

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
 Data File : VW013837.D
 Acq On : 30 Oct 2019 15:04
 Operator : SY/VA
 Sample : K5552-05RE
 Misc : 7.24G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ78RE

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 11:48:17 AM

Quant Time: Oct 31 06:47:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	242000	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	201837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	64446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83215	28.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.12%
7) Chloroethane-d5	2.89	69	68075	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
10) 1,1-Dichloroethene-d2	4.02	63	126749	19.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.32%
20) 2-Butanone-d5	7.08	46	72692	68.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.90%#
24) Chloroform-d	7.65	84	182576	26.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	8.31	65	106412	30.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.20%
29) Benzene-d6	8.27	84	361270	29.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.16%
33) 1,2-Dichloropropane-d6	9.27	67	116691	32.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.88%#
37) Toluene-d8	10.32	98	306585	27.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.64%
38) trans-1,3-Dichloropropene-	10.58	79	49722	30.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.72%
39) 2-Hexanone-d5	10.92	63	58947	85.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102253	34.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.88%#
61) 1,2-Dichlorobenzene-d4	13.85	152	60106	26.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.56%

Target Compounds					Qvalue
13) Acetone	4.12	43	39952	33.897 ug/L	97
21) 2-Butanone	7.18	43	8502m	5.681 ug/L	
47) Tetrachloroethene	10.86	164	116839	34.352 ug/L	98

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

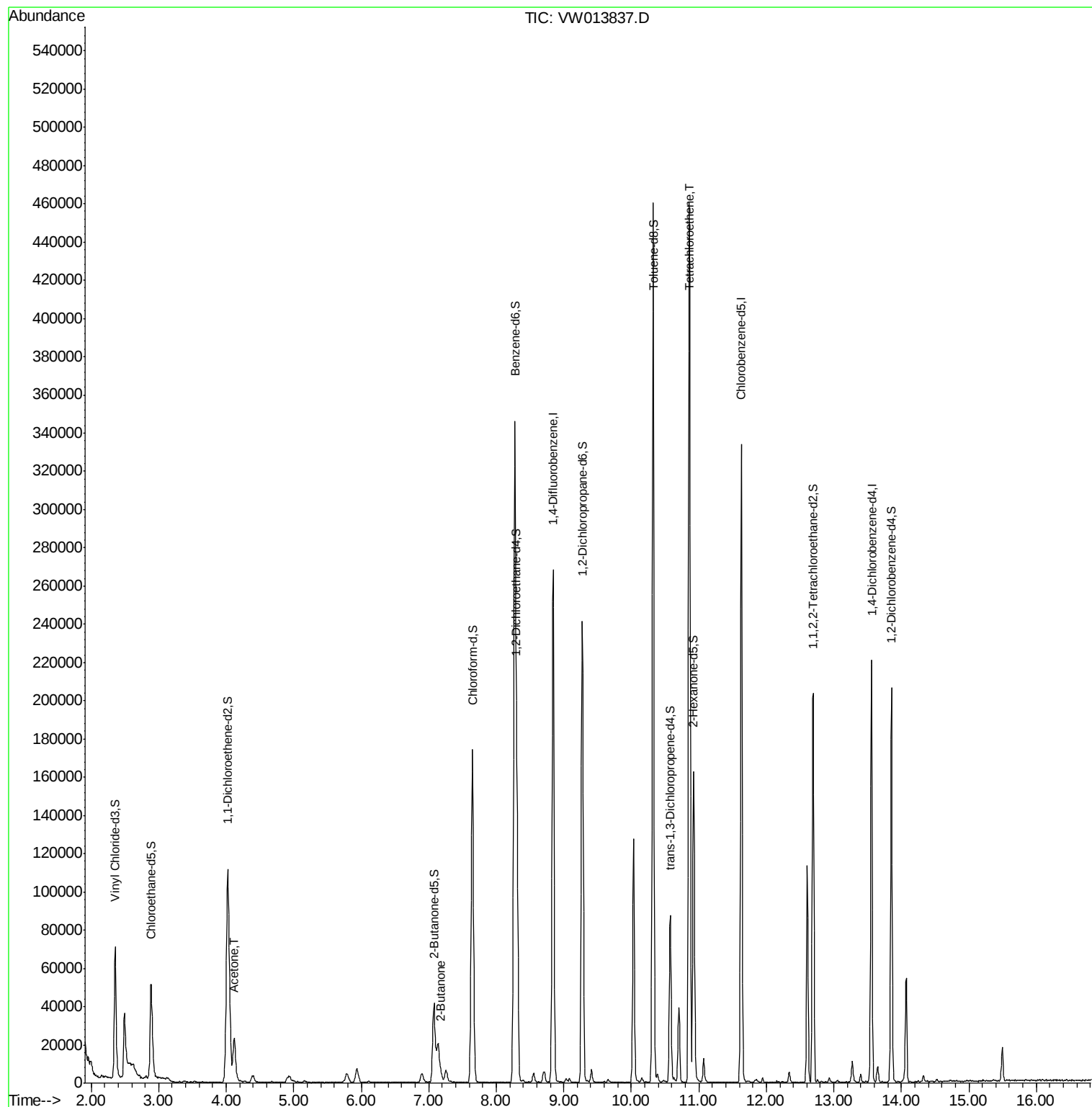
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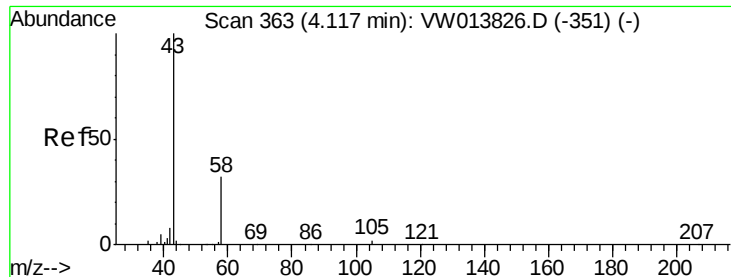
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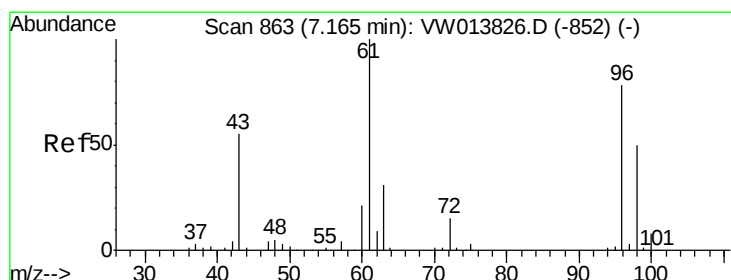
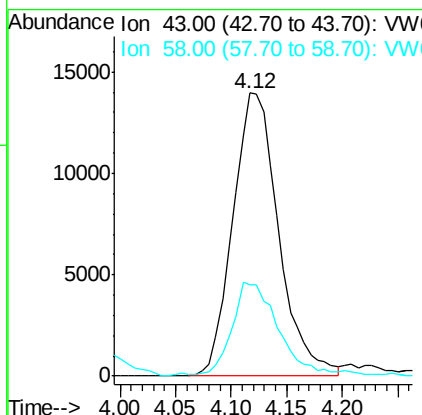
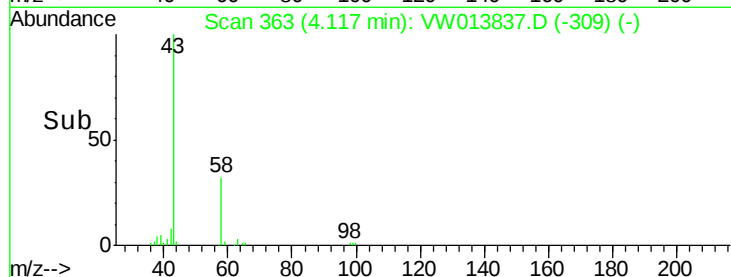
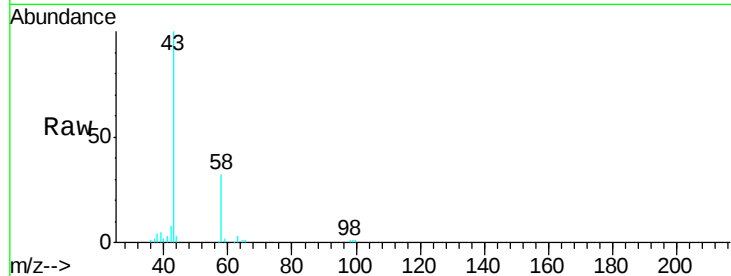
#13
Acetone
Concen: 33.897 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW013837.D
Acq: 30 Oct 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
GAQ78RE

Tgt Ion: 43 Resp: 39952
Ion Ratio Lower Upper
43 100
58 33.3 0.0 70.4

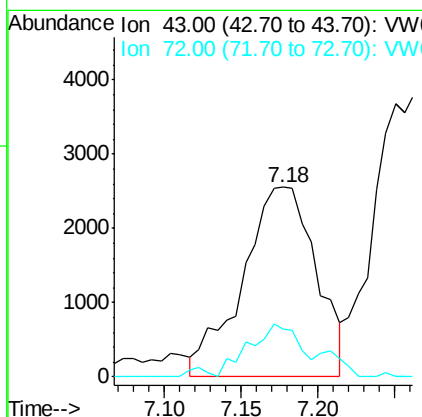
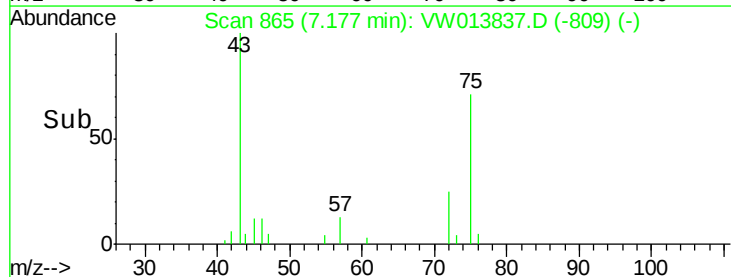
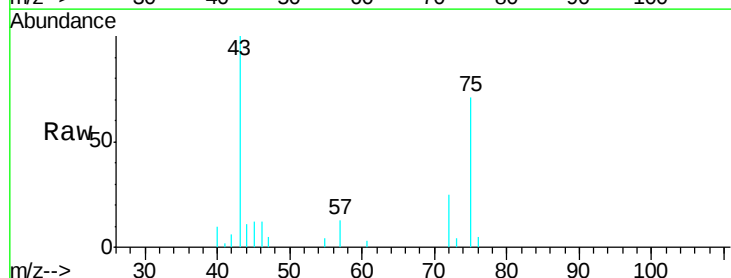
Manual Integrations
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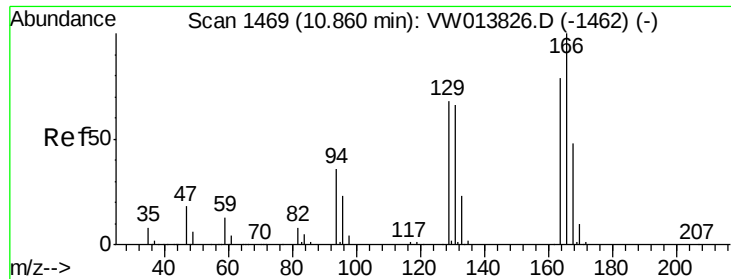
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#21
2-Butanone
Concen: 5.681 ug/L m
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013837.D
Acq: 30 Oct 2019 15:04

Tgt Ion: 43 Resp: 8502
Ion Ratio Lower Upper
43 100
72 1.2 13.7 41.1#





#47

Tetrachloroethene

Concen: 34.352 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013837.D

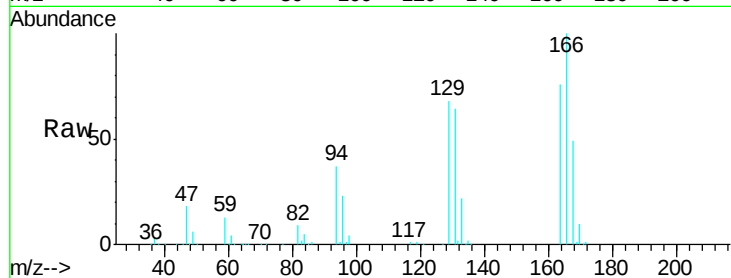
Acq: 30 Oct 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

GAQ78RE



Tgt Ion:164 Resp: 116839

Ion Ratio Lower Upper

164 100

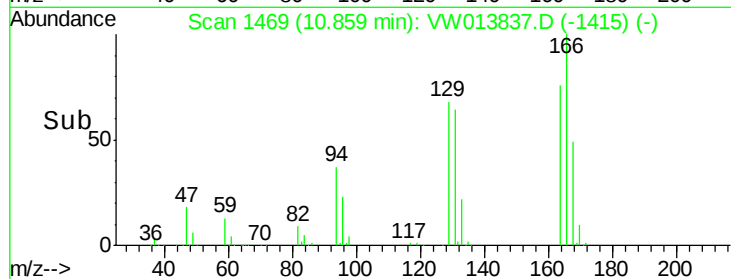
129 89.1 61.8 114.8

131 83.7 59.2 110.0

166 131.2 89.2 165.8

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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

