

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031619\
 Data File : VW009206.D
 Acq On : 16 Mar 2019 13:28
 Operator : SY/VA
 Sample : K1936-09
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0W6

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 10:03:20 AM

Quant Time: Mar 18 04:00:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 02:40:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	490490	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456390	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	228076	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	159731	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.00%
7) Chloroethane-d5	2.90	69	144375	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.20%
10) 1,1-Dichloroethene-d2	4.01	63	241642	19.07	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.28%
20) 2-Butanone-d5	7.07	46	91687	37.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.64%
24) Chloroform-d	7.64	84	308521	23.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	8.31	65	179877m	22.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.24%
29) Benzene-d6	8.27	84	600452	23.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.44%
33) 1,2-Dichloropropane-d6	9.27	67	177488	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	10.32	98	546497	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.92%
38) trans-1,3-Dichloropropene-	10.58	79	81778	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.16%
39) 2-Hexanone-d5	10.93	63	72157	39.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151166	20.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	201981	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	97774	14.213 ug/L	97
35) Trichloroethene	9.09	95	7635	1.147 ug/L	95
47) Tetrachloroethene	10.86	164	310266	55.166 ug/L	96

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

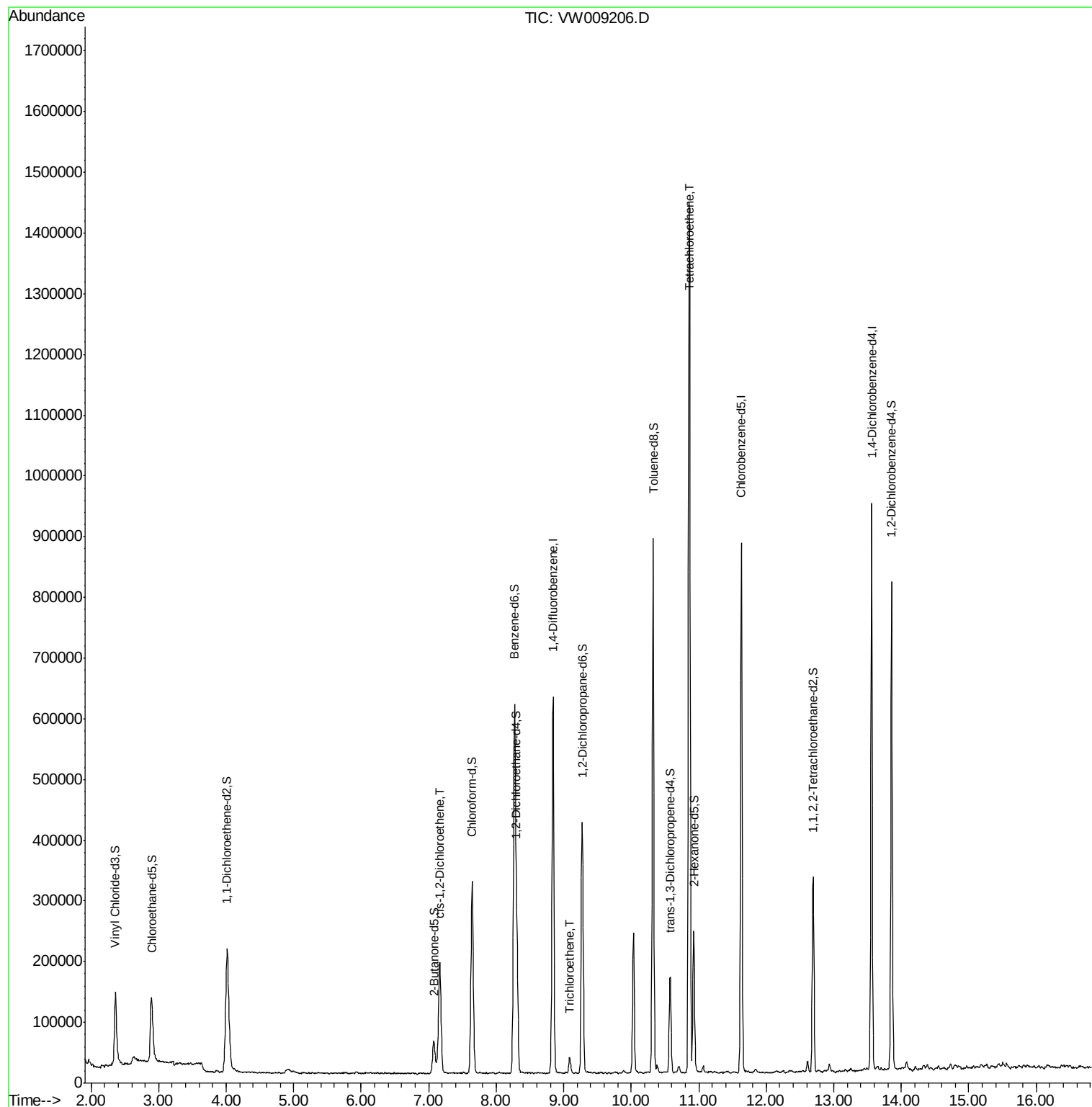
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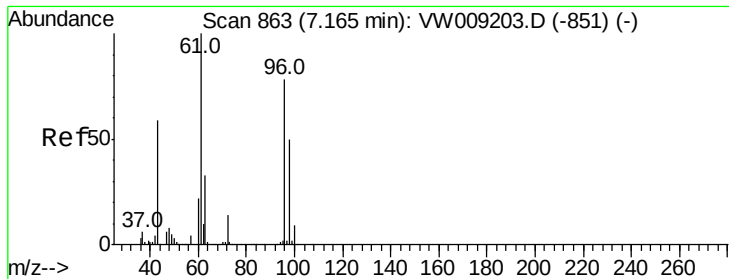
Instrument :
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#22

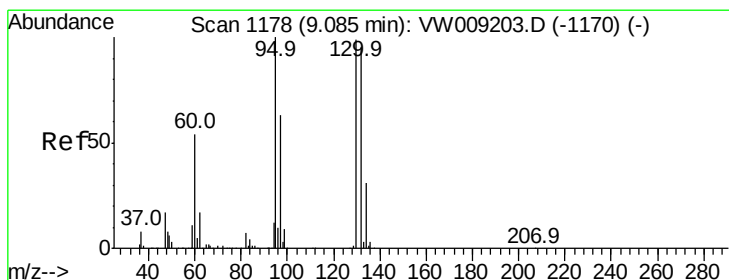
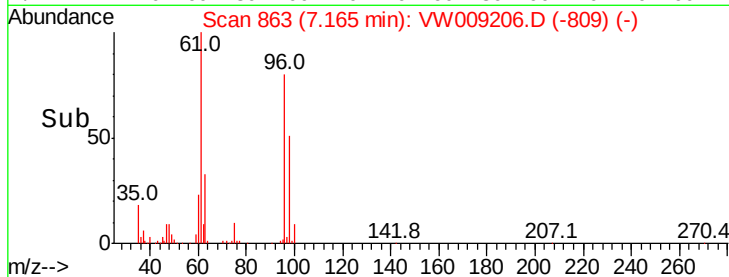
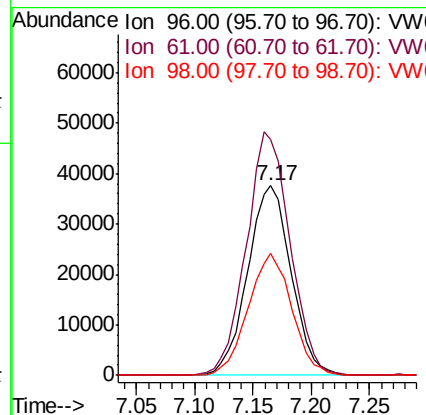
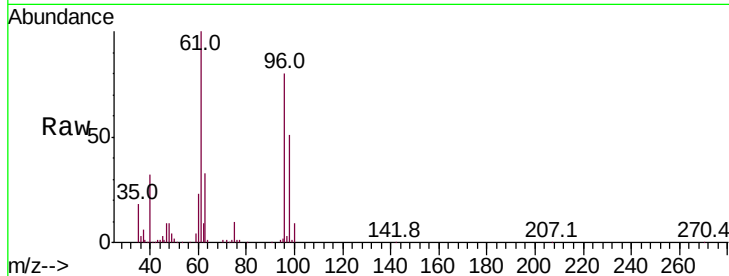
cis-1,2-Dichloroethene
Concen: 14.213 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009206.D
Acq: 16 Mar 2019 13:28

Instrument :
MSVOA_W
ClientSampleId :
BF0W6

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.5	90.6	168.3
98	64.1	44.0	81.8

Manual Integrations
APPROVED

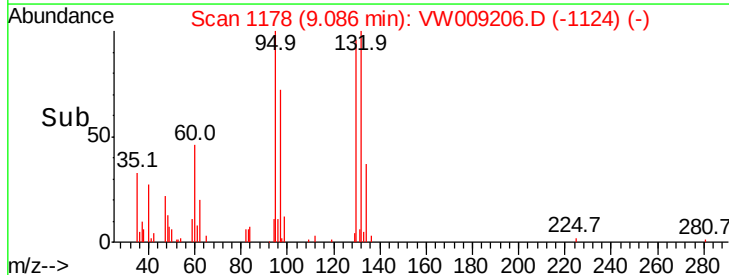
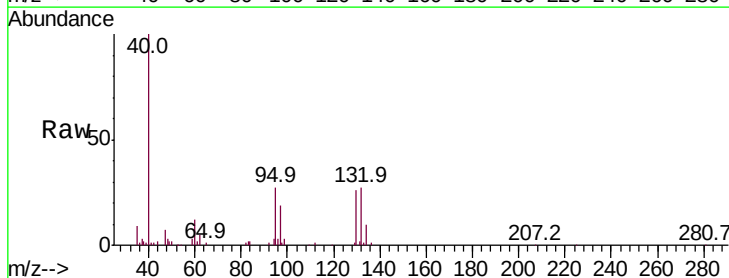
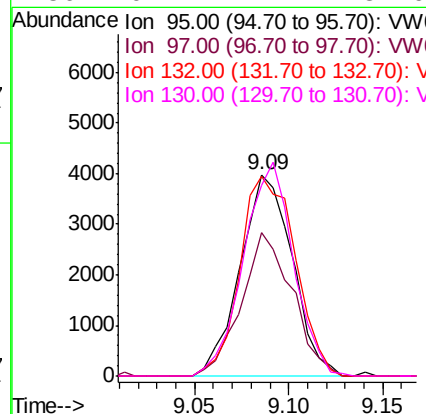
MMDadoda
3/19/2019 10:03:20 AM

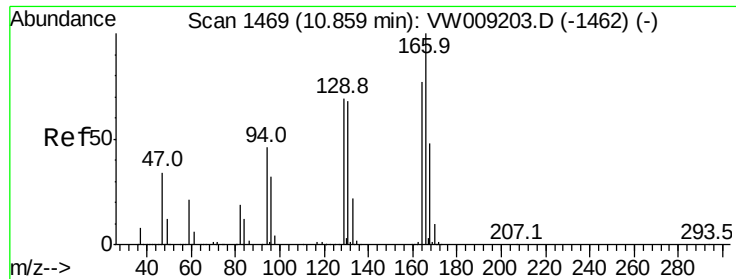


#35

Trichloroethene
Concen: 1.147 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VW009206.D
Acq: 16 Mar 2019 13:28

Tgt Ion	Ratio	Lower	Upper
95	100		
97	69.4	44.7	82.9
132	105.1	69.0	128.2
130	101.4	72.7	134.9





#47

Tetrachloroethene

Concen: 55.166 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009206.D

Acq: 16 Mar 2019 13:28

Instrument :

MSVOA_W

ClientSampleId :

BF0W6

Tot Ion:164 Resp: 310266

Ion Ratio Lower Upper

164 100

129 91.4 66.5 123.5

131 88.0 62.6 116.3

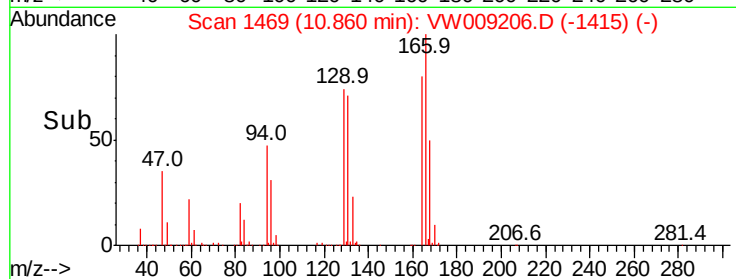
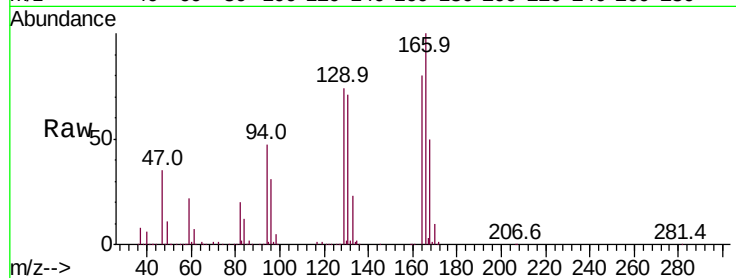
166 124.3 91.6 170.0

Manual Integrations

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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

