

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009313.D
 Acq On : 21 Mar 2019 04:06
 Operator : SY/VA
 Sample : K1988-14
 Misc : 6.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0C5

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:43:36 AM

Quant Time: Mar 22 09:50:01 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	340712	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151430	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98035	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
7) Chloroethane-d5	2.90	69	91368	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.72%
10) 1,1-Dichloroethene-d2	4.01	63	153260	17.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.68%
20) 2-Butanone-d5	7.07	46	66869	39.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.42%
24) Chloroform-d	7.64	84	209901	22.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.28%
26) 1,2-Dichloroethane-d4	8.31	65	126186	22.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.12%
29) Benzene-d6	8.27	84	392599	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.27	67	120839	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.32%
37) Toluene-d8	10.32	98	344782	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.84%
38) trans-1,3-Dichloropropene-	10.57	79	50411	18.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.36%
39) 2-Hexanone-d5	10.93	63	49360	37.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109603	20.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	134630	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%

Target Compounds					Ovalue	
16) Methylene chloride	4.92	84	8153m	1.641	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	128900	26.975	ug/L	98
35) Trichloroethene	9.09	95	2299387	477.184	ug/L	98
47) Tetrachloroethene	10.86	164	27942	6.863	ug/L	87

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

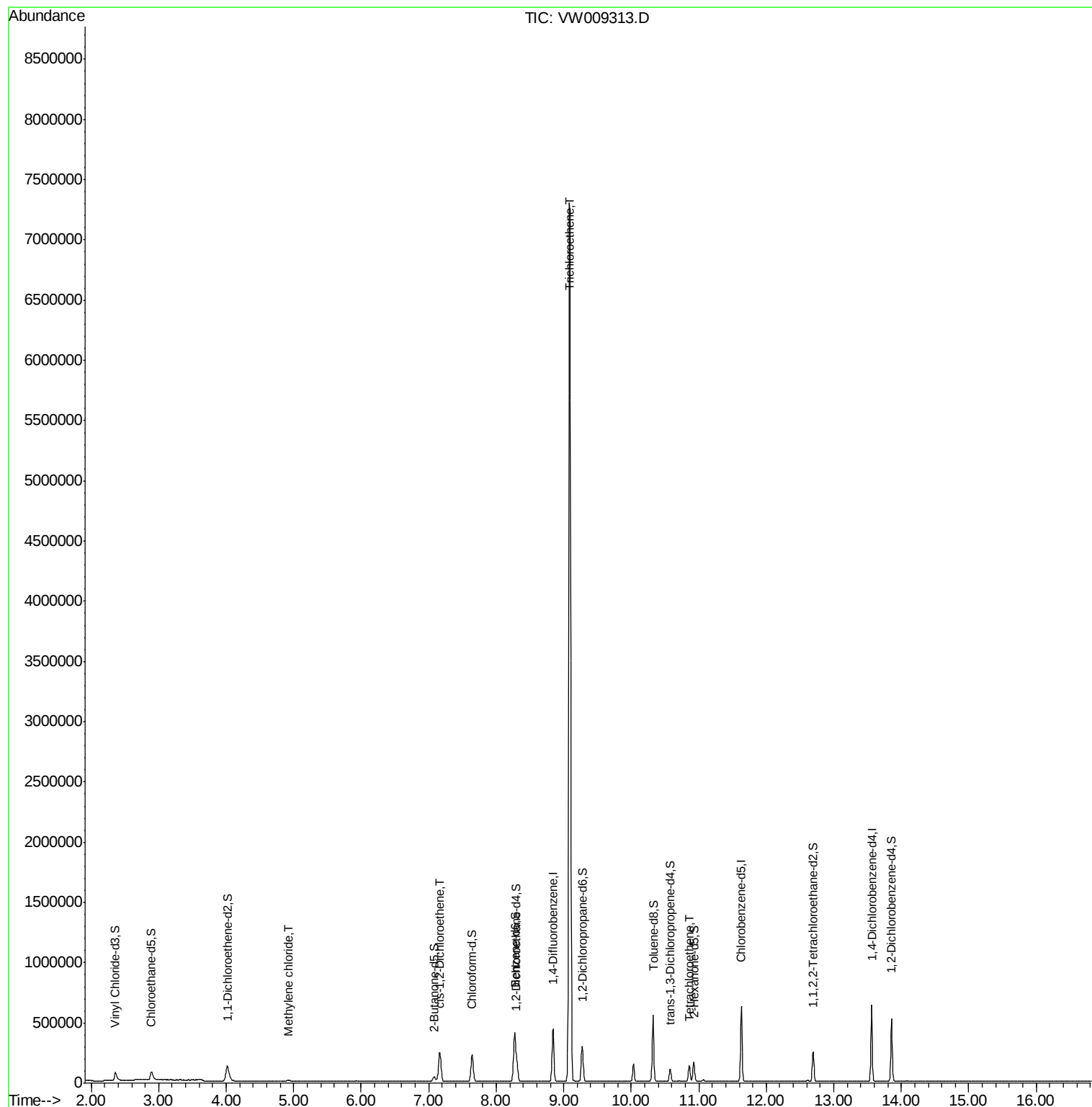
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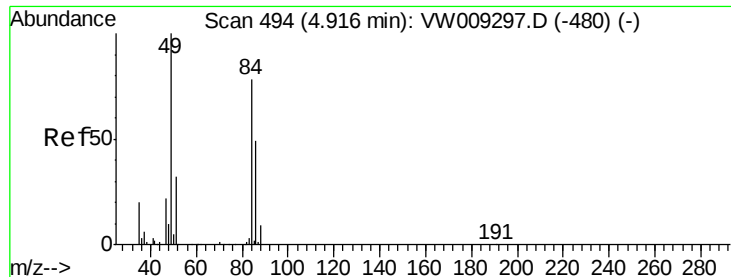
Instrument :
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ClientSampleId :
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QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration





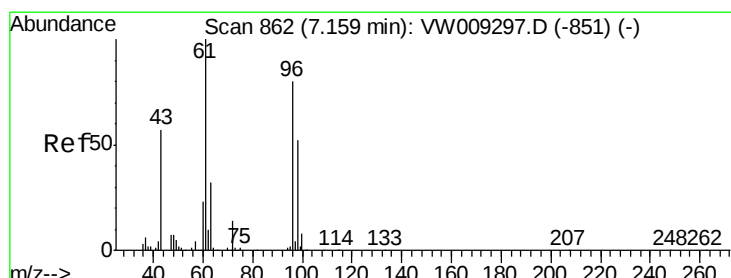
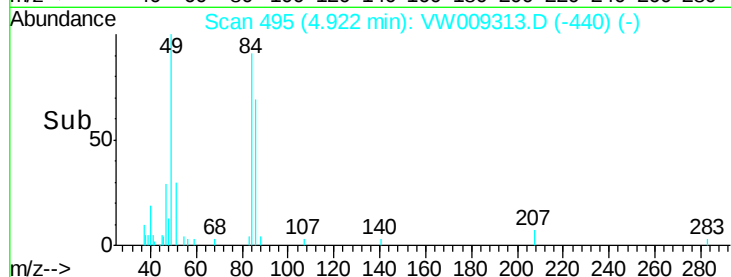
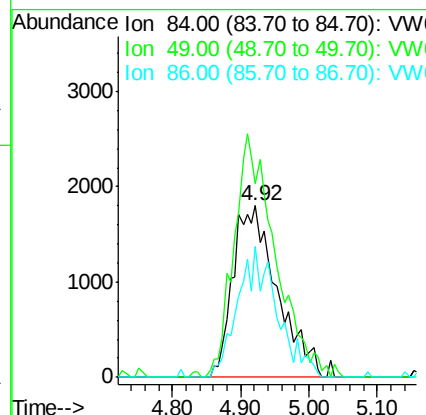
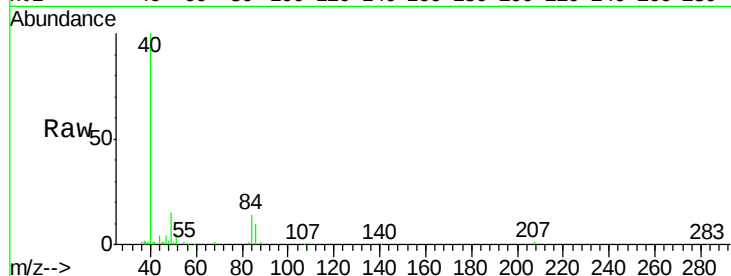
#16
Methylene chloride
Concen: 1.641 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009313.D
Acq: 21 Mar 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
BF0C5

Tot Ion	Ratio	Lower	Upper
84	100		
49	113.1	96.0	178.2
86	76.3	44.4	82.5

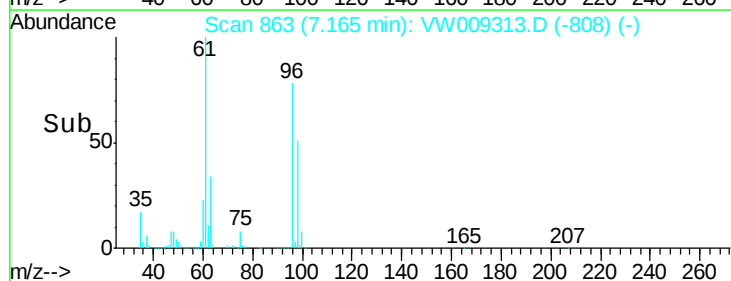
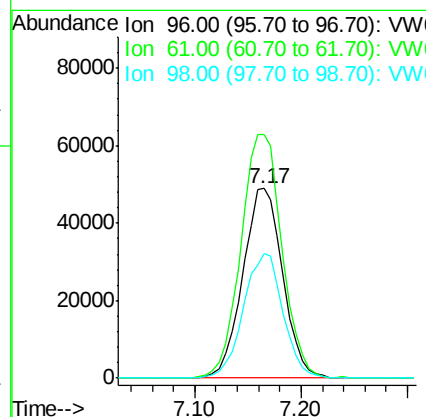
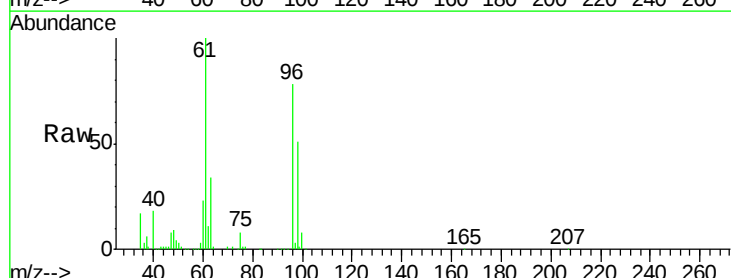
Manual Integrations
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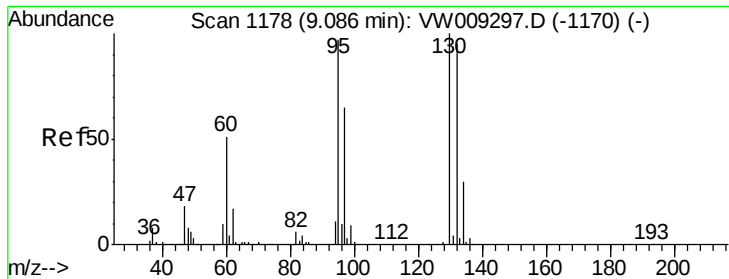
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#22
cis-1,2-Dichloroethene
Concen: 26.975 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009313.D
Acq: 21 Mar 2019 04:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.6	90.6	168.3
98	66.1	44.0	81.8





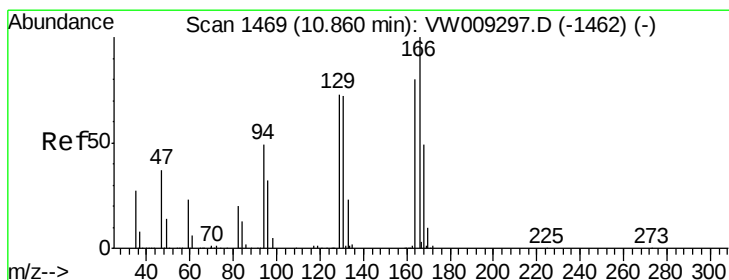
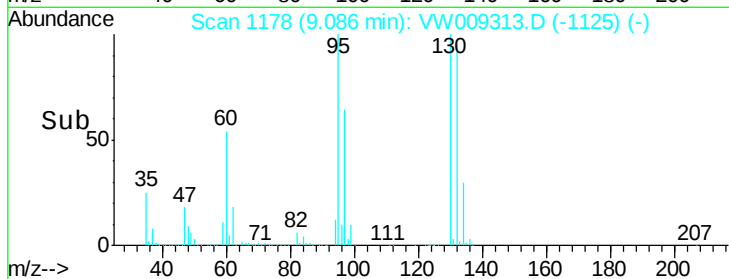
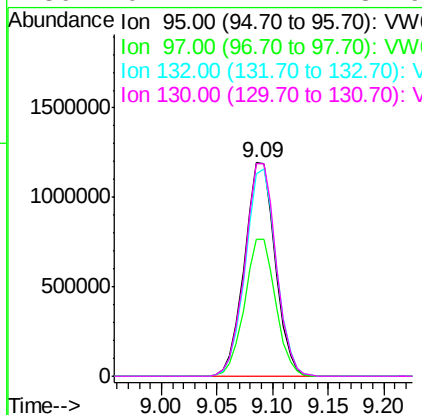
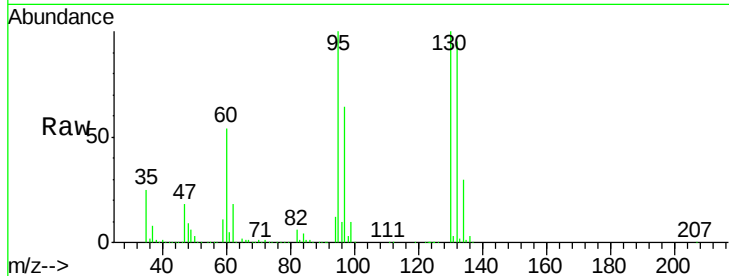
#35
 Trichloroethene
 Concen: 477.184 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW009313.D
 Acq: 21 Mar 2019 04:06

Instrument :
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Tot Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.7	82.9
132	97.6	69.0	128.2
130	101.2	72.7	134.9

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#47
 Tetrachloroethene
 Concen: 6.863 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009313.D
 Acq: 21 Mar 2019 04:06

Tgt Ion	Ratio	Lower	Upper
164	100		
129	82.4	66.5	123.5
131	86.4	62.6	116.3
166	107.9	91.6	170.0

