

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009463.D
 Acq On : 26 Mar 2019 13:34
 Operator : SY/VA
 Sample : K2065-11
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L4

Manual Integrations
 APPROVED

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 3/30/2019 12:36:28 PM

Quant Time: Mar 27 07:06:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	378769	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	340790	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137627	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	85212	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
7) Chloroethane-d5	2.89	69	99520	18.79	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.16%
10) 1,1-Dichloroethene-d2	4.01	63	144176	14.74	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.96%
20) 2-Butanone-d5	7.07	46	79242	42.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.66%
24) Chloroform-d	7.65	84	224510	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.31	65	133187	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.56%
29) Benzene-d6	8.27	84	401116	21.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.36%
33) 1,2-Dichloropropane-d6	9.27	67	129266	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.60%
37) Toluene-d8	10.32	98	337607	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.72%
38) trans-1,3-Dichloropropene-	10.58	79	49096	17.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.28%
39) 2-Hexanone-d5	10.93	63	54751	40.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119052	21.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	115571	21.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.60%

Target Compounds					Ovalue
13) Acetone	4.12	43	58833	38.326 ug/L	98
16) Methylene chloride	4.90	84	14862m	2.691 ug/L	
21) 2-Butanone	7.17	43	17877	8.434 ug/L	75

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

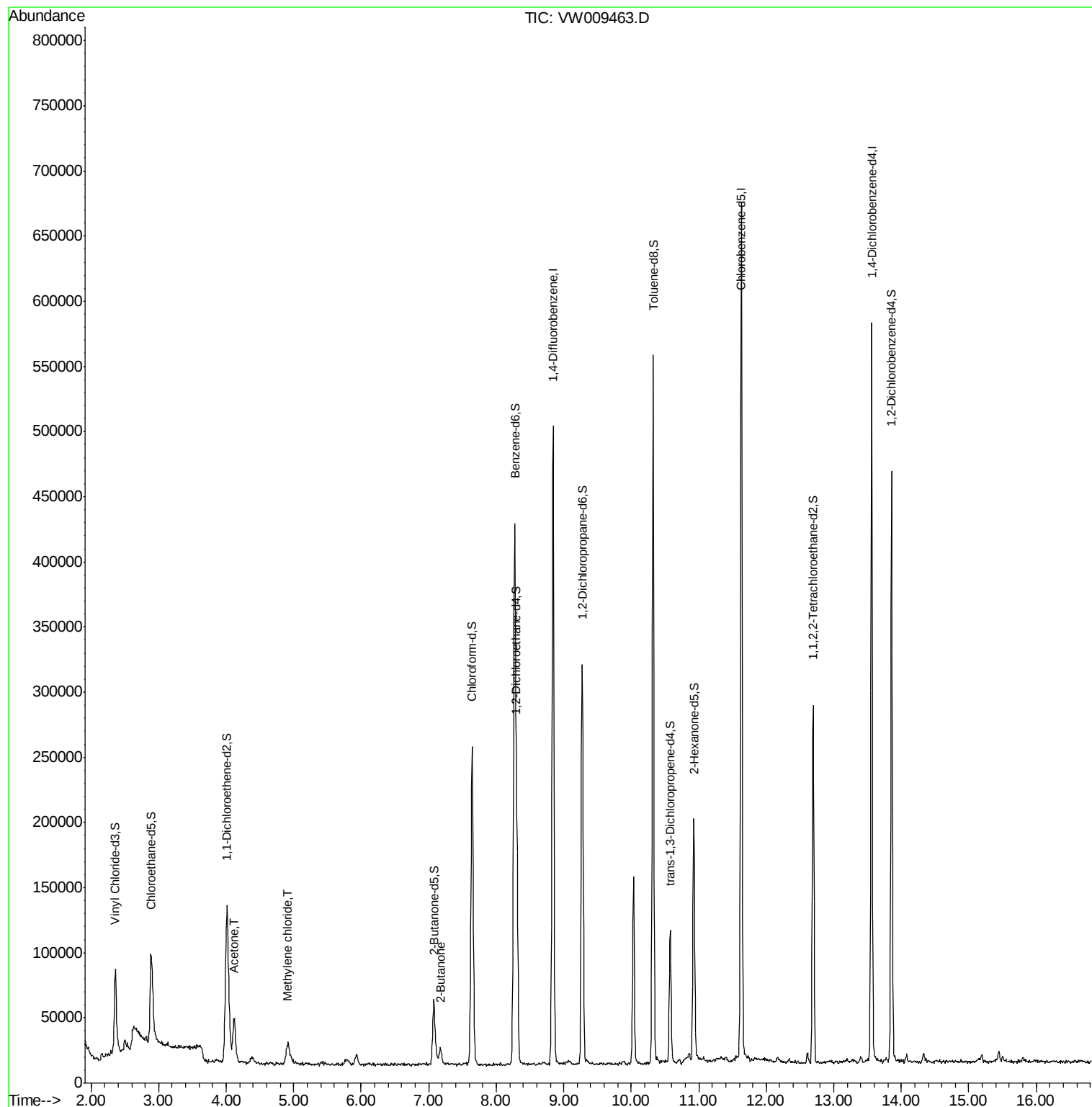
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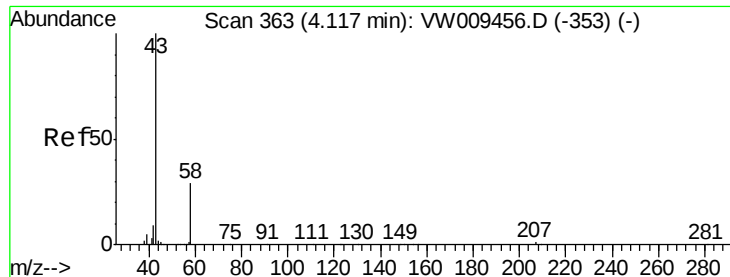
Instrument :
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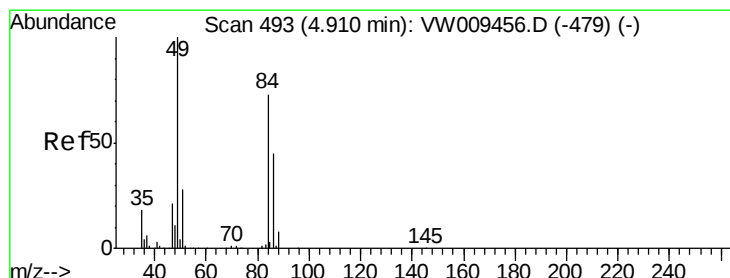
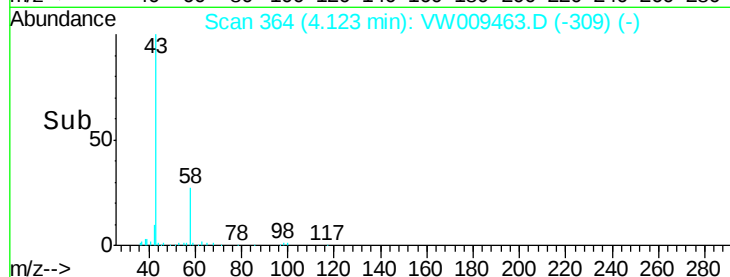
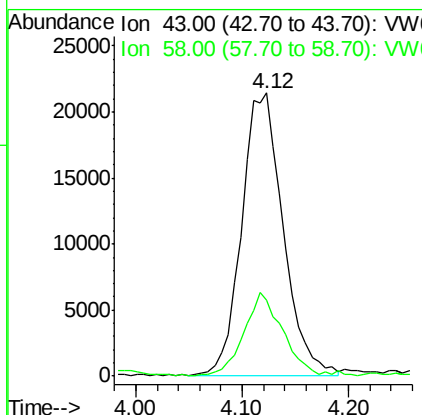
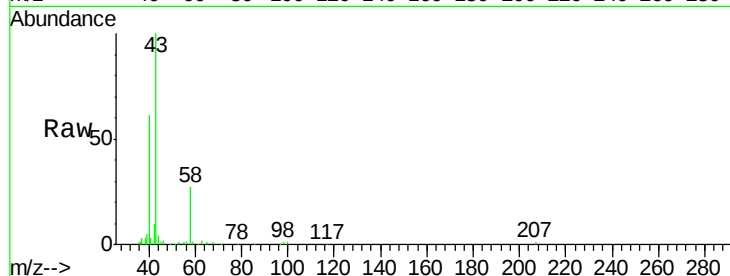
#13
Acetone
Concen: 38.326 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009463.D
Acq: 26 Mar 2019 13:34

Instrument :
MSVOA_W
ClientSampleID :
BF5L4

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.3	0.0	56.2

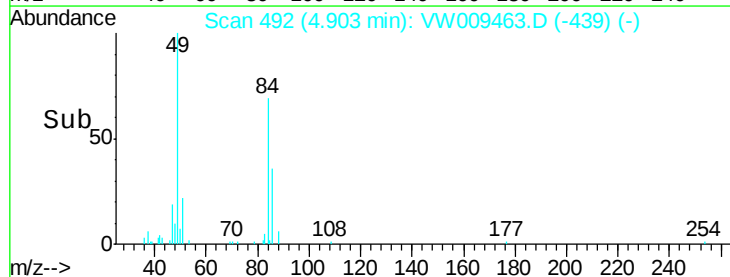
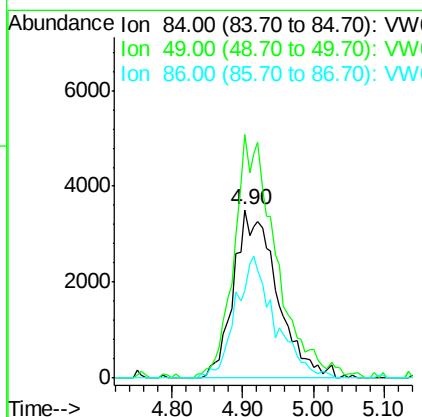
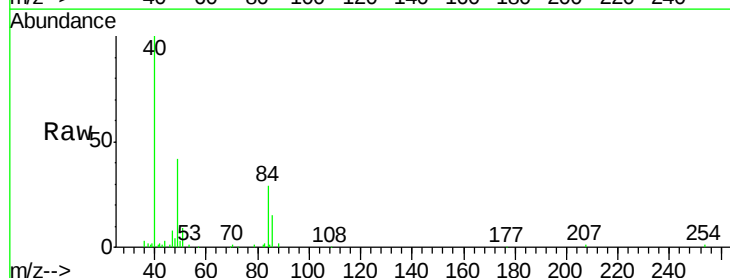
Manual Integrations
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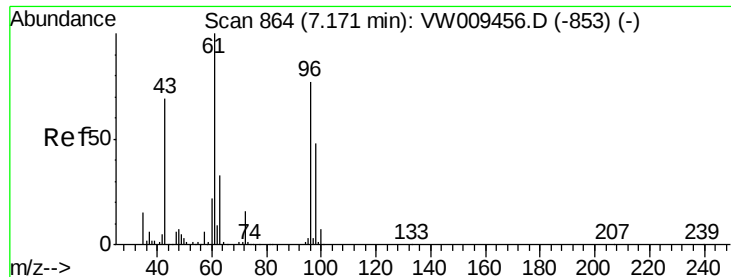
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#16
Methylene chloride
Concen: 2.691 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009463.D
Acq: 26 Mar 2019 13:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	144.5	96.0	178.2
86	51.9	44.4	82.5





#21
 2-Butanone
 Concen: 8.434 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW009463.D
 Acq: 26 Mar 2019 13:34

Instrument :
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Tot Ion	Ratio	Lower	Upper
43	100		
72	13.3	13.1	39.1

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