

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017878.D
 Acq On : 14 Jan 2021 14:30
 Operator : SY/VA
 Sample : M1132-06
 Misc : 5.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A05

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 6:29:10 PM

Quant Time: Jan 14 23:45:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	313945	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	278605	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	110291	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126805	26.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.40%
7) Chloroethane-d5	2.89	69	109405	27.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.16%
10) 1,1-Dichloroethene-d2	4.02	63	166532	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.72%
20) 2-Butanone-d5	7.09	46	47036	59.74	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.48%
24) Chloroform-d	7.65	84	220896	26.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.72%
26) 1,2-Dichloroethane-d4	8.31	65	125270	29.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.00%
29) Benzene-d6	8.27	84	422429	26.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.68%
33) 1,2-Dichloropropane-d6	9.27	67	122920	28.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.64%
37) Toluene-d8	10.32	98	374976	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.52%
38) trans-1,3-Dichloropropene-	10.58	79	46037	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	10.93	63	31930	58.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89799	27.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	99252	25.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.36%

Target Compounds					Ovalue
13) Acetone	4.15	43	2527	3.717 ug/L	51
16) Methylene chloride	4.93	84	10664m	2.375 ug/L	
47) Tetrachloroethene	10.86	164	138122	40.066 ug/L	96

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

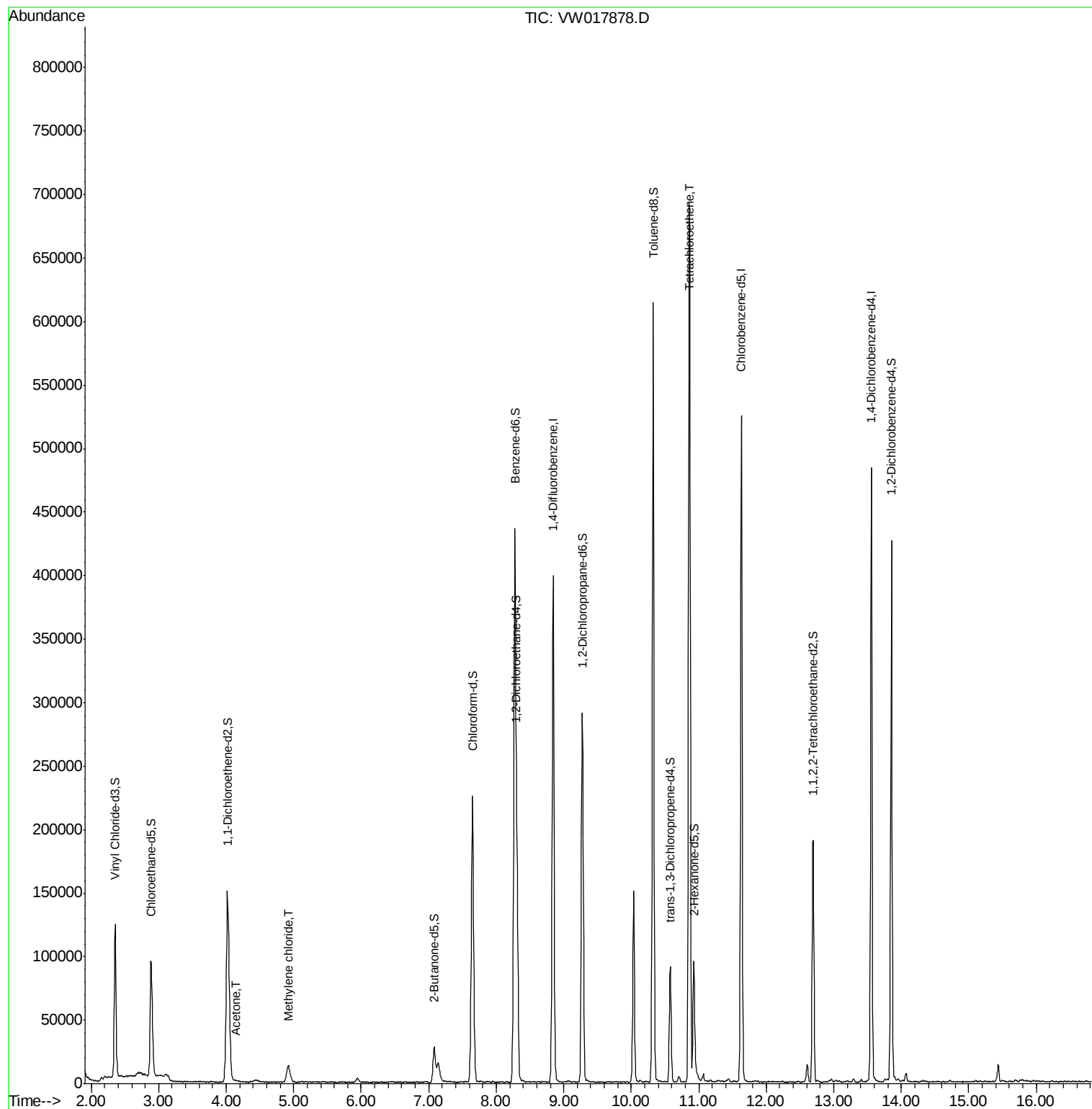
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011421\
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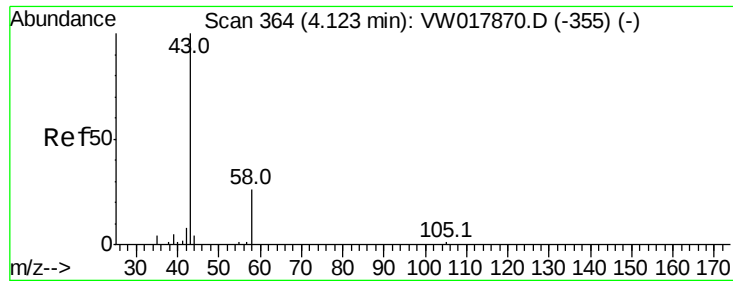
Instrument :
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QLast Update : Thu Jan 14 21:44:45 2021
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#13

Acetone

Concen: 3.717 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017878.D

Acq: 14 Jan 2021 14:30

Instrument :

MSVOA_W

ClientSampled :

F1A05

Tot Ion: 43 Resp: 2527

Ion Ratio Lower Upper

43 100

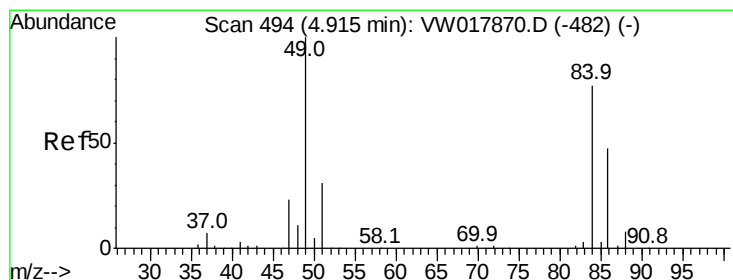
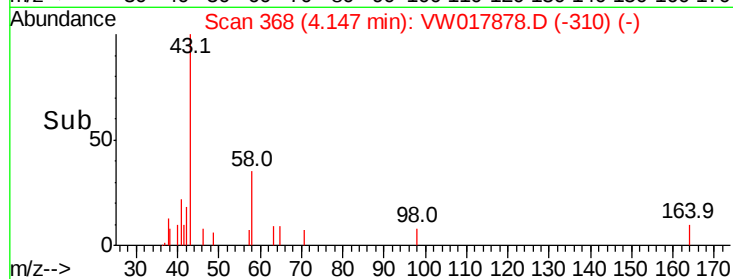
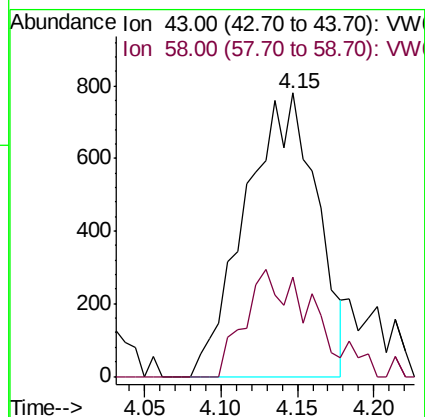
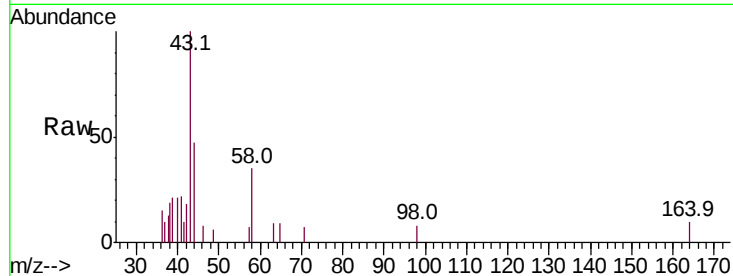
58 3.8 0.0 60.8

Manual Integrations

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#16

Methylene chloride

Concen: 2.375 ug/L m

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017878.D

Acq: 14 Jan 2021 14:30

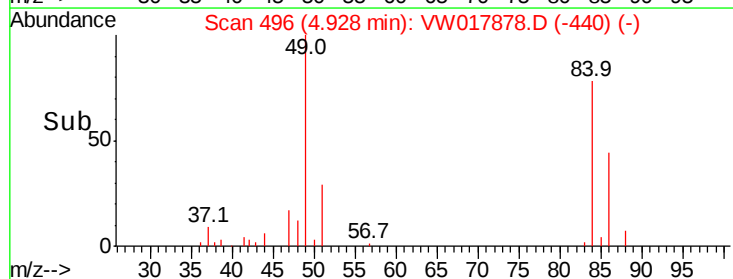
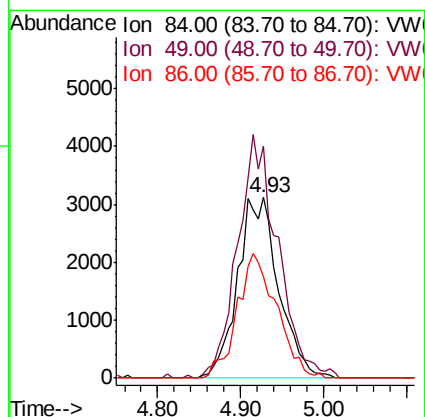
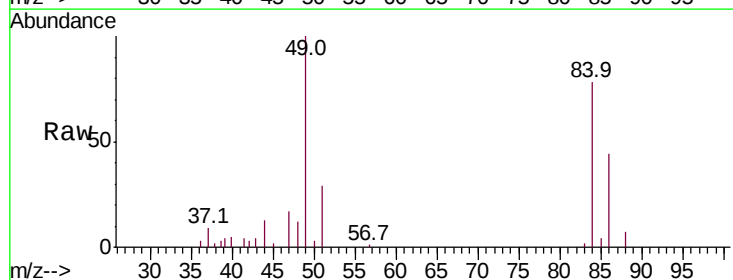
Tgt Ion: 84 Resp: 10664

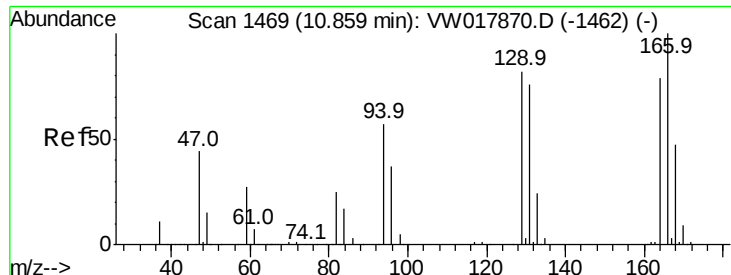
Ion Ratio Lower Upper

84 100

49 128.6 90.5 168.1

86 56.3 44.8 83.2





#47

Tetrachloroethene

Concen: 40.066 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW017878.D

Acq: 14 Jan 2021 14:30

Instrument :

MSVOA_W

ClientSampleId :

F1A05

Tot Ion:164 Resp: 138122

Ion Ratio Lower Upper

164 100

129 99.1 62.9 116.9

131 91.7 63.8 118.6

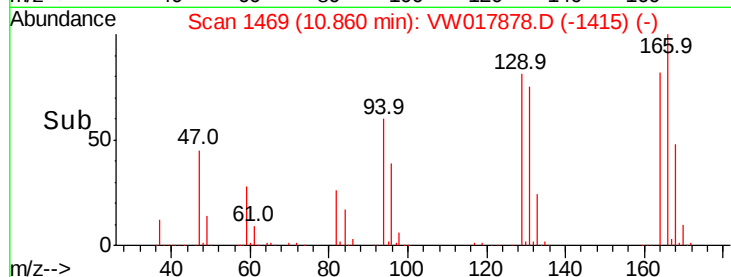
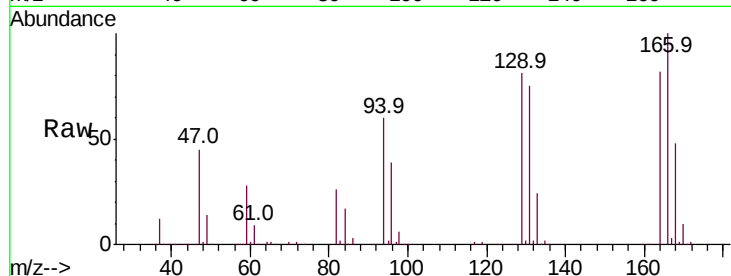
166 122.4 87.4 162.2

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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

150000

100000

50000

0

10.86

Time-->