

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009310.D
 Acq On : 21 Mar 2019 02:45
 Operator : SY/VA
 Sample : K1988-11
 Misc : 5.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C2

Manual Integrations
 APPROVED

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 3/25/2019 11:43:34 AM

Quant Time: Mar 22 09:43:13 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	393041	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	376851	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181144	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113358	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.52%
7) Chloroethane-d5	2.90	69	108056	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.64%
10) 1,1-Dichloroethene-d2	4.02	63	170068m	16.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.00%
20) 2-Butanone-d5	7.08	46	71221	36.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.34%
24) Chloroform-d	7.64	84	244879	22.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	8.30	65	140844	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.20%
29) Benzene-d6	8.27	84	459538	22.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.44%
33) 1,2-Dichloropropane-d6	9.27	67	139024	22.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.08%
37) Toluene-d8	10.32	98	397942	20.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.84%
38) trans-1,3-Dichloropropene-	10.58	79	58661	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.84%
39) 2-Hexanone-d5	10.93	63	53554	35.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124196	20.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	154852	22.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.16%

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	208512	37.826 ug/L	99
35) Trichloroethene	9.09	95	67068	12.203 ug/L	98
47) Tetrachloroethene	10.87	164	2423	0.522 ug/L	93

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

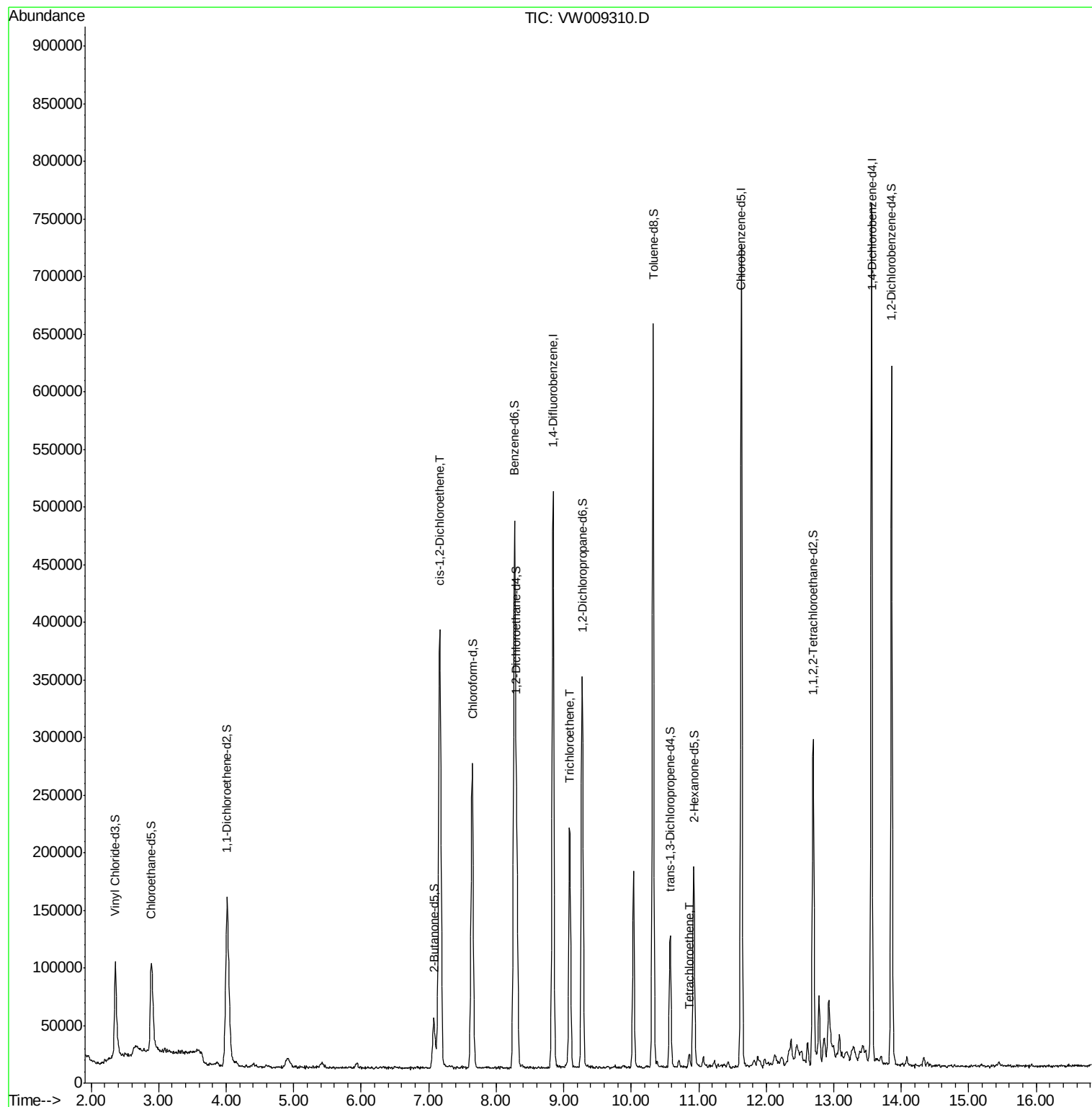
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032019\
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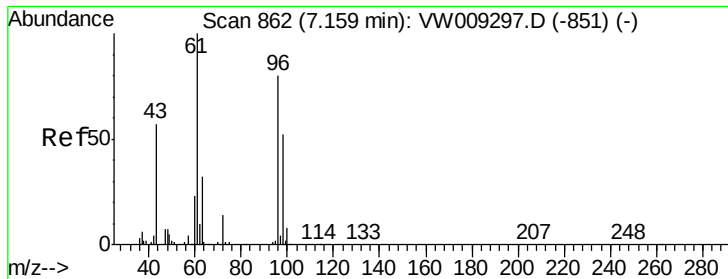
Instrument :
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#22

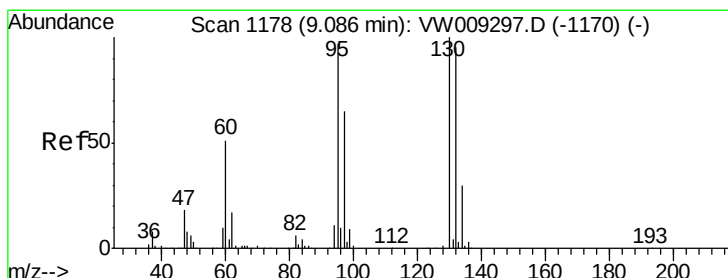
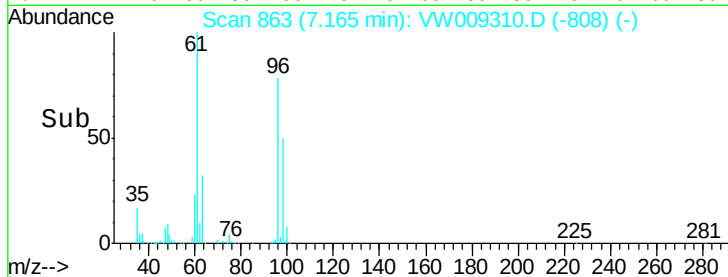
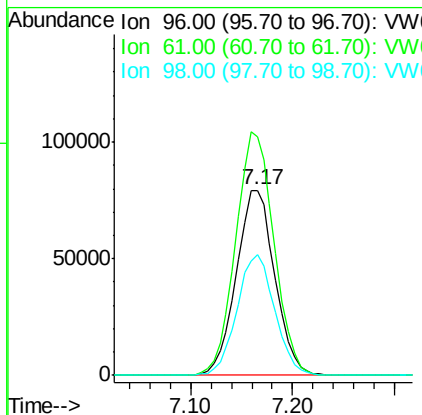
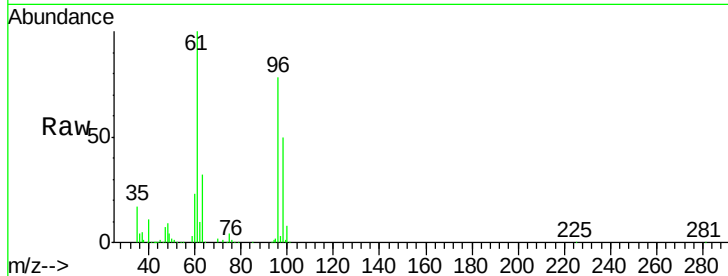
cis-1,2-Dichloroethene
 Concen: 37.826 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW009310.D
 Acq: 21 Mar 2019 02:45

Instrument :
 MSVOA_W
 ClientSampled :
 BF0C2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		208512		
61	128.9	90.6	168.3		
98	64.9	44.0	81.8		

Manual Integrations
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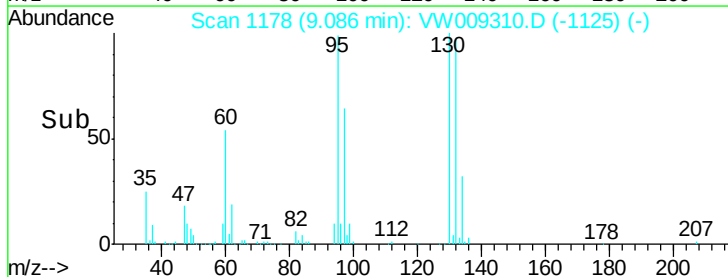
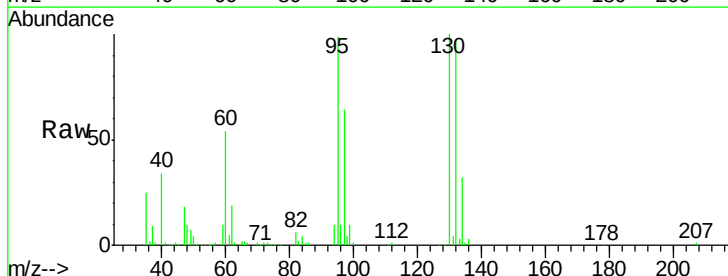
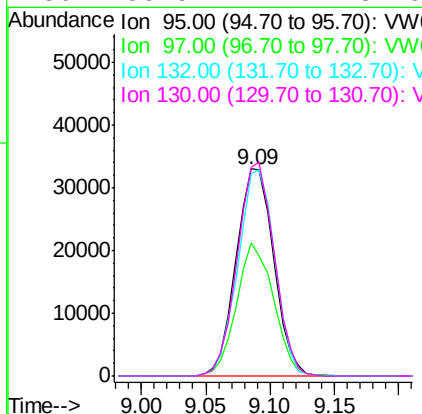
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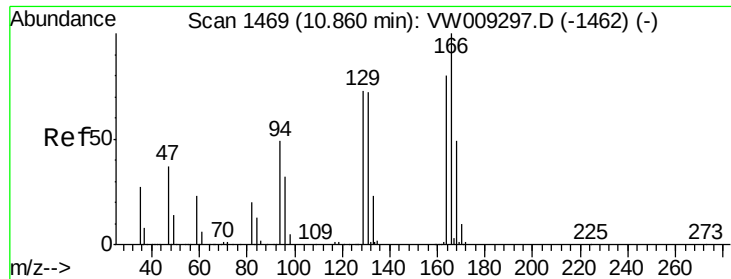


#35

Trichloroethene
 Concen: 12.203 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW009310.D
 Acq: 21 Mar 2019 02:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		67068		
97	63.2	44.7	82.9		
132	97.2	69.0	128.2		
130	100.9	72.7	134.9		





#47
Tetrachloroethene
Concen: 0.522 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009310.D
Acq: 21 Mar 2019 02:45

Instrument :
MSVOA_W
ClientSampleId :
BF0C2

Tot Ion	Ratio	Lower	Upper
164	100		
129	86.4	66.5	123.5
131	85.9	62.6	116.3
166	141.2	91.6	170.0

Manual Integrations
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