

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040219\
 Data File : VW009653.D
 Acq On : 02 Apr 2019 14:16
 Operator : SY/VA
 Sample : K2168-02
 Misc : 6.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF643

Manual Integrations
 APPROVED

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 4/9/2019 5:12:40 PM

Quant Time: Apr 03 04:43:57 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

QLast Update : Wed Apr 03 04:08:07 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	423204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401139	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167570	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104634	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.76%
7) Chloroethane-d5	2.89	69	100627	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.00%
10) 1,1-Dichloroethene-d2	4.01	63	163823	14.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.96%
20) 2-Butanone-d5	7.07	46	79801	38.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.32%
24) Chloroform-d	7.64	84	248927	21.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	8.30	65	153822m	22.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.44%
29) Benzene-d6	8.27	84	428071	19.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.40%
33) 1,2-Dichloropropane-d6	9.27	67	140424	21.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.52%
37) Toluene-d8	10.32	98	367716	17.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.92%
38) trans-1,3-Dichloropropene-	10.58	79	57515	17.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.96%
39) 2-Hexanone-d5	10.92	63	50028	31.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130084	19.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	135256	21.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.20%

Target Compounds

					Qvalue
13) Acetone	4.12	43	31154	18.164	ug/L 100
16) Methylene chloride	4.92	84	54361	8.808	ug/L 96
21) 2-Butanone	7.18	43	7399m	3.124	ug/L

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

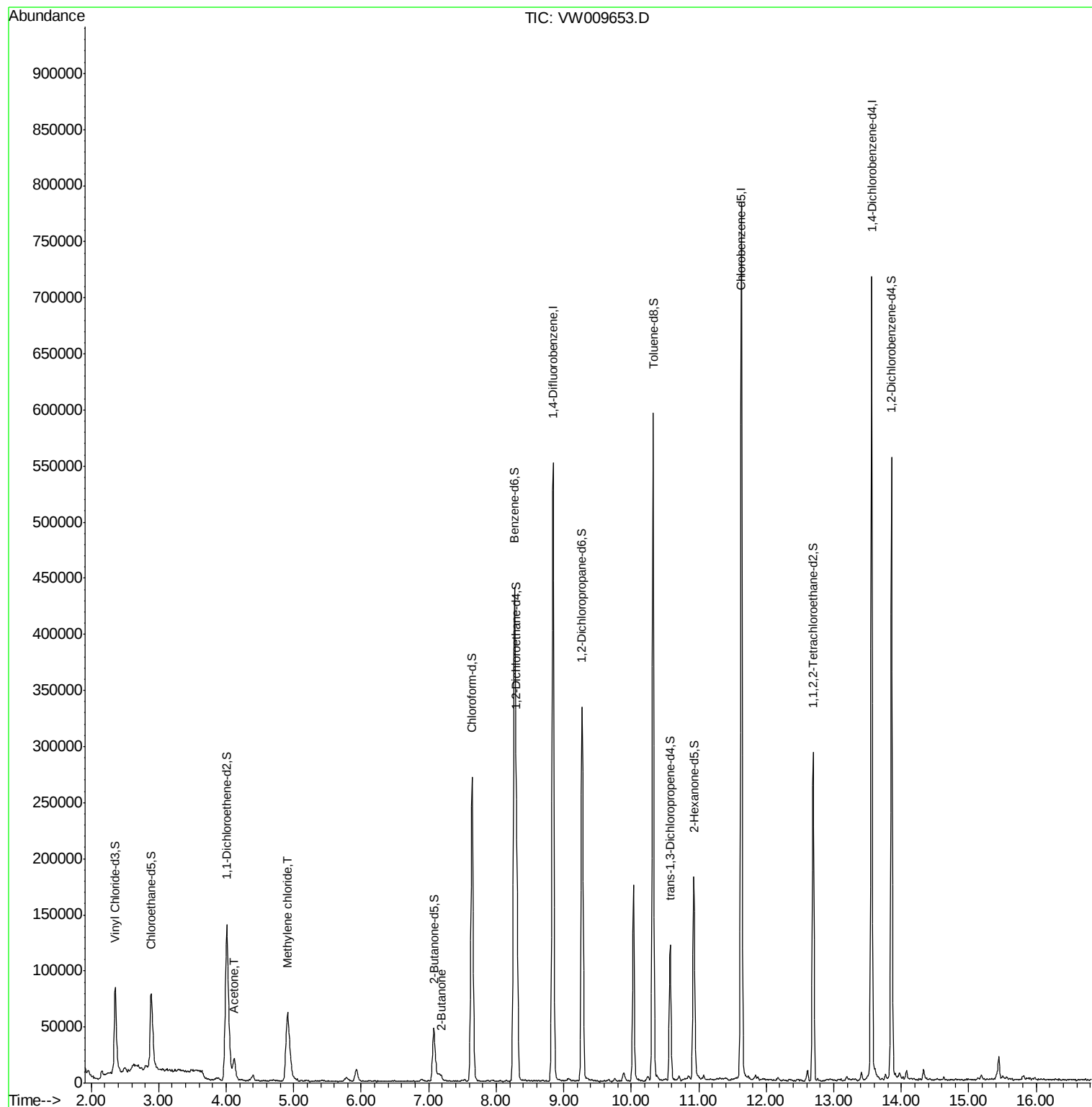
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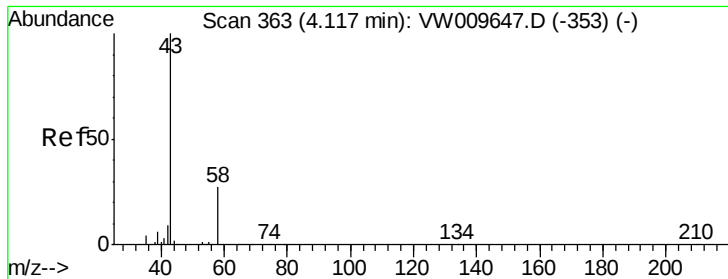
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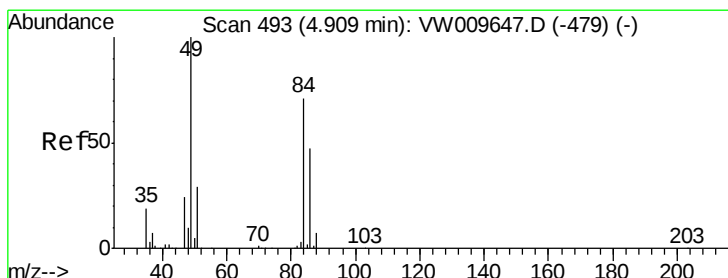
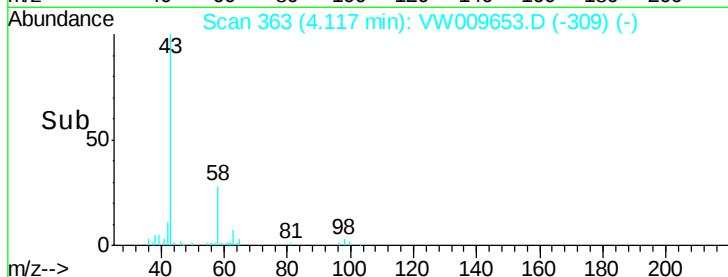
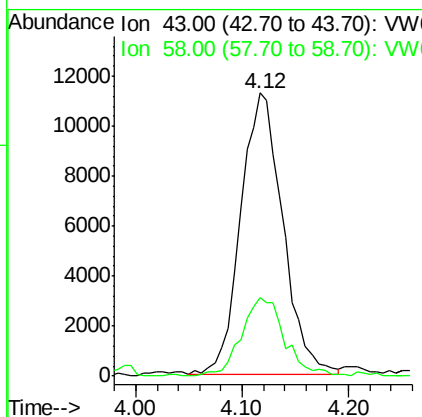
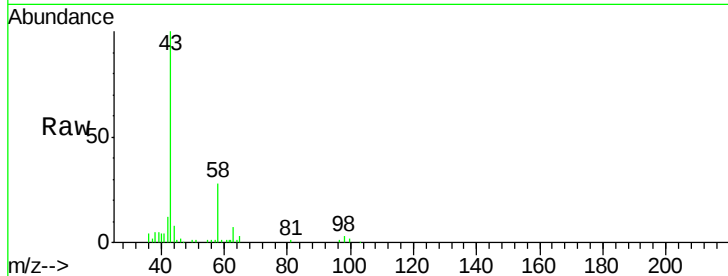
#13
Acetone
Concen: 18.164 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009653.D
Acq: 02 Apr 2019 14:16

Instrument :
MSVOA_W
ClientSampleId :
BF643

Tgt Ion: 43 Resp: 31154
Ion Ratio Lower Upper
43 100
58 27.9 0.0 56.2

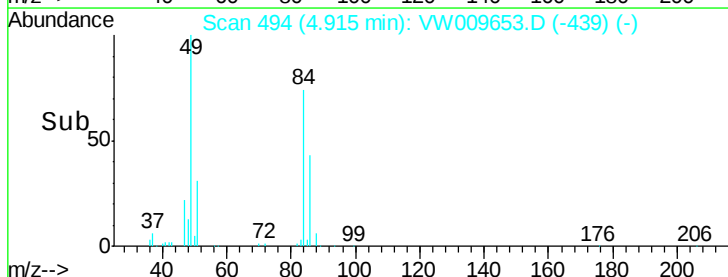
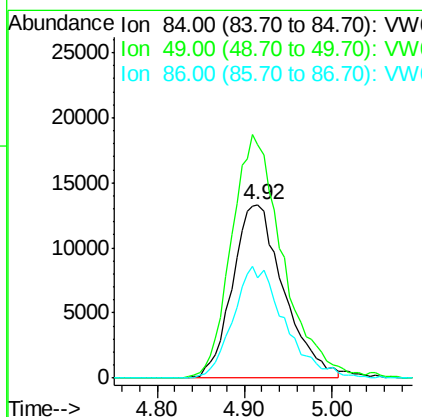
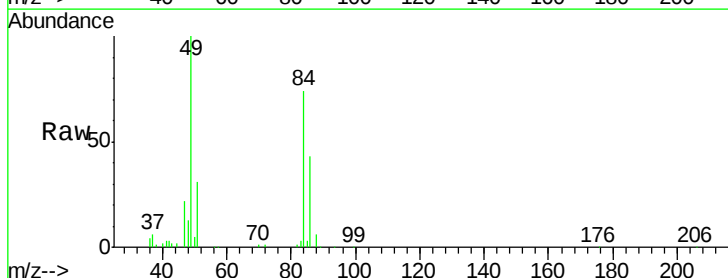
Manual Integrations
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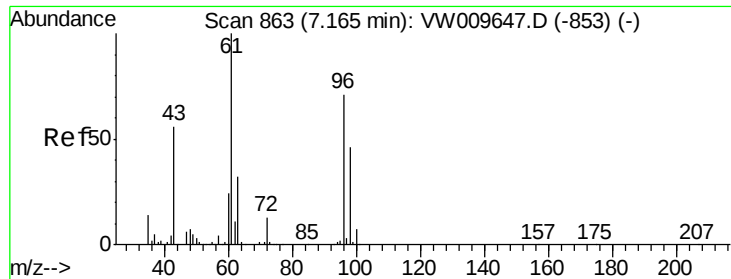
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#16
Methylene chloride
Concen: 8.808 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009653.D
Acq: 02 Apr 2019 14:16

Tgt Ion: 84 Resp: 54361
Ion Ratio Lower Upper
84 100
49 134.3 96.0 178.2
86 57.6 44.4 82.5





#21
 2-Butanone
 Concen: 3.124 ug/L m
 RT: 7.18 min Scan# 866
 Delta R.T. 0.02 min
 Lab File: VW009653.D
 Acq: 02 Apr 2019 14:16

Instrument :
 MSVOA_W
 ClientSampleId :
 BF643

Tgt Ion: 43 Resp: 7399
 Ion Ratio Lower Upper
 43 100
 72 1.2 13.1 39.1#

Manual Integrations
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