

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013790.D
 Acq On : 29 Oct 2019 13:50
 Operator : SY/VA
 Sample : K5552-05
 Misc : 7.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ78

Quant Time: Oct 30 06:30:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 06:58:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	253997	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	216089	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	76296	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89038	28.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.28%
7) Chloroethane-d5	2.89	69	70342	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.72%
10) 1,1-Dichloroethene-d2	4.02	63	130935	19.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.08%
20) 2-Butanone-d5	7.07	46	79332	71.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.36%#
24) Chloroform-d	7.65	84	186014	26.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.68%
26) 1,2-Dichloroethane-d4	8.31	65	112048	30.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.60%
29) Benzene-d6	8.27	84	378575	29.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.64%
33) 1,2-Dichloropropane-d6	9.27	67	122492	31.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.36%#
37) Toluene-d8	10.32	98	325499	27.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.72%
38) trans-1,3-Dichloropropene-	10.58	79	54626	31.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	124.92%
39) 2-Hexanone-d5	10.93	63	64922	87.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	175.18%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109206	34.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	67115	24.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.56%

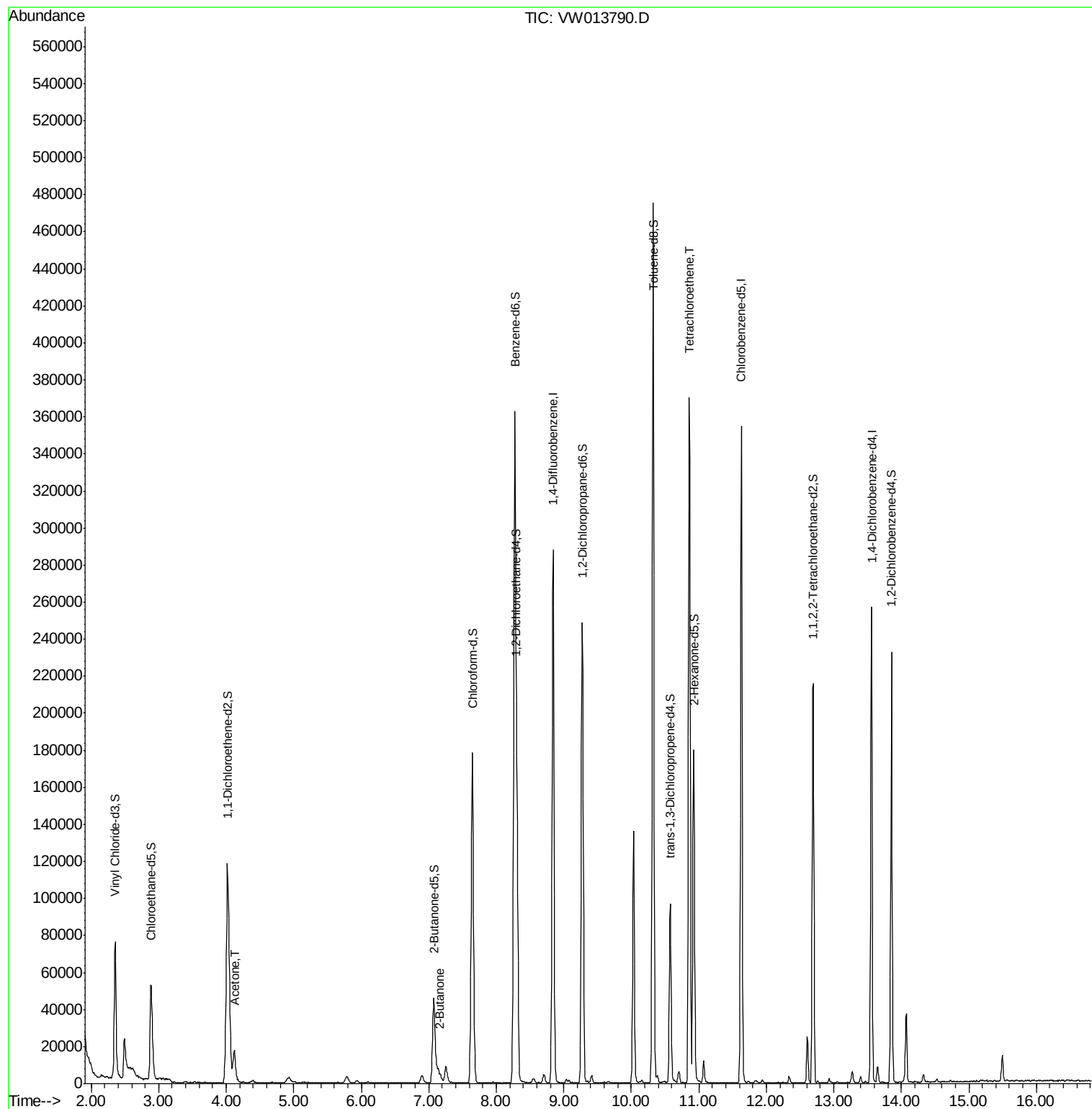
Target Compounds					Ovalue
13) Acetone	4.12	43	29004	23.446 ug/L	96
21) 2-Butanone	7.17	43	5129	3.265 ug/L	88
47) Tetrachloroethene	10.86	164	94812	26.038 ug/L	96

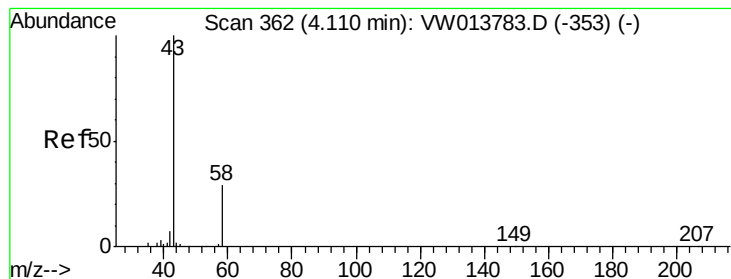
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.446 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 29 Oct 2019 13:50

Instrument :

MSVOA_W

ClientSampled :

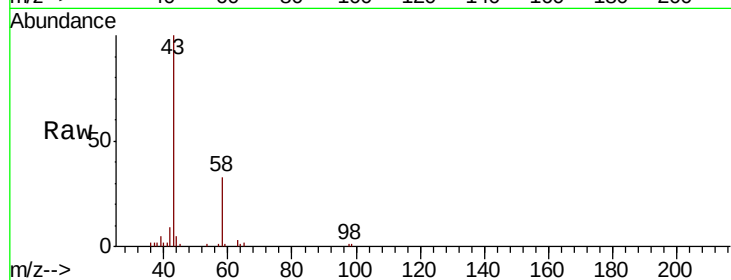
GAQ78

Tot Ion: 43 Resp: 29004

Ion Ratio Lower Upper

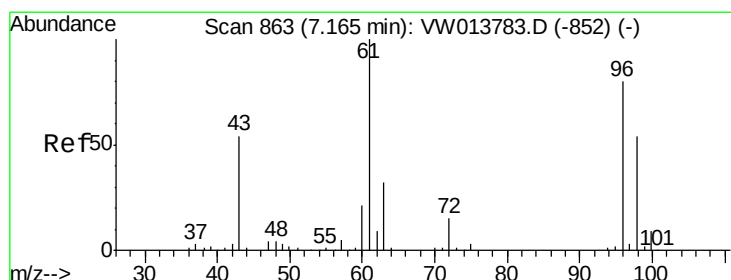
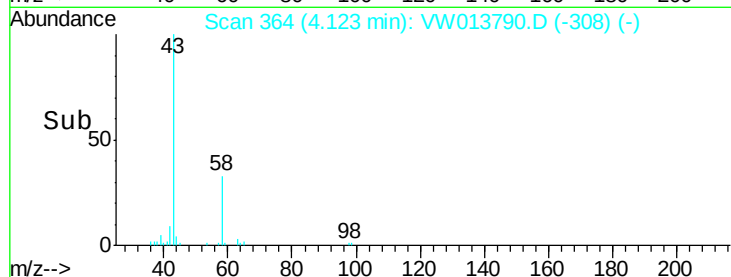
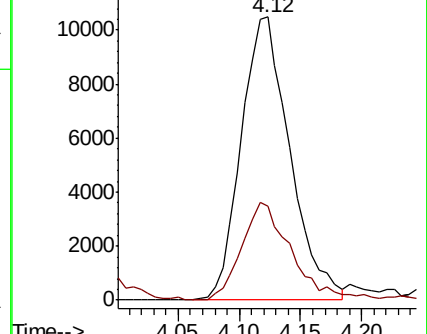
43 100

58 32.9 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 3.265 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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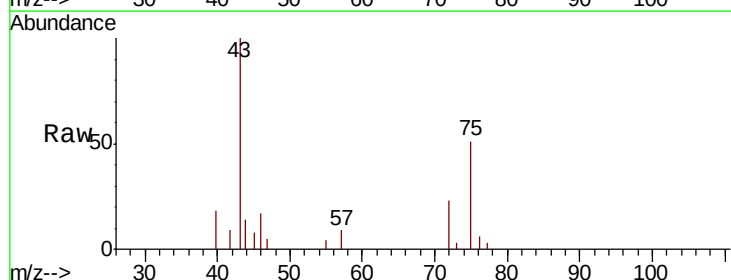
Acq: 29 Oct 2019 13:50

Tgt Ion: 43 Resp: 5129

Ion Ratio Lower Upper

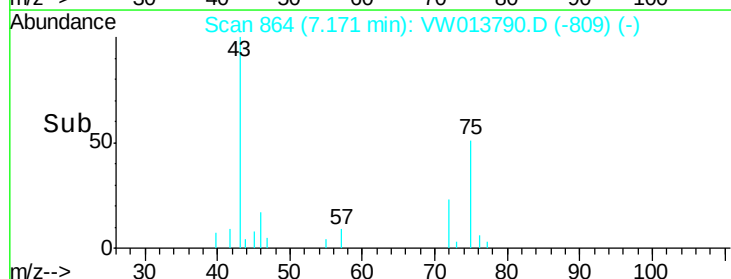
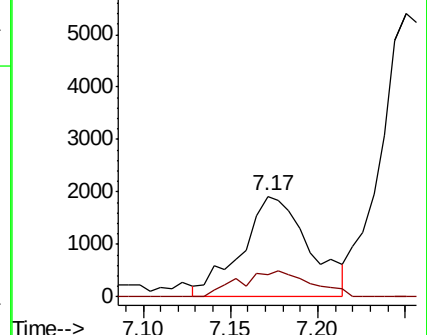
43 100

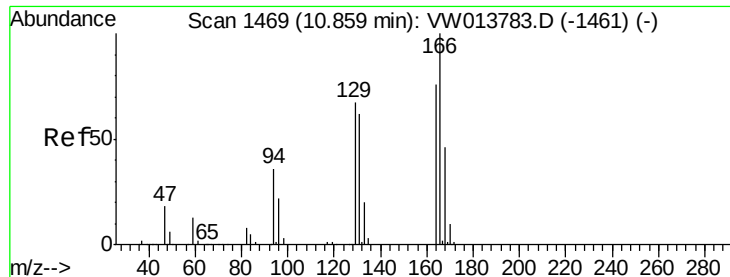
72 20.9 13.7 41.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#47

Tetrachloroethene

Concen: 26.038 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013790.D

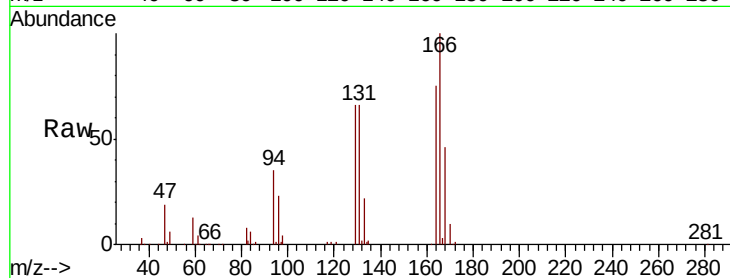
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Tot Ion:164 Resp: 94812

Ion Ratio Lower Upper

164 100

129 88.6 61.8 114.8

131 88.5 59.2 110.0

166 133.9 89.2 165.8

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

