

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016832.D
 Acq On : 07 Oct 2020 14:04
 Operator : SY/VA
 Sample : L4209-11
 Misc : 5.17G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLWW2

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 1:55:24 PM

Quant Time: Oct 08 09:12:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	570980	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	504240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	154904	27.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.00%
7) Chloroethane-d5	2.89	69	125861	26.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.56%
10) 1,1-Dichloroethene-d2	4.02	63	220904	18.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.88%
20) 2-Butanone-d5	7.09	46	50731	39.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.52%
24) Chloroform-d	7.65	84	302055	25.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.28%
26) 1,2-Dichloroethane-d4	8.30	65	148041	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.76%
29) Benzene-d6	8.27	84	625840	27.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.32%
33) 1,2-Dichloropropane-d6	9.27	67	167417	27.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.80%
37) Toluene-d8	10.32	98	580391	26.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.44%
38) trans-1,3-Dichloropropene-	10.58	79	66511	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.00%
39) 2-Hexanone-d5	10.93	63	42743	44.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112922	22.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	185947	25.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.16%

Target Compounds					Ovalue
13) Acetone	4.15	43	2314m	2.397 ug/L	
16) Methylene chloride	4.92	84	12388	1.572 ug/L	93
47) Tetrachloroethene	10.87	164	461788	65.030 ug/L	97

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

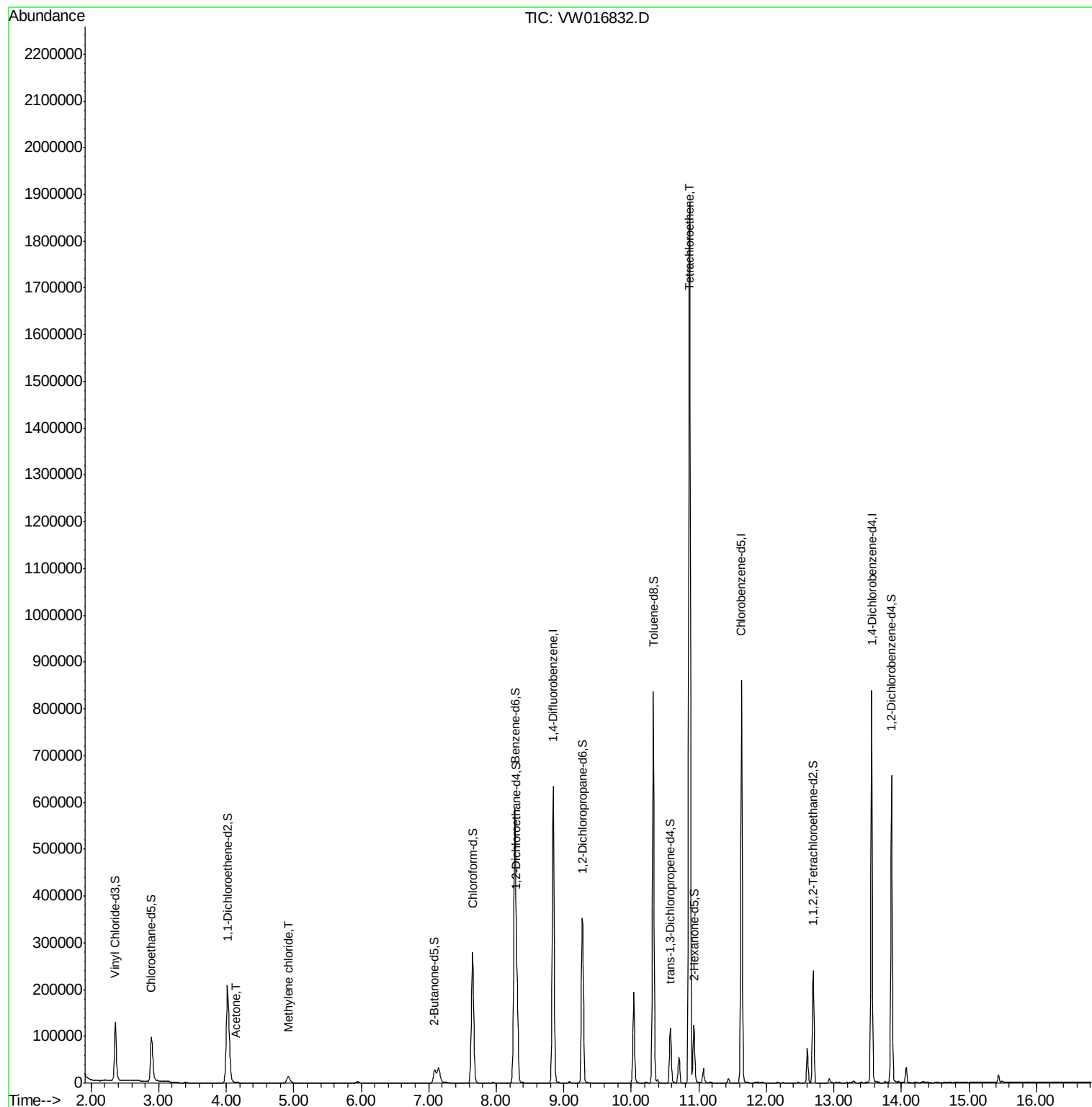
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100820\
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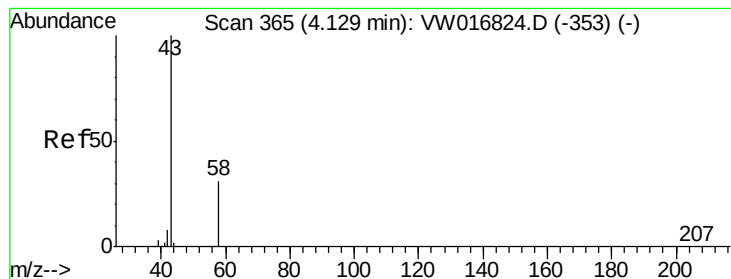
Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.397 ug/L m

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016832.D

Acq: 07 Oct 2020 14:04

Instrument :

MSVOA_W

ClientSampleId :

JLWW2

Tot Ion: 43 Resp: 2314

Ion Ratio Lower Upper

43 100

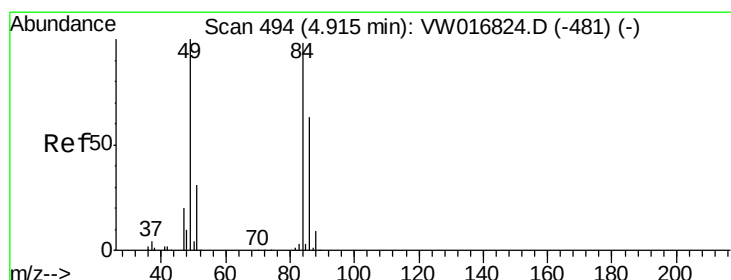
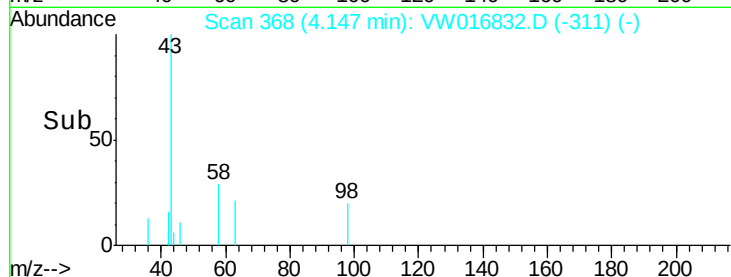
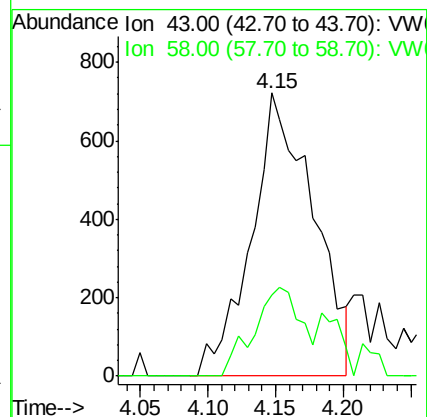
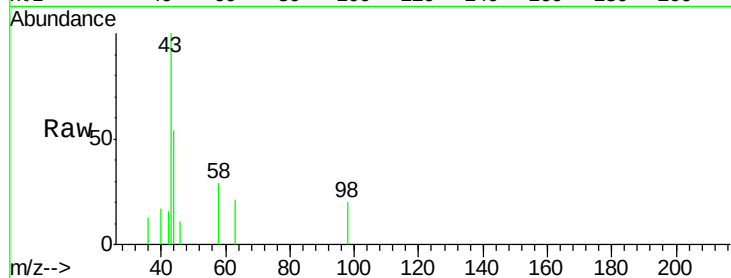
58 20.4 0.0 67.6

Manual Integrations

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10/12/2020 1:55:24 PM



#16

Methylene chloride

Concen: 1.572 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016832.D

Acq: 07 Oct 2020 14:04

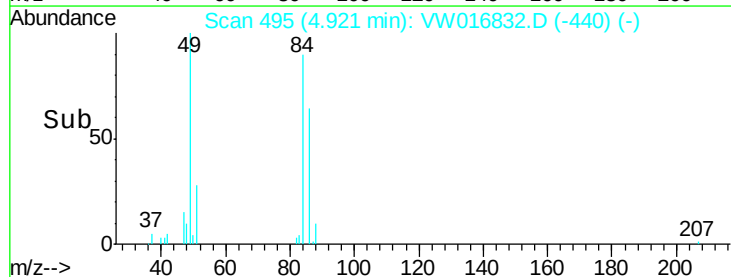
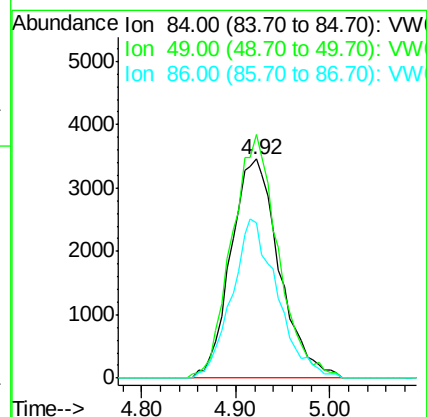
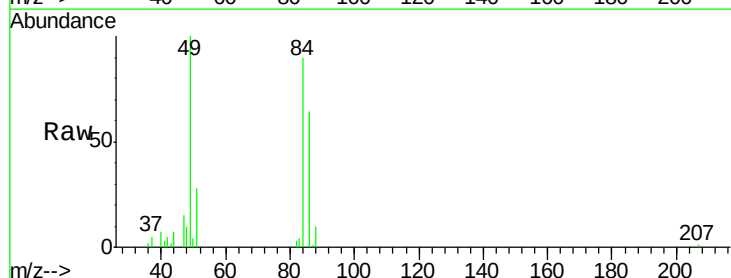
Tgt Ion: 84 Resp: 12388

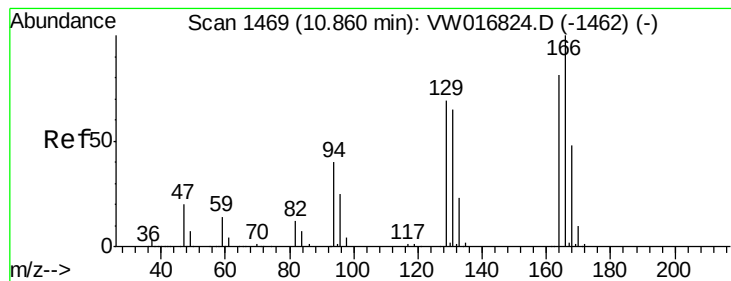
Ion Ratio Lower Upper

84 100

49 111.3 73.1 135.8

86 71.1 46.0 85.4





#47

Tetrachloroethene

Concen: 65.030 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016832.D

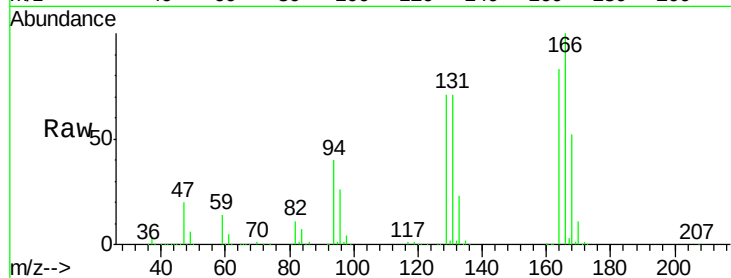
Acq: 07 Oct 2020 14:04

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Tot Ion:164 Resp: 461788

Ion Ratio Lower Upper

164 100

129 85.9 61.7 114.7

131 86.1 59.7 110.9

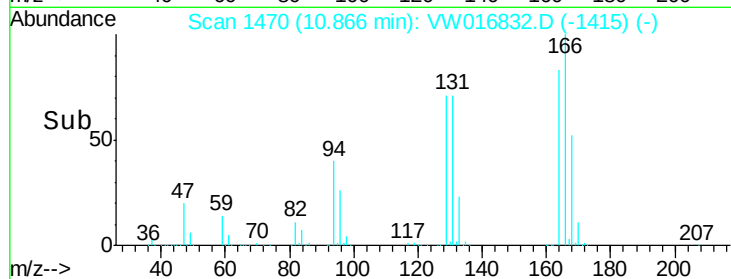
166 121.0 88.3 164.1

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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

