

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
 Data File : VW013838.D
 Acq On : 30 Oct 2019 15:31
 Operator : SY/VA
 Sample : K5552-06
 Misc : 9.17G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ79

Manual Integrations
 APPROVED

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 10/31/2019 11:48:11 AM

Quant Time: Oct 31 06:51:43 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	298195	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294663	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161151	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89290	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.60%
7) Chloroethane-d5	2.89	69	72248	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
10) 1,1-Dichloroethene-d2	4.03	63	134930	16.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.80%
20) 2-Butanone-d5	7.07	46	67806	51.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.64%
24) Chloroform-d	7.65	84	202009	24.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	8.31	65	113936	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.44%
29) Benzene-d6	8.27	84	417652	23.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.36%
33) 1,2-Dichloropropane-d6	9.27	67	132464	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
37) Toluene-d8	10.32	98	388776	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.24%
38) trans-1,3-Dichloropropene-	10.58	79	55751	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.93	63	56467	55.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115527	26.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	141519	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds					Qvalue
13) Acetone	4.12	43	20574	14.166 ug/L	100
21) 2-Butanone	7.18	43	4550m	2.467 ug/L	
47) Tetrachloroethene	10.86	164	6251	1.259 ug/L	86

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

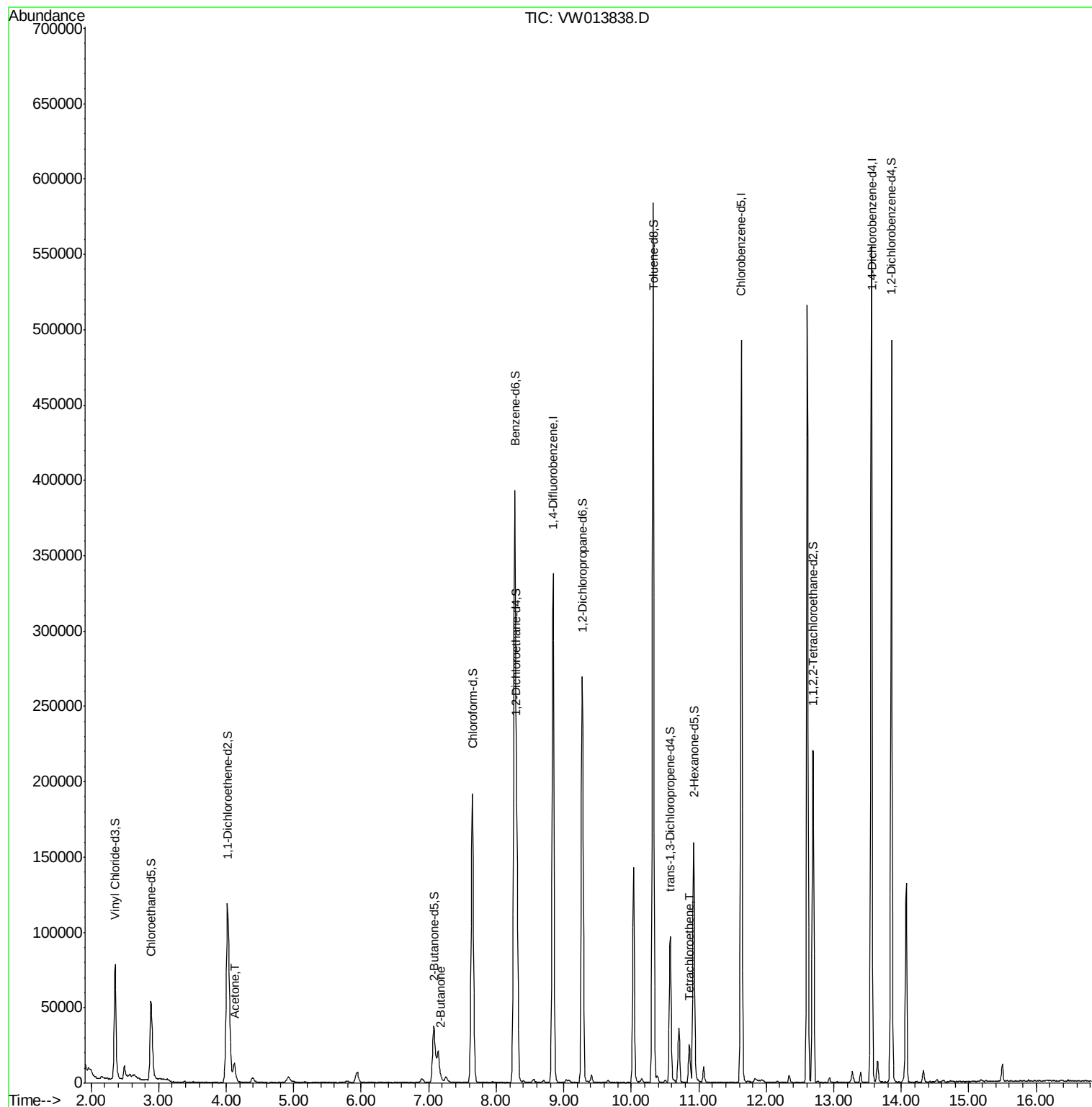
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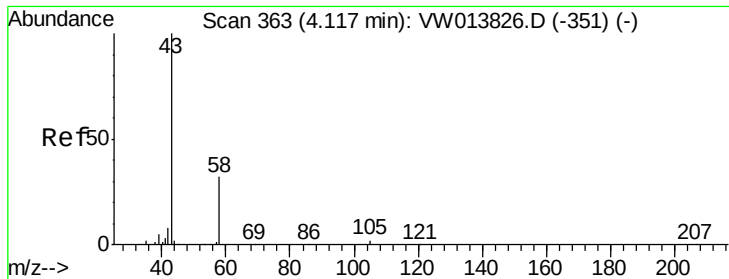
Instrument :
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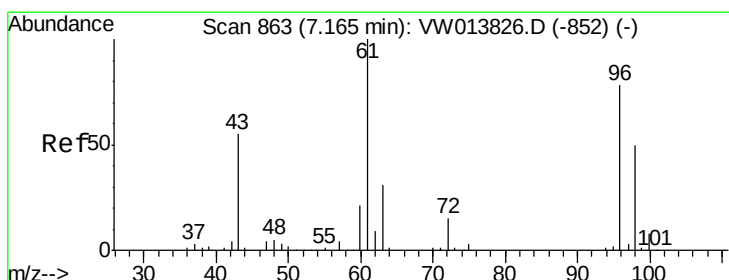
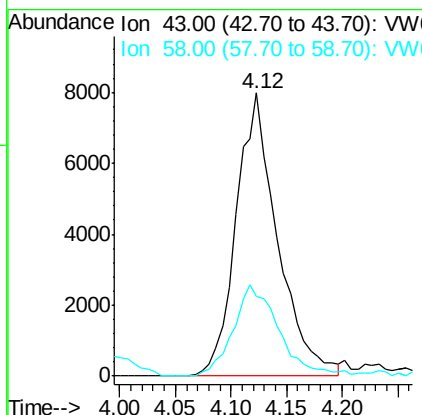
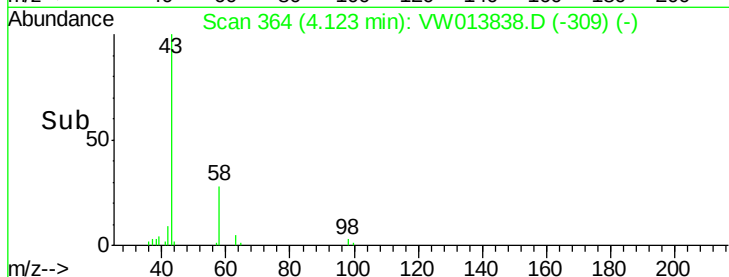
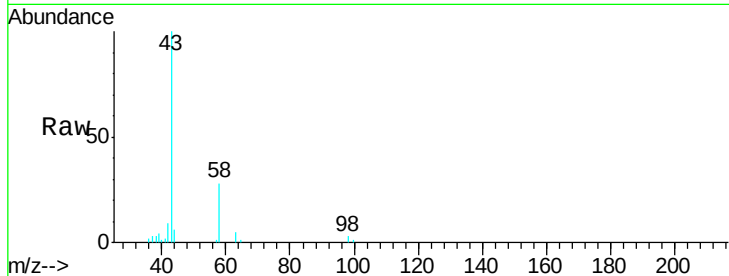
#13
Acetone
Concen: 14.166 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW013838.D
Acq: 30 Oct 2019 15:31

Instrument :
MSVOA_W
ClientSampled :
GAQ79

Tgt Ion: 43 Resp: 20574
Ion Ratio Lower Upper
43 100
58 35.0 0.0 70.4

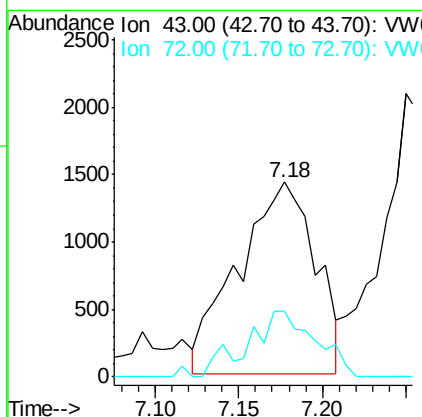
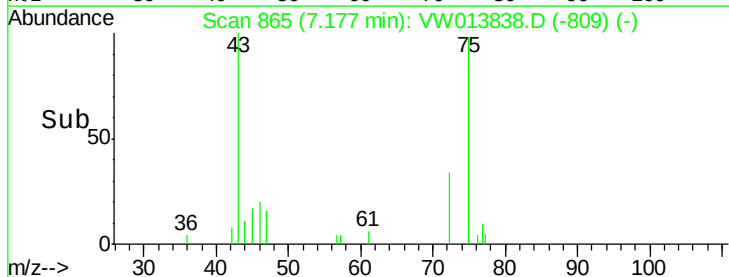
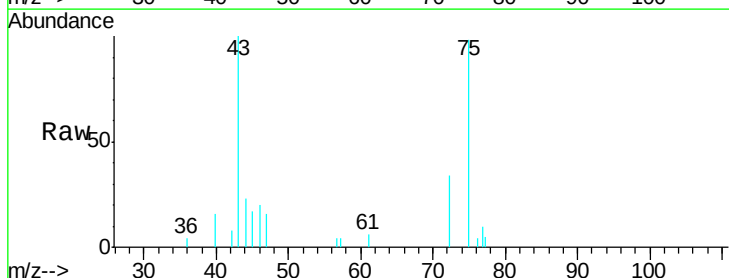
Manual Integrations
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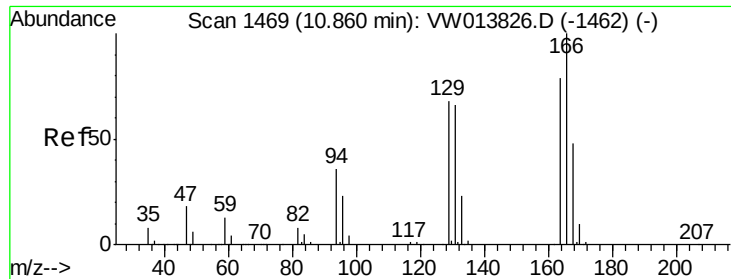
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#21
2-Butanone
Concen: 2.467 ug/L m
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013838.D
Acq: 30 Oct 2019 15:31

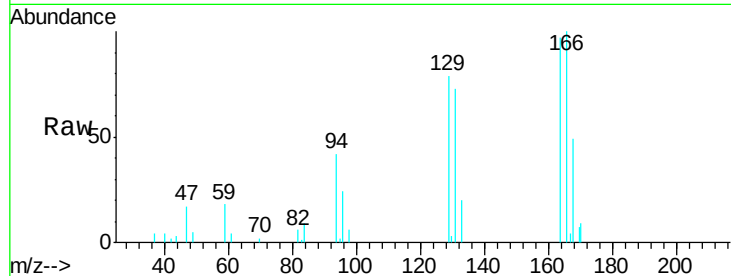
Tgt Ion: 43 Resp: 4550
Ion Ratio Lower Upper
43 100
72 4.0 13.7 41.1#





#47
 Tetrachloroethene
 Concen: 1.259 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW013838.D
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	6251		
129	81.9		61.8	114.8
131	75.3		59.2	110.0
166	103.5		89.2	165.8

Manual Integrations
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