

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014430.D
 Acq On : 18 Dec 2019 14:07
 Operator : SY/VA
 Sample : K6257-10
 Misc : 4.85G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFF05

Manual Integrations
 APPROVED

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 12/19/2019 2:01:30 PM

Quant Time: Dec 19 01:51:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 19 01:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	733512	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	689964	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	280562	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	214627	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.28%
7) Chloroethane-d5	2.88	69	194250	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.08%
10) 1,1-Dichloroethene-d2	4.01	63	326917	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	7.07	46	163822	56.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.20%
24) Chloroform-d	7.65	84	493377	26.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.68%
26) 1,2-Dichloroethane-d4	8.30	65	281166m	28.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.84%
29) Benzene-d6	8.27	84	980899	24.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.04%
33) 1,2-Dichloropropane-d6	9.27	67	327008	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.12%
37) Toluene-d8	10.32	98	849706	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.96%
38) trans-1,3-Dichloropropene-	10.57	79	121985	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.92	63	120493	48.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	263482	25.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	281362	26.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	76378	27.369 ug/L	99
16) Methylene chloride	4.92	84	23539	2.093 ug/L	92
21) 2-Butanone	7.17	43	23479	6.267 ug/L	89

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

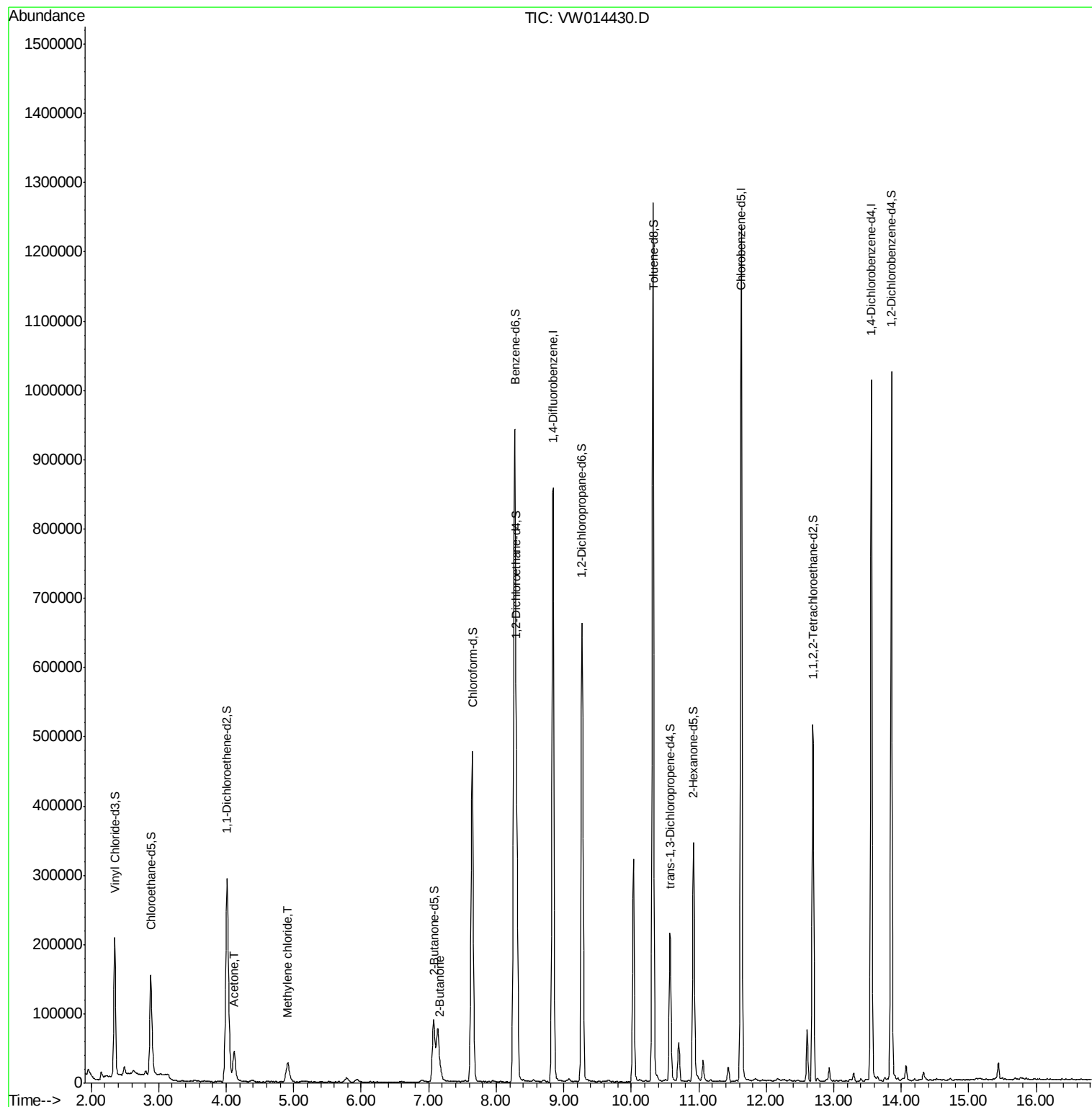
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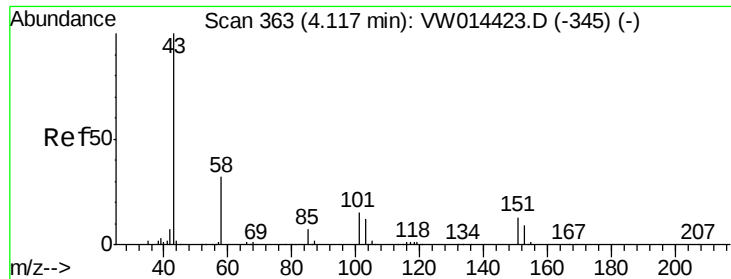
Instrument :
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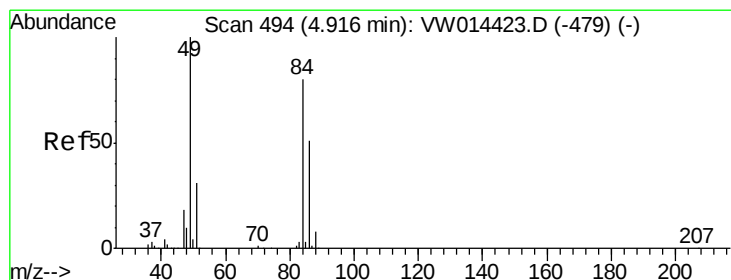
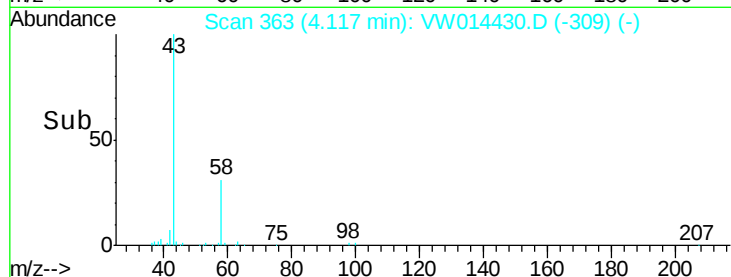
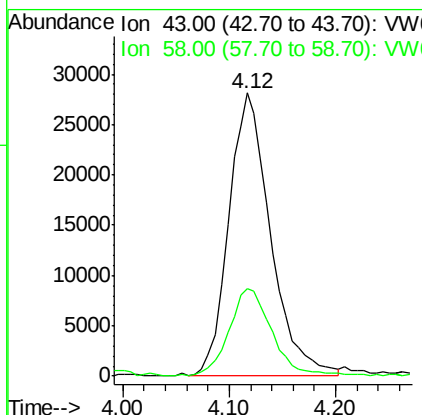
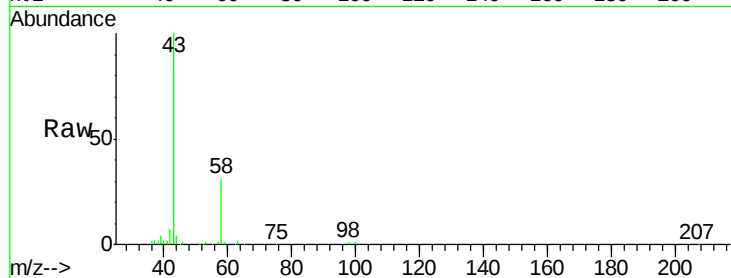
#13
Acetone
Concen: 27.369 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW014430.D
Acq: 18 Dec 2019 14:07

Instrument :
MSVOA_W
ClientSampleId :
BFF05

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	65.4

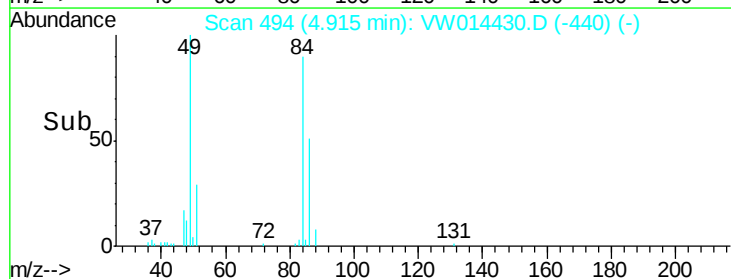
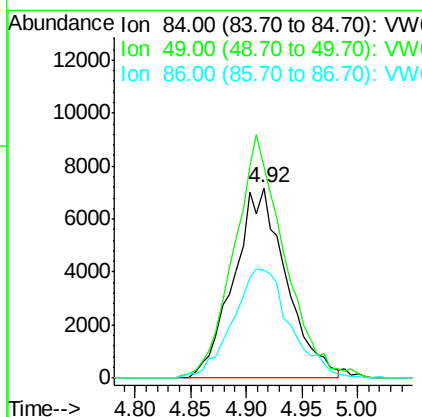
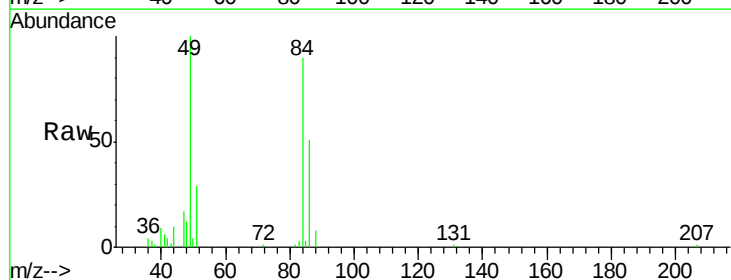
Manual Integrations
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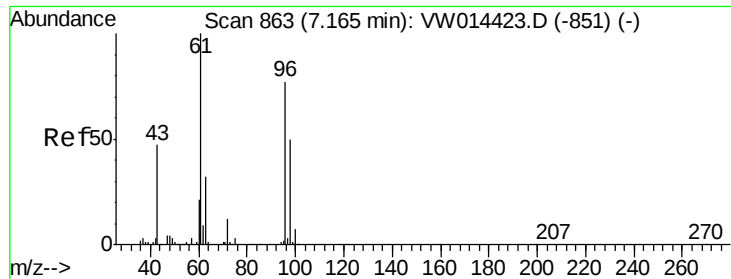
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#16
Methylene chloride
Concen: 2.093 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014430.D
Acq: 18 Dec 2019 14:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.1	84.2	156.4
86	56.6	43.7	81.1





#21
 2-Butanone
 Concen: 6.267 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW014430.D
 Acq: 18 Dec 2019 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
43	100		
72	22.2	14.1	42.2

Manual Integrations
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