

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016245.D
 Acq On : 18 Aug 2020 17:41
 Operator : SY/VA
 Sample : L3709-13
 Misc : 6.68G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ6

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:24:33 PM

Quant Time: Aug 19 07:09:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	349558	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289985	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	88540	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72496	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.92%
7) Chloroethane-d5	2.89	69	58074	17.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.60%
10) 1,1-Dichloroethene-d2	4.01	63	122863	13.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.40%
20) 2-Butanone-d5	7.08	46	44465	38.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.98%
24) Chloroform-d	7.65	84	188961	20.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.56%
26) 1,2-Dichloroethane-d4	8.31	65	98169	19.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.80%
29) Benzene-d6	8.27	84	355580	22.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.16%
33) 1,2-Dichloropropane-d6	9.27	67	109848	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.72%
37) Toluene-d8	10.33	98	307503	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.00%
38) trans-1,3-Dichloropropene-	10.58	79	44142	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.68%
39) 2-Hexanone-d5	10.93	63	38961	48.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88568	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	73857	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%

Target Compounds

					Ovalue
16) Methylene chloride	4.92	84	21285	3.856 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	5231m	1.051 ug/L	
35) Trichloroethene	9.09	95	21163	4.707 ug/L	97
47) Tetrachloroethene	10.87	164	5948282	1764.589 ug/L	96

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

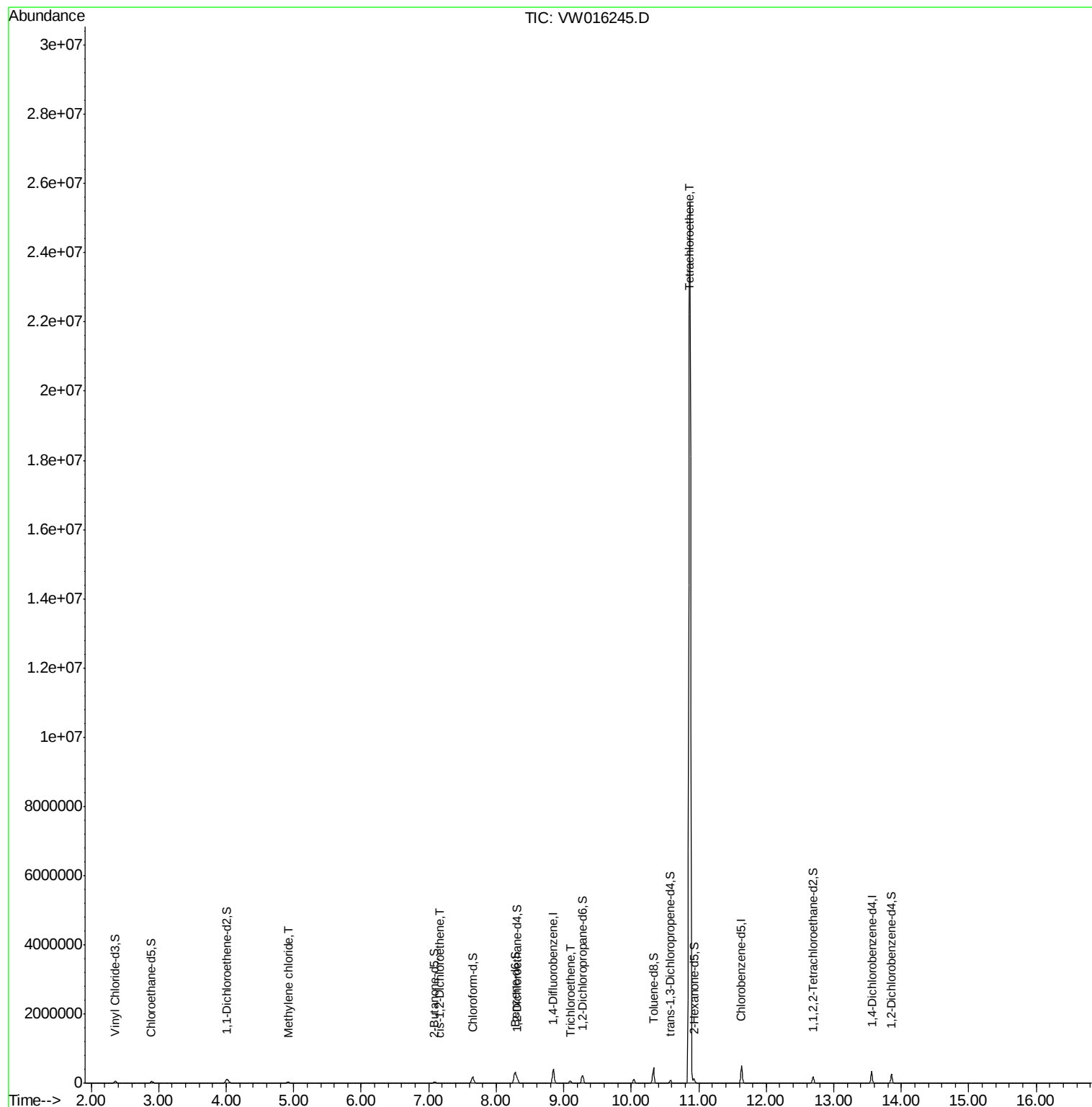
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081820\
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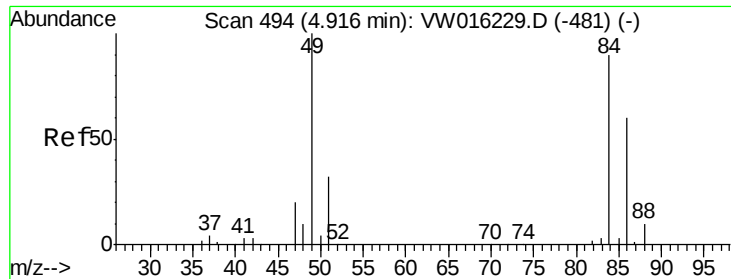
Instrument :
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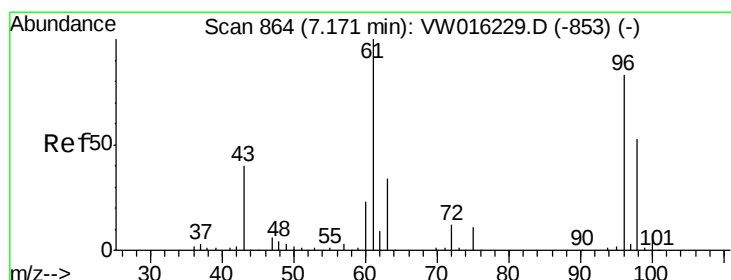
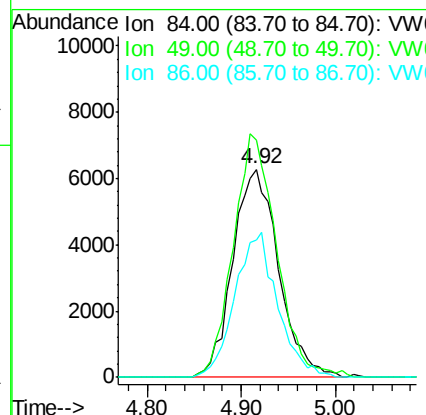
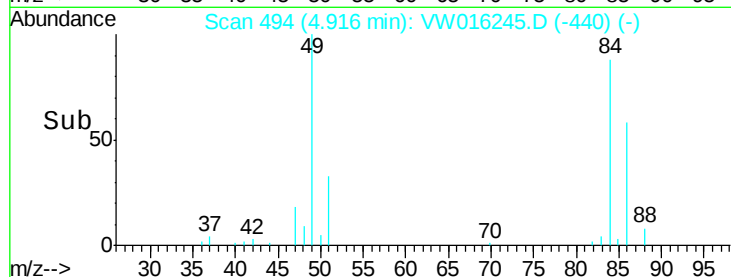
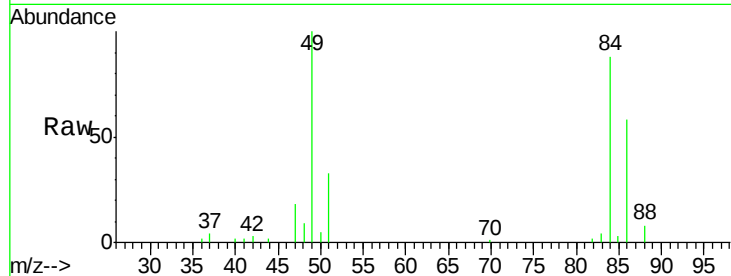
#16
Methylene chloride
Concen: 3.856 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016245.D
Acq: 18 Aug 2020 17:41

Instrument :
MSVOA_W
ClientSampled :
BFWQ6

Tot Ion	Ratio	Lower	Upper
84	100		
49	114.2	80.4	149.4
86	66.2	43.8	81.3

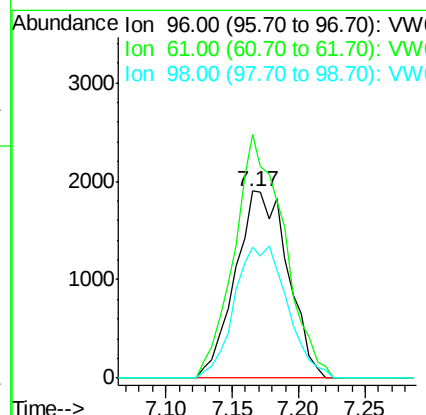
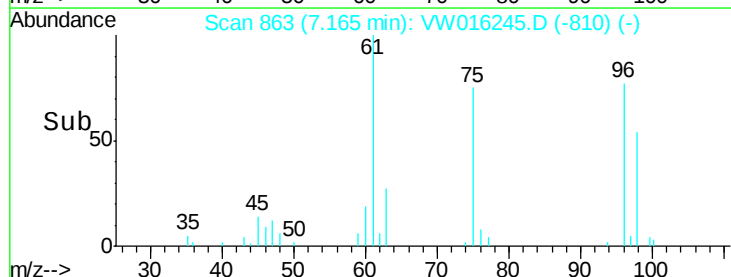
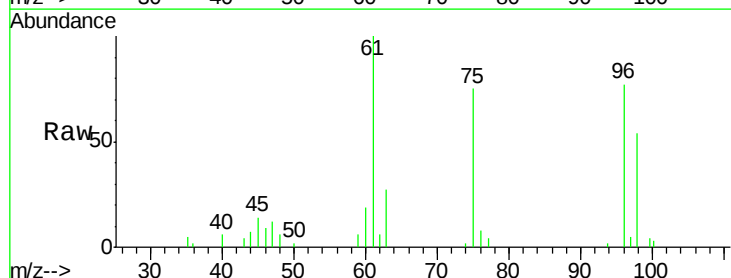
Manual Integrations
APPROVED

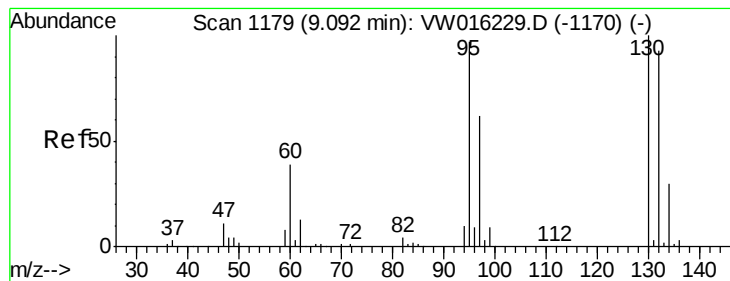
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#22
cis-1,2-Dichloroethene
Concen: 1.051 ug/L m
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW016245.D
Acq: 18 Aug 2020 17:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.1	87.0	161.6
98	70.3	44.0	81.6





#35

Trichloroethene

Concen: 4.707 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW016245.D

Acq: 18 Aug 2020 17:41

Instrument :

MSVOA_W

ClientSampleId :

BFWQ6

Tot Ion: 95 Resp: 21163

Ion Ratio Lower Upper

95 100

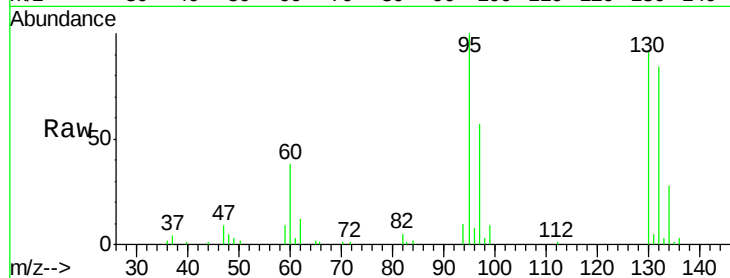
97 62.4 44.9 83.3

132 96.5 65.8 122.2

130 102.8 69.5 129.1

Manual Integrations
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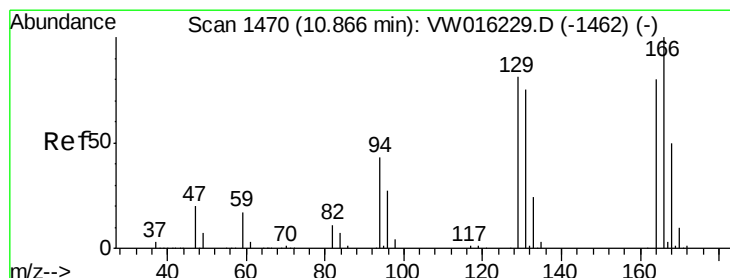
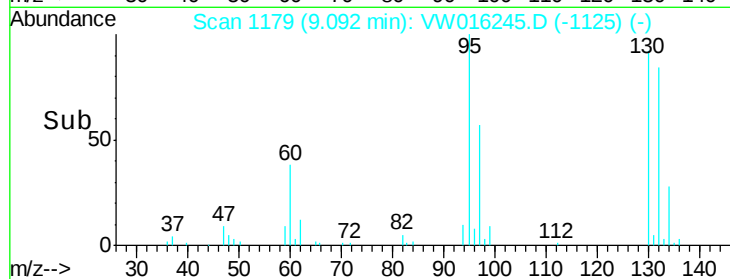
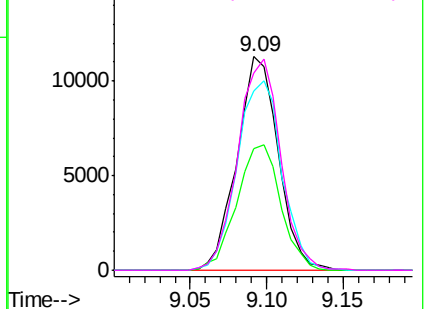


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#47

Tetrachloroethene

Concen: 1764.589 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016245.D

Acq: 18 Aug 2020 17:41

Tgt Ion: 164 Resp: 5948282

Ion Ratio Lower Upper

164 100

129 99.8 71.5 132.9

131 104.2 65.4 121.4

166 123.8 86.9 161.5

Abundance Ion 164.00 (163.70 to 164.70): VW

Ion 129.00 (128.70 to 129.70): VW

Ion 131.00 (130.70 to 131.70): VW

Ion 166.00 (165.70 to 166.70): VW

