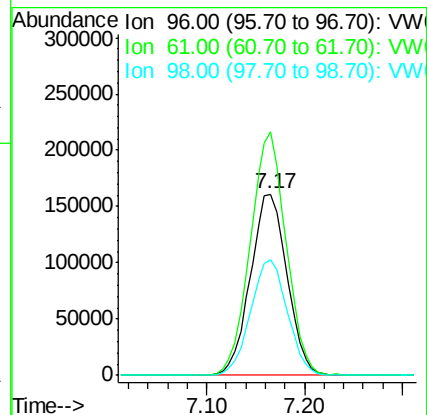
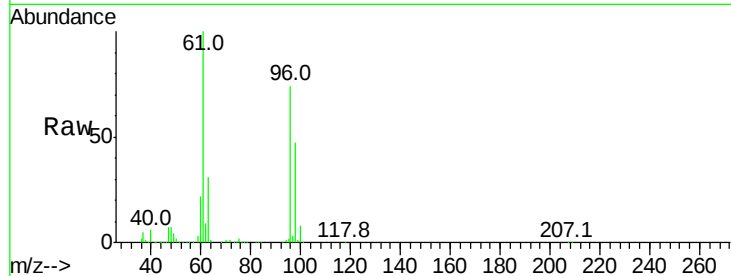


#22

cis-1,2-Dichloroethene
Concen: 78.334 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009311.D
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MSVOA_W
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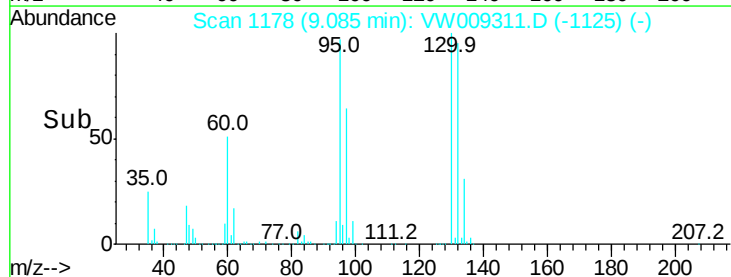
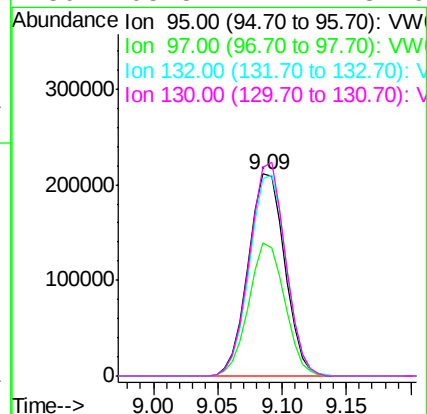
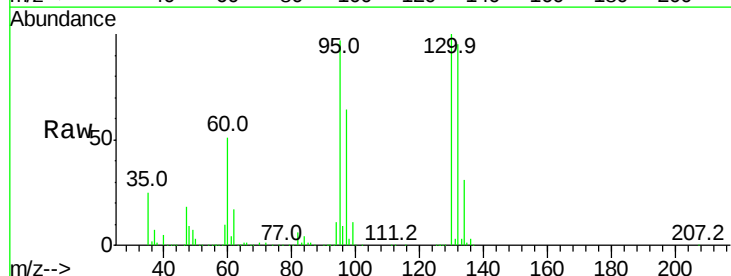
Tgt Ion: 96 Resp: 420064
Ion Ratio Lower Upper
96 100
61 134.5 90.6 168.3
98 63.9 44.0 81.8

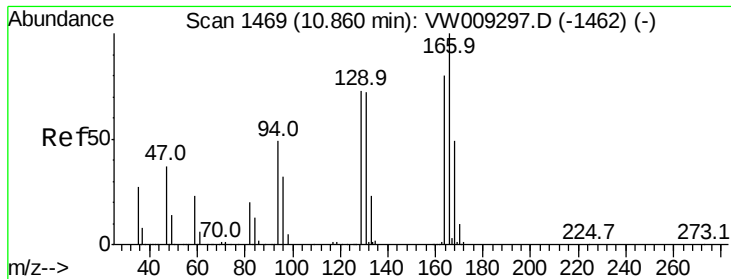


#35

Trichloroethene
Concen: 78.917 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW009311.D
Acq: 21 Mar 2019 03:12

Tgt Ion: 95 Resp: 415999
Ion Ratio Lower Upper
95 100
97 64.7 44.7 82.9
132 99.5 69.0 128.2
130 103.8 72.7 134.9





#47

Tetrachloroethene

Concen: 2.659 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009311.D

Acq: 21 Mar 2019 03:12

Instrument :

MSVOA_W

ClientSampleId :

BF0C3

Tgt Ion:164 Resp: 11845

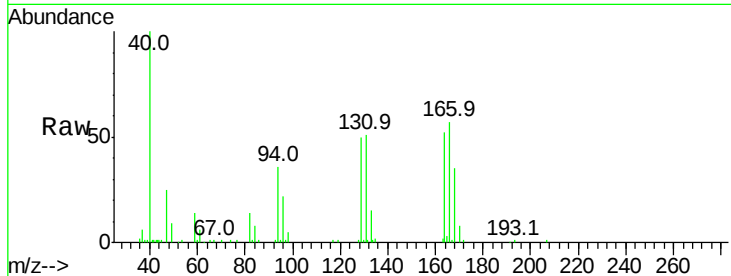
Ion Ratio Lower Upper

164 100

129 95.5 66.5 123.5

131 100.2 62.6 116.3

166 109.2 91.6 170.0

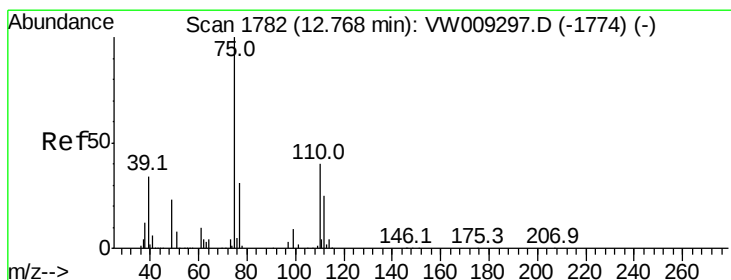
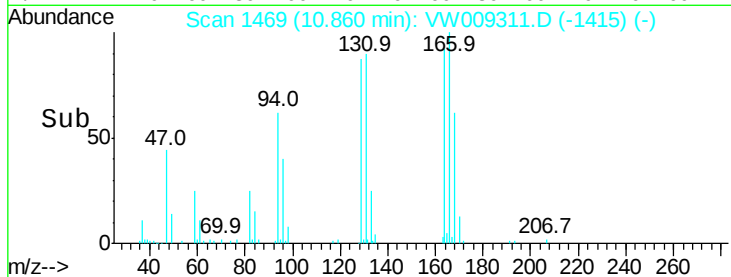
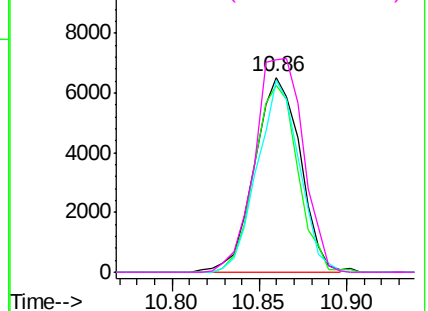


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.742 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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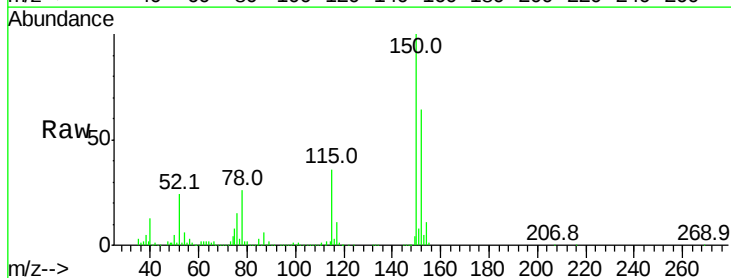
Acq: 21 Mar 2019 03:12

Tgt Ion: 75 Resp: 23284

Ion Ratio Lower Upper

75 100

77 38.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

