

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101520\
 Data File : VW016903.D
 Acq On : 14 Oct 2020 14:28
 Operator : SY/VA
 Sample : VIBLK12
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK12

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 10:59:13 AM

Quant Time: Oct 15 09:23:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 08:29:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	557731	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	499461	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	251253	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119986	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
7) Chloroethane-d5	2.90	69	108779	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.28%
10) 1,1-Dichloroethene-d2	4.03	63	200645	17.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.68%
20) 2-Butanone-d5	7.09	46	75523	60.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.20%
24) Chloroform-d	7.65	84	296084	25.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	8.31	65	160572	28.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.00%
29) Benzene-d6	8.27	84	589753	26.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.00%
33) 1,2-Dichloropropane-d6	9.27	67	163051	26.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.00%
37) Toluene-d8	10.32	98	558666	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.40%
38) trans-1,3-Dichloropropene-	10.58	79	79207	29.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.84%
39) 2-Hexanone-d5	10.93	63	63056	66.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147095	29.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	219023	27.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.92%

Target Compounds					Ovalue
13) Acetone	4.16	43	2102m	2.229 ug/L	
16) Methylene chloride	4.93	84	10109	1.313 ug/L	94
47) Tetrachloroethene	10.87	164	1432226	203.620 ug/L	96

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

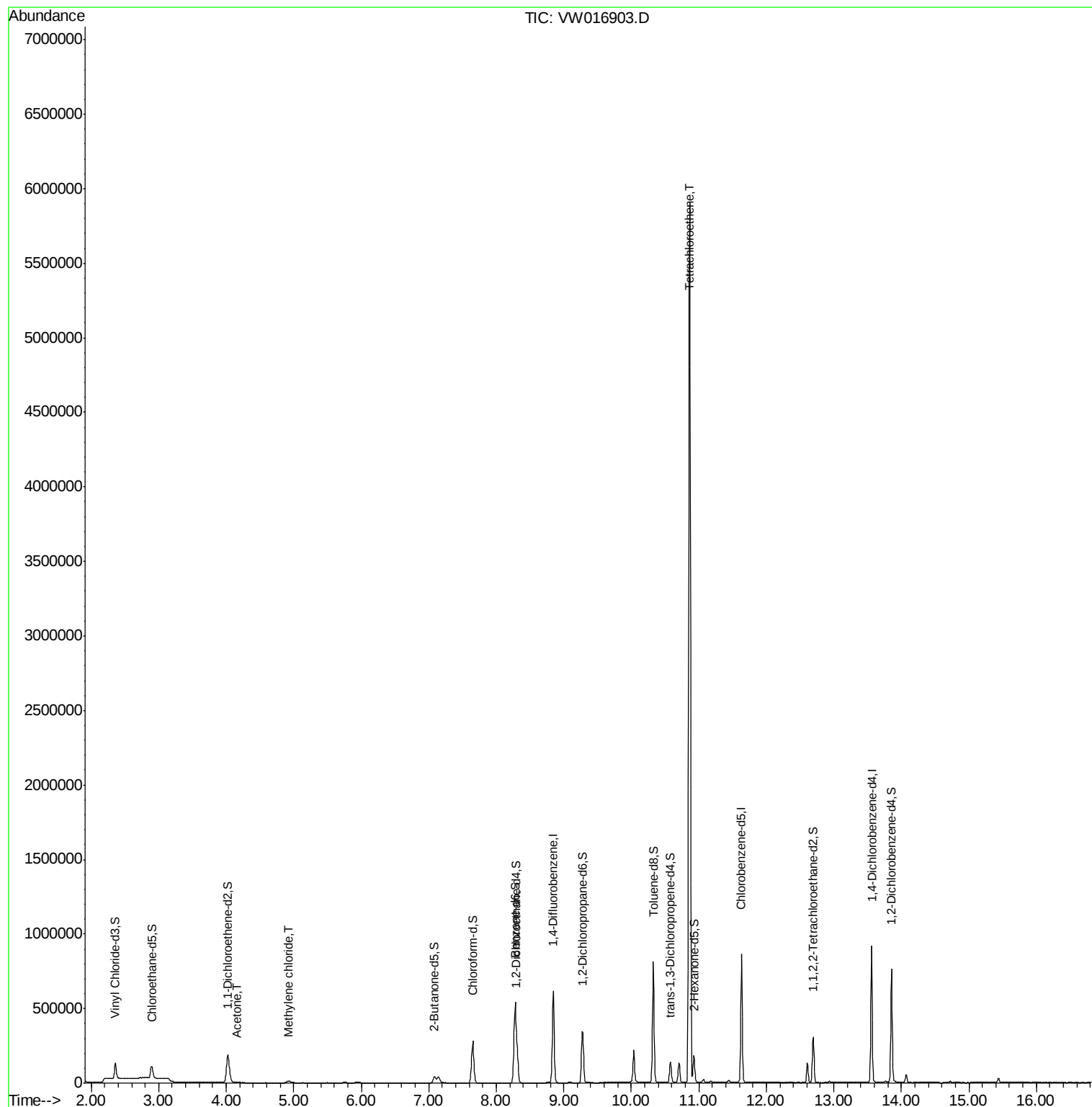
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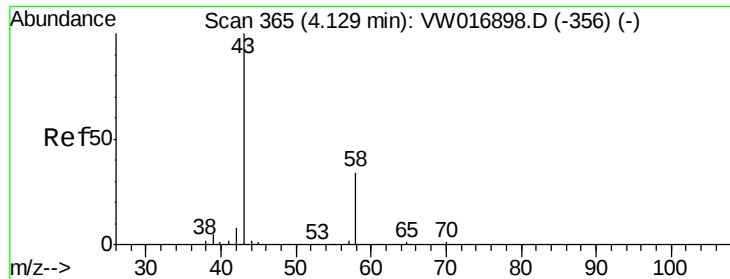
Instrument :
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#13

Acetone

Concen: 2.229 ug/L m

RT: 4.16 min Scan# 370

Delta R.T. 0.03 min

Lab File: VW016903.D

Acq: 14 Oct 2020 14:28

Instrument :

MSVOA_W

ClientSampleId :

VIBLK12

Tot Ion: 43 Resp: 2102

Ion Ratio Lower Upper

43 100

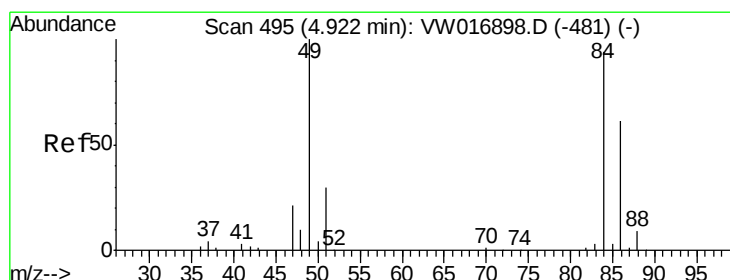
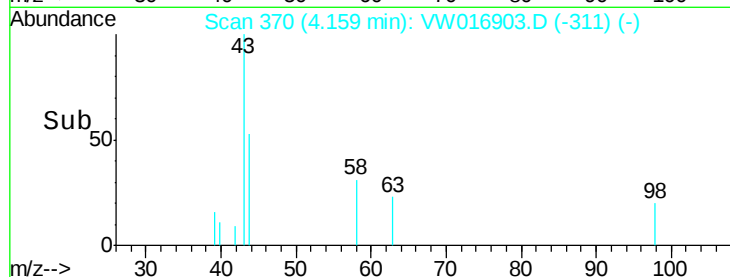
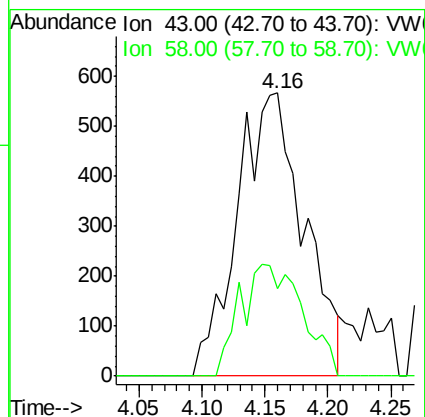
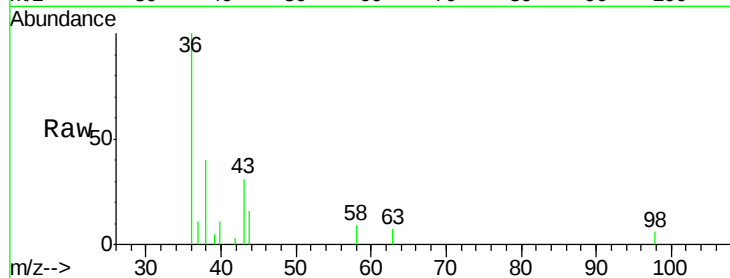
58 7.6 0.0 67.6

Manual Integrations

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#16

Methylene chloride

Concen: 1.313 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016903.D

Acq: 14 Oct 2020 14:28

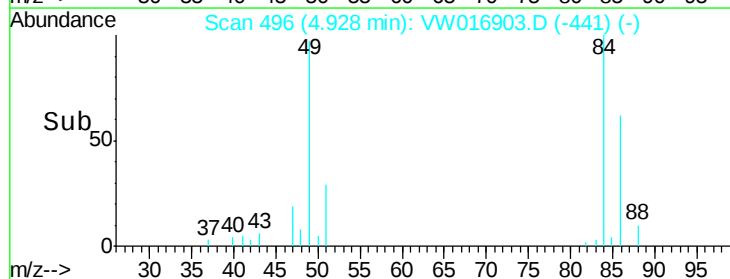
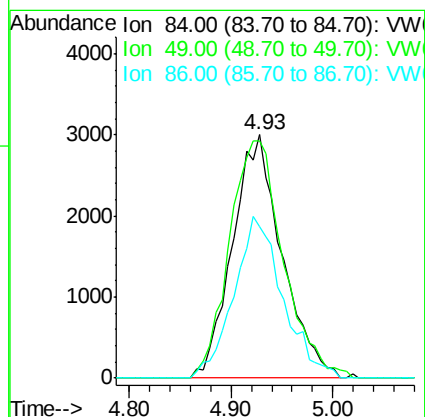
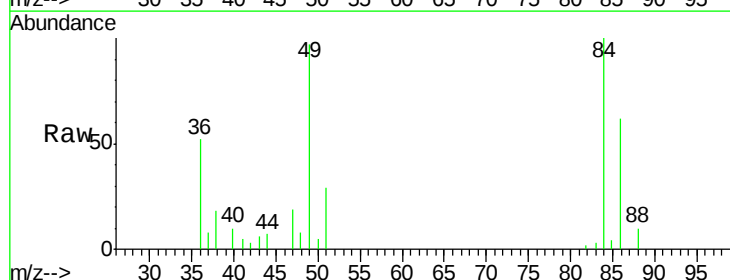
Tgt Ion: 84 Resp: 10109

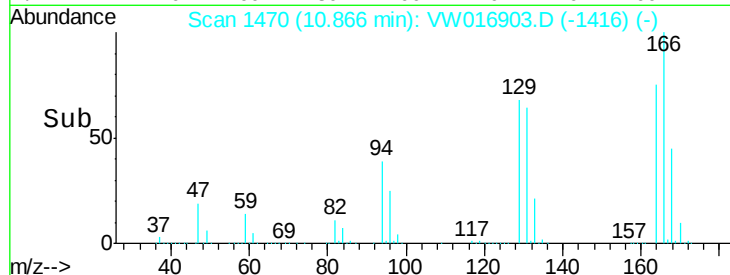
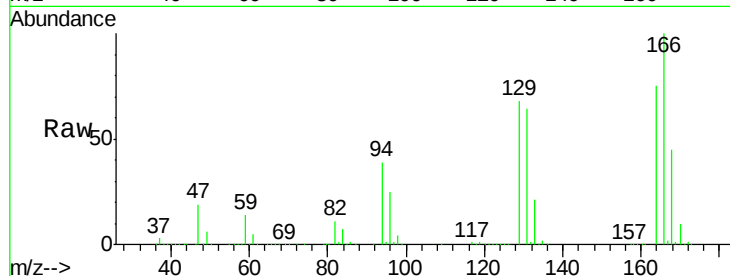
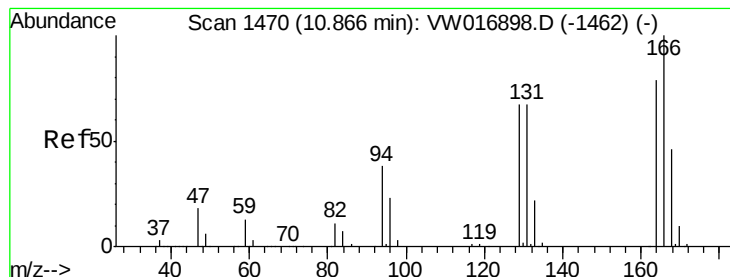
Ion Ratio Lower Upper

84 100

49 97.4 73.1 135.8

86 62.1 46.0 85.4





#47

Tetrachloroethene

Concen: 203.620 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016903.D

Acq: 14 Oct 2020 14:28

Tot Ion:164 Resp: 1432226

Ion Ratio Lower Upper

164 100

129 91.3 61.7 114.7

131 86.0 59.7 110.9

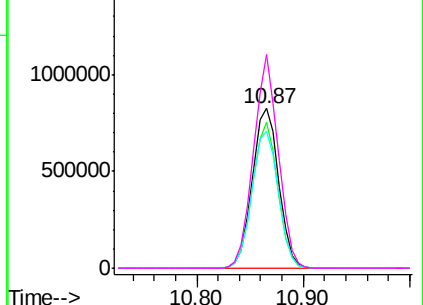
166 133.7 88.3 164.1

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



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