

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009750.D
 Acq On : 06 Apr 2019 02:03
 Operator : SY/VA
 Sample : K2277-10
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF173

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:50 AM

Quant Time: Apr 06 06:48:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	464150	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	443904	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187020	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	141975	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
7) Chloroethane-d5	2.89	69	132525	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.28%
10) 1,1-Dichloroethene-d2	4.02	63	245962m	18.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.32%
20) 2-Butanone-d5	7.08	46	94141	47.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.48%
24) Chloroform-d	7.65	84	334068	26.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.52%
26) 1,2-Dichloroethane-d4	8.30	65	208428	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.24%
29) Benzene-d6	8.27	84	631340	27.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.36%
33) 1,2-Dichloropropane-d6	9.27	67	195476	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.64%
37) Toluene-d8	10.32	98	561776	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.28%
38) trans-1,3-Dichloropropene-	10.58	79	82328	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.92	63	70723	52.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161794	24.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	188107	28.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.64%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.91	84	9001m	1.100	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	214841	31.331	ug/L	98
35) Trichloroethene	9.09	95	2028009	290.152	ug/L	99
47) Tetrachloroethene	10.86	164	1600427	290.730	ug/L	98

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

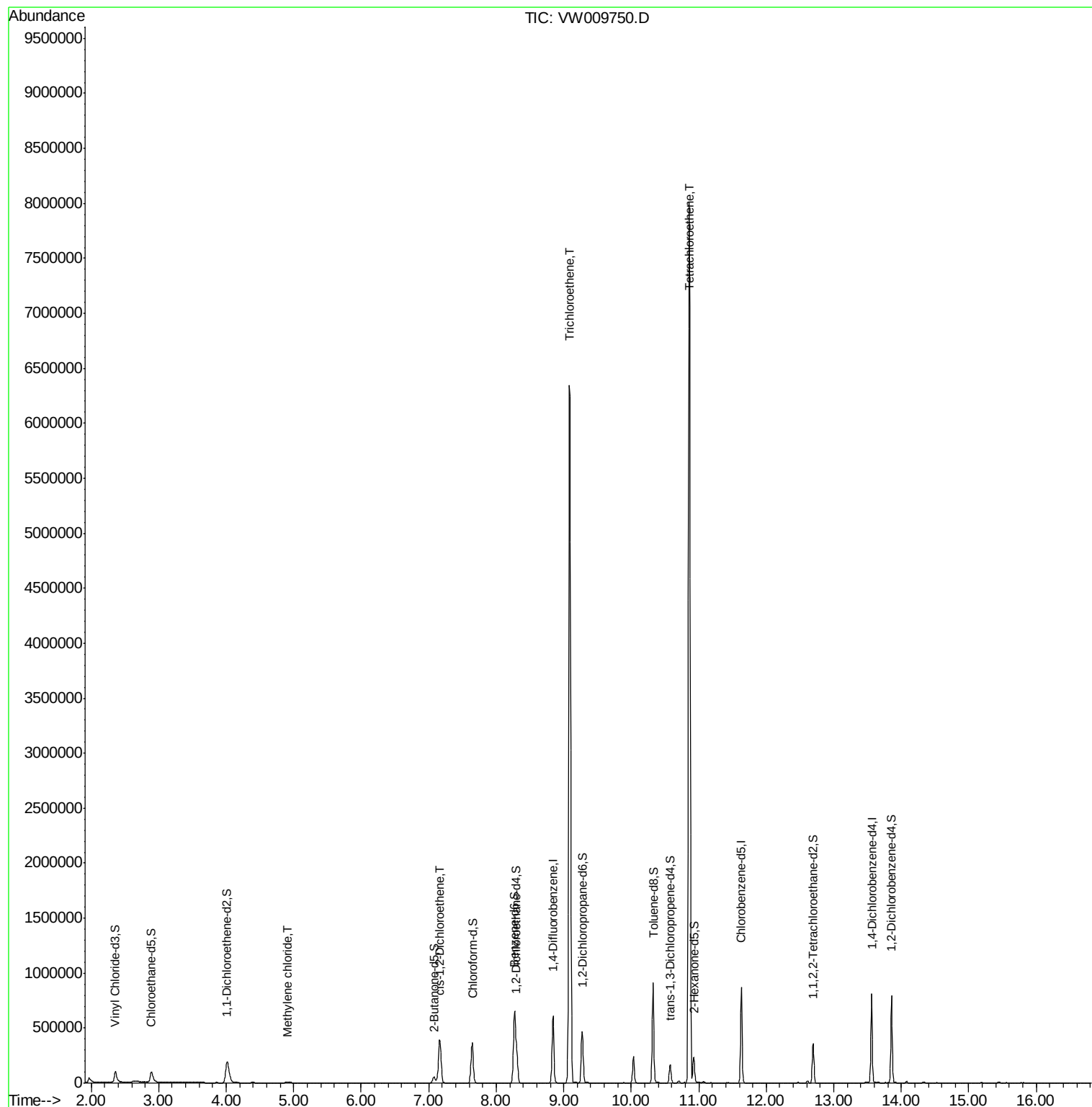
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
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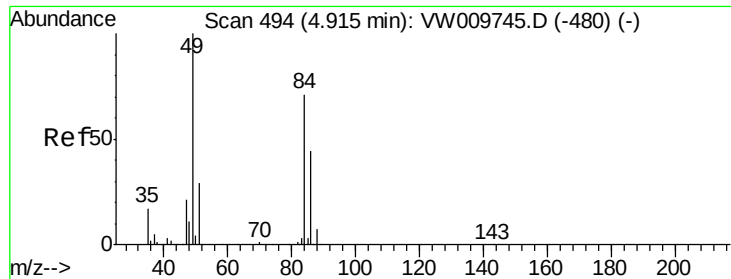
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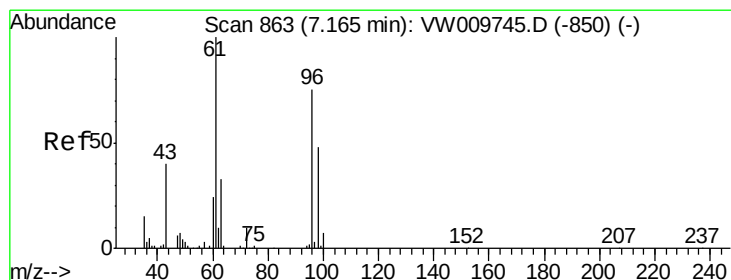
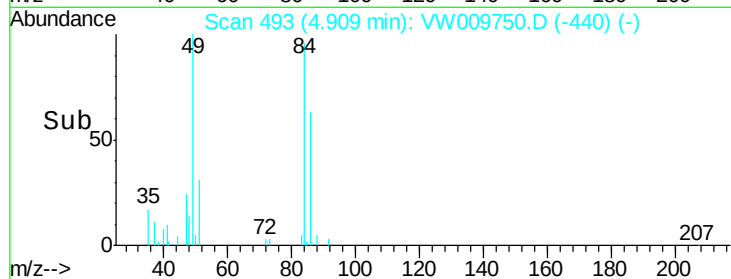
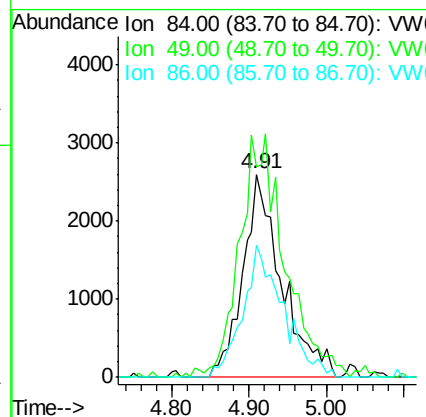
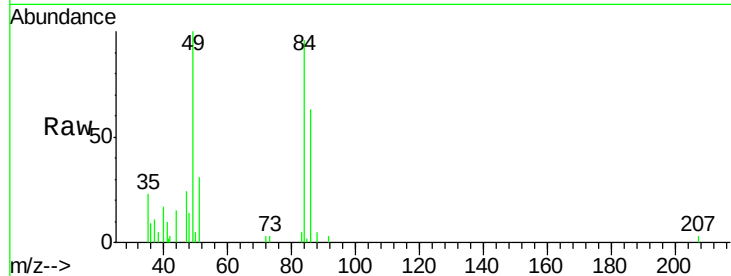
#16
Methylene chloride
Concen: 1.100 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009750.D
Acq: 06 Apr 2019 02:03

Instrument :
MSVOA_W
ClientSampled :
BF173

Tot Ion	Ratio	Lower	Upper
84	100		
49	103.8	98.3	182.5
86	65.5	46.4	86.2

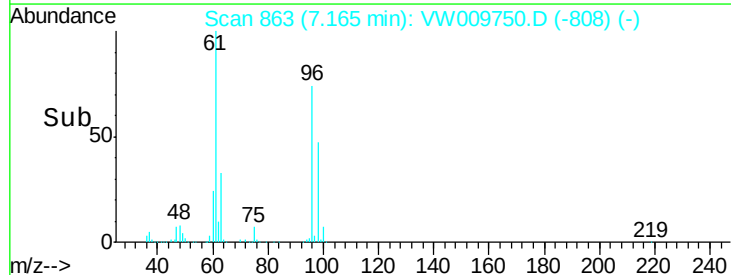
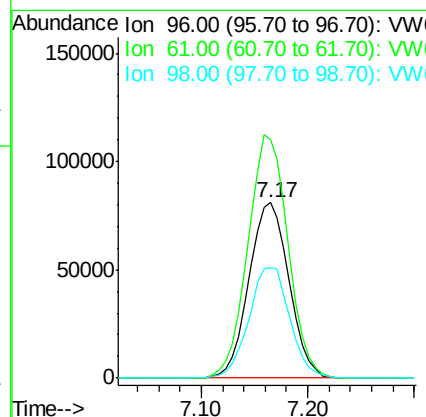
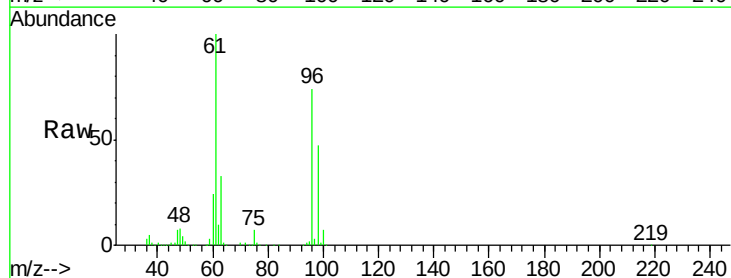
Manual Integrations
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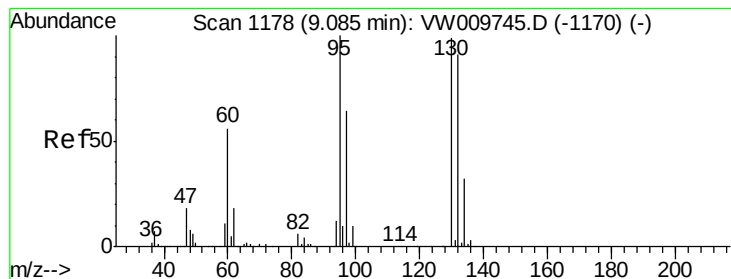
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4/11/2019 11:42:50 AM



#22
cis-1,2-Dichloroethene
Concen: 31.331 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.01 min
Lab File: VW009750.D
Acq: 06 Apr 2019 02:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.7	96.8	179.8
98	63.1	43.5	80.9





#35

Trichloroethene

Concen: 290.152 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009750.D

Acq: 06 Apr 2019 02:03

Instrument :

MSVOA_W

ClientSampleId :

BF173

Tot Ion: 95 Resp: 2028009

Ion Ratio Lower Upper

95 100

97 64.4 44.9 83.5

132 94.6 67.1 124.7

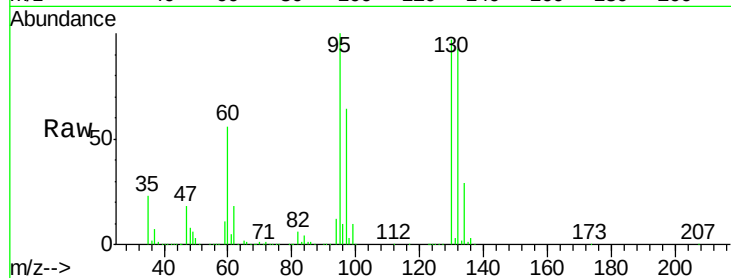
130 98.2 69.2 128.6

Manual Integrations

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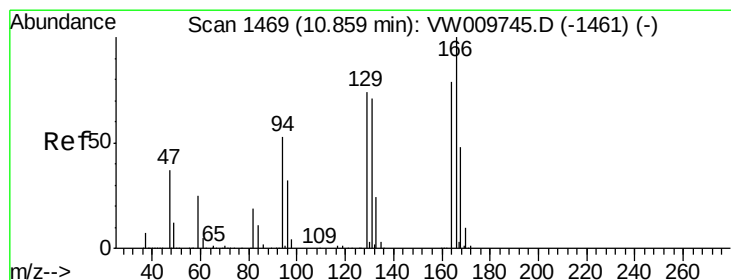
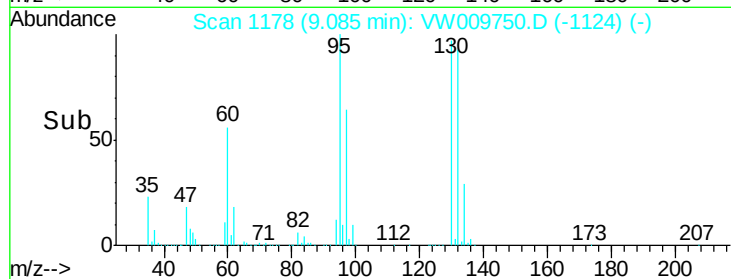
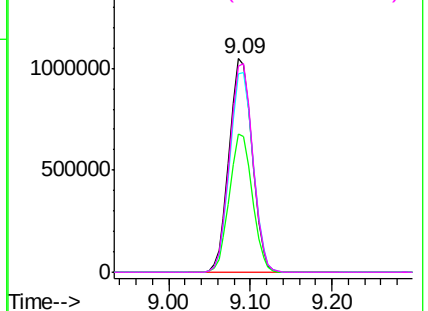
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 290.730 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009750.D

Acq: 06 Apr 2019 02:03

Tgt Ion: 164 Resp: 1600427

Ion Ratio Lower Upper

164 100

129 96.3 68.9 127.9

131 93.2 63.1 117.1

166 124.0 88.5 164.4

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

