

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014405.D
 Acq On : 17 Dec 2019 21:23
 Operator : SY/VA
 Sample : K6277-23
 Misc : 3.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C80

Manual Integrations
 APPROVED

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 12/18/2019 3:32:05 PM

Quant Time: Dec 18 03:42:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	810069	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	549679	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107863	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	219432	17.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.56%
7) Chloroethane-d5	2.88	69	197062	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
10) 1,1-Dichloroethene-d2	4.02	63	301005	13.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.56%
20) 2-Butanone-d5	7.07	46	138287	43.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.52%
24) Chloroform-d	7.65	84	491450	23.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	8.30	65	243931	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.24%
29) Benzene-d6	8.27	84	966875	30.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.04%
33) 1,2-Dichloropropane-d6	9.27	67	327643	33.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.24%#
37) Toluene-d8	10.32	98	718744	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.68%
38) trans-1,3-Dichloropropene-	10.57	79	70139	16.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.48%
39) 2-Hexanone-d5	10.92	63	95967	48.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	215336	26.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	118145	28.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.64%

Target Compounds					Ovalue
13) Acetone	4.12	43	32330	10.490 ug/L	81
16) Methylene chloride	4.92	84	25690	2.069 ug/L	95
21) 2-Butanone	7.18	43	18196m	4.398 ug/L	

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

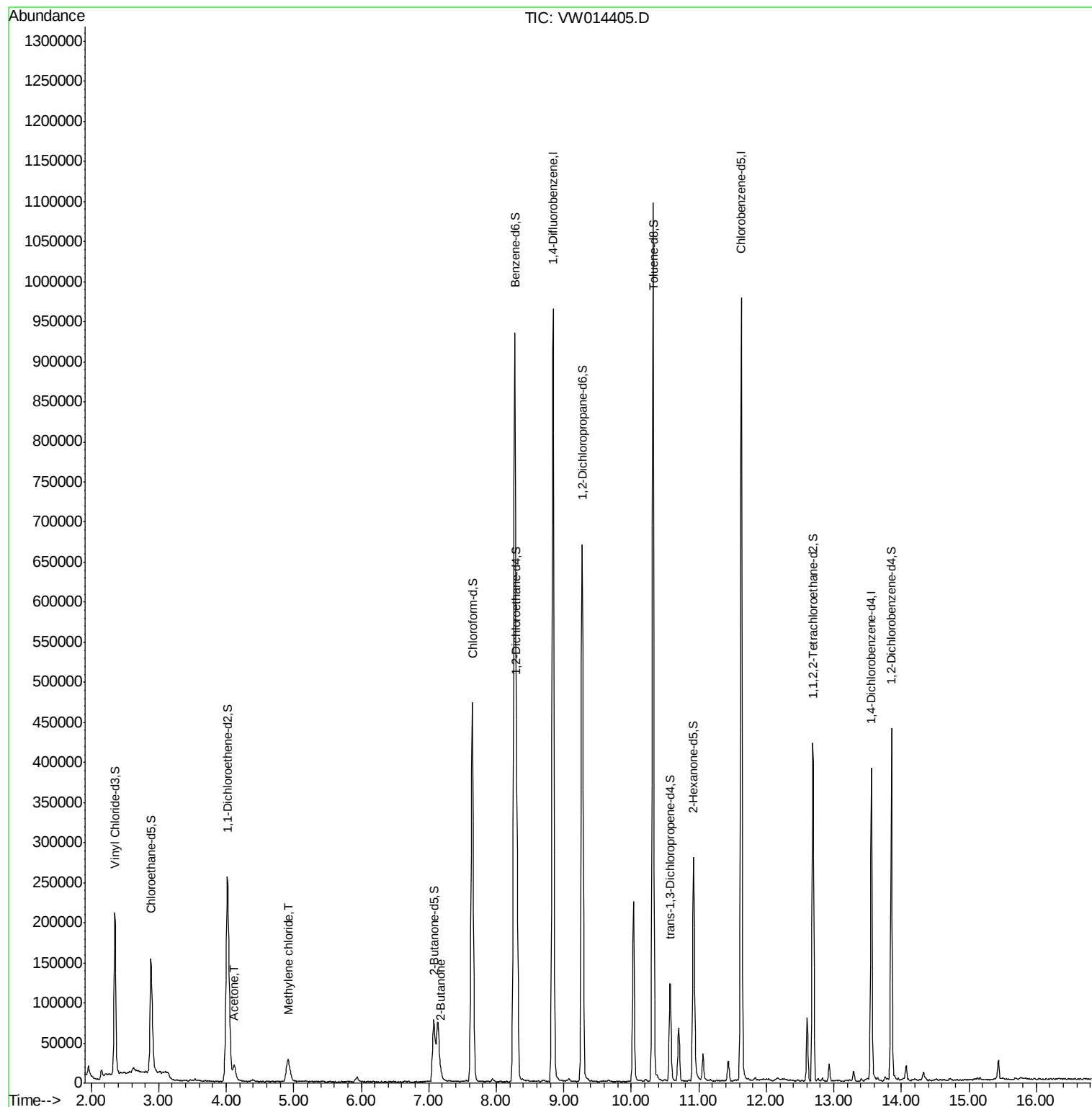
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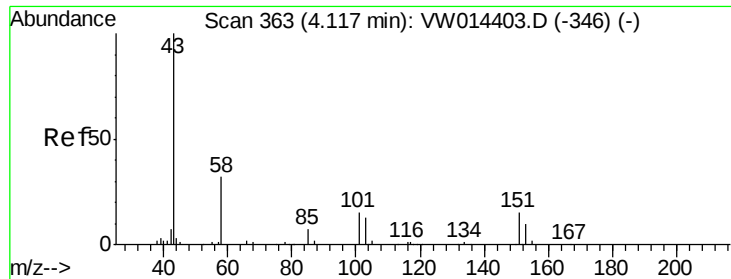
Instrument :
MSVOA_W
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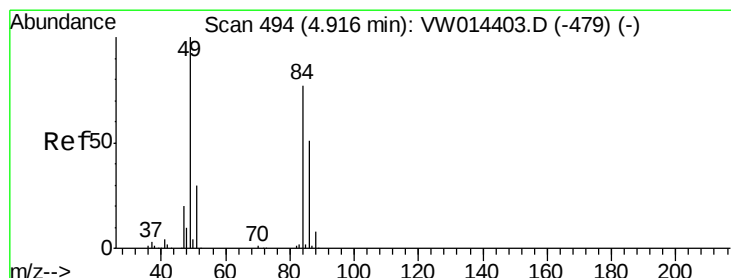
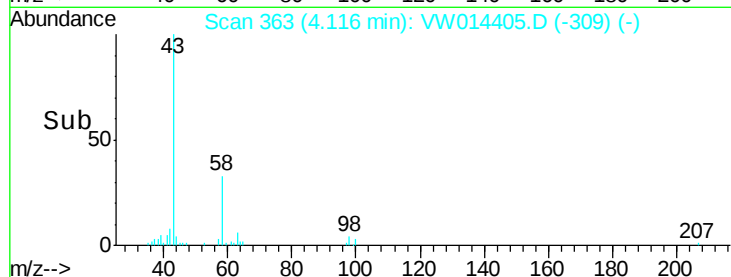
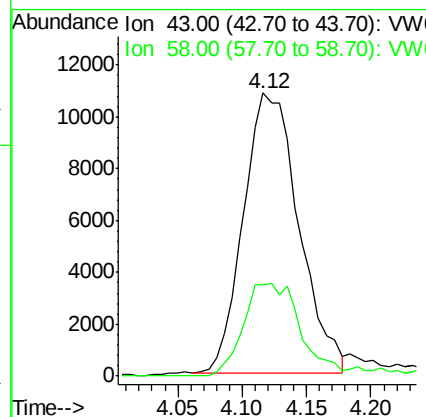
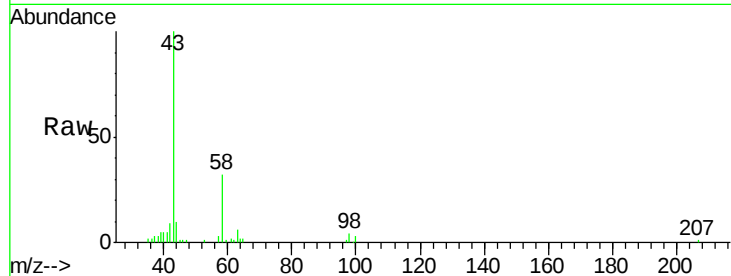
#13
Acetone
Concen: 10.490 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014405.D
Acq: 17 Dec 2019 21:23

Instrument :
MSVOA_W
ClientSampled :
C0C80

Tot Ion	Ratio	Lower	Upper
43	100		
58	21.8	0.0	65.4

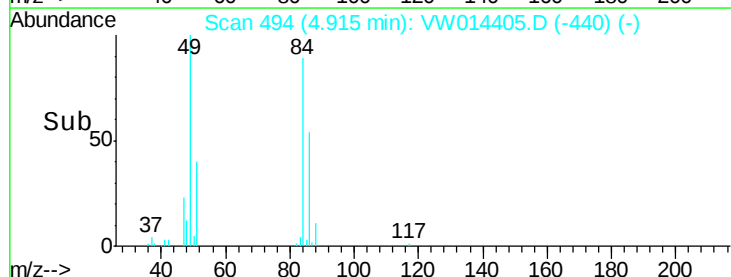
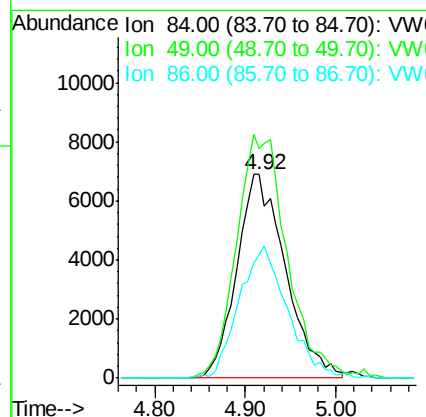
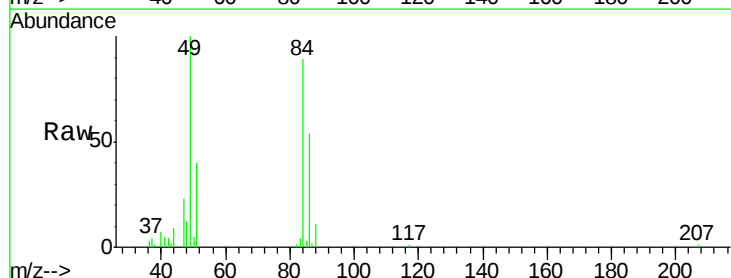
Manual Integrations
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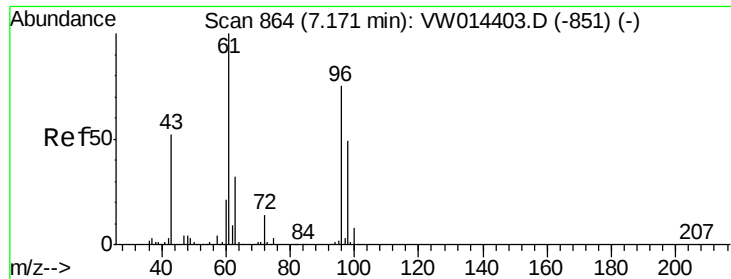
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#16
Methylene chloride
Concen: 2.069 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014405.D
Acq: 17 Dec 2019 21:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.5	84.2	156.4
86	60.6	43.7	81.1





#21
 2-Butanone
 Concen: 4.398 ug/L m
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW014405.D
 Acq: 17 Dec 2019 21:23

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C80

Tot Ion	Ratio	Lower	Upper
43	100		
72	0.8	14.1	42.2#

Manual Integrations
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