

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041319\
 Data File : VW009969.D
 Acq On : 13 Apr 2019 17:54
 Operator : SY/VA
 Sample : K2303-03RE
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF898RE

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:32:29 AM

Quant Time: Apr 13 21:50:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 21:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	272596	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	190898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	36534	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105108	29.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.88%
7) Chloroethane-d5	2.89	69	89820	27.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.92%
10) 1,1-Dichloroethene-d2	4.01	63	181854	23.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.84%
20) 2-Butanone-d5	7.08	46	74313	64.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.32%
24) Chloroform-d	7.64	84	237752	31.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	127.84%
26) 1,2-Dichloroethane-d4	8.30	65	167701	36.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	146.88%#
29) Benzene-d6	8.27	84	422981	42.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	168.84%#
33) 1,2-Dichloropropane-d6	9.27	67	137361	44.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	177.52%#
37) Toluene-d8	10.32	98	294871	31.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.28%
38) trans-1,3-Dichloropropene-	10.58	79	38711	26.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.88%
39) 2-Hexanone-d5	10.93	63	34388	58.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100438	34.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.60%#
61) 1,2-Dichlorobenzene-d4	13.86	152	38209	29.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.20%

Target Compounds					Qvalue
13) Acetone	4.12	43	9253m	7.456 ug/L	
15) Methyl Acetate	4.67	43	4235	1.872 ug/L	91
16) Methylene chloride	4.92	84	28015	5.827 ug/L	84

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

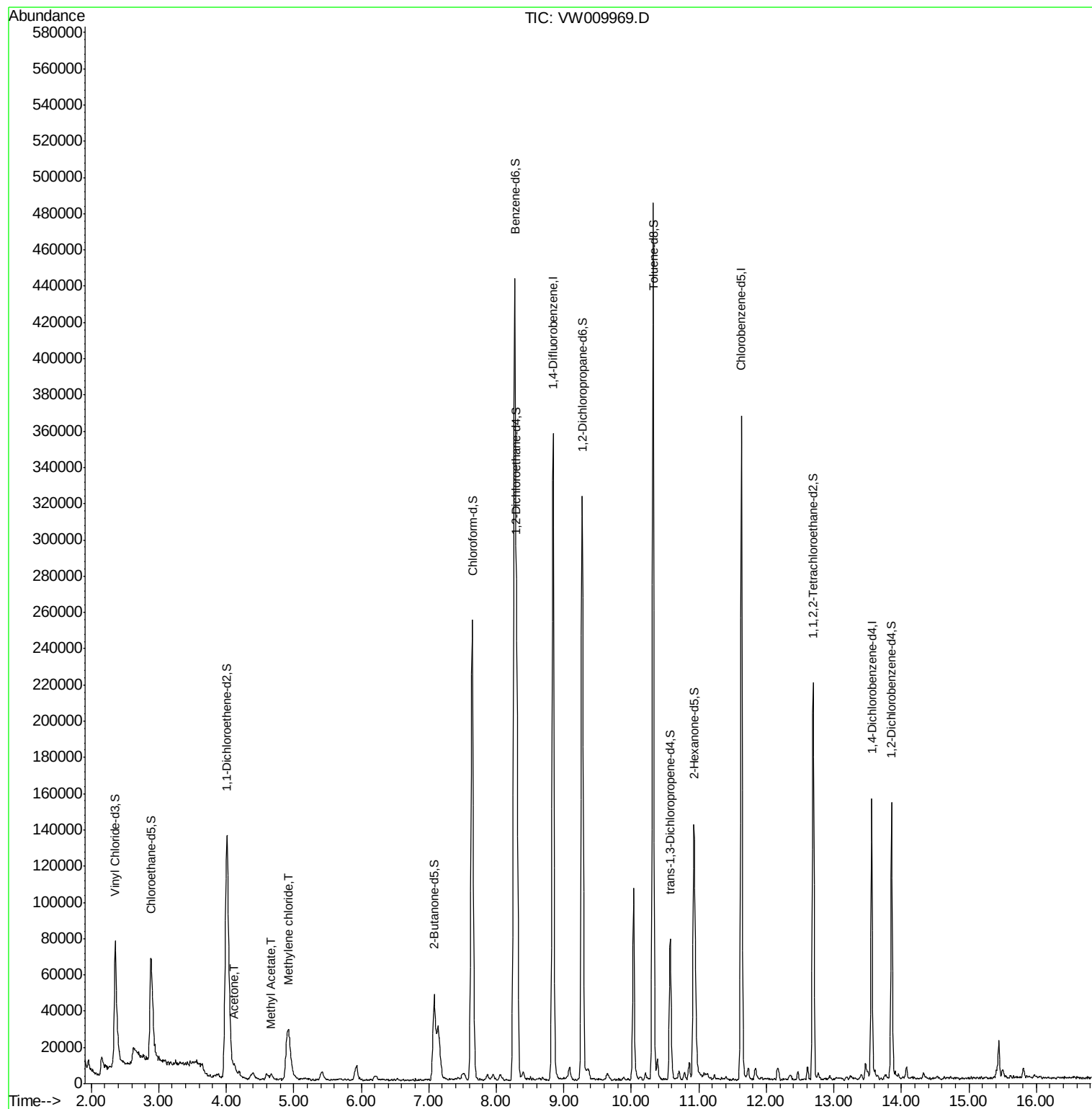
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW041319\
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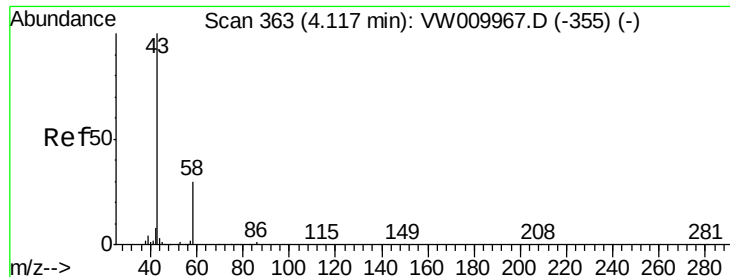
Instrument :
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Response via : Initial Calibration





#13

Acetone

Concen: 7.456 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009969.D

Acq: 13 Apr 2019 17:54

Instrument :

MSVOA_W

ClientSampleId :

BF898RE

Tgt Ion: 43 Resp: 9253

Ion Ratio Lower Upper

43 100

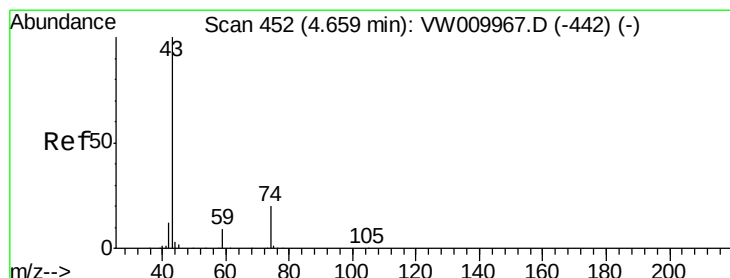
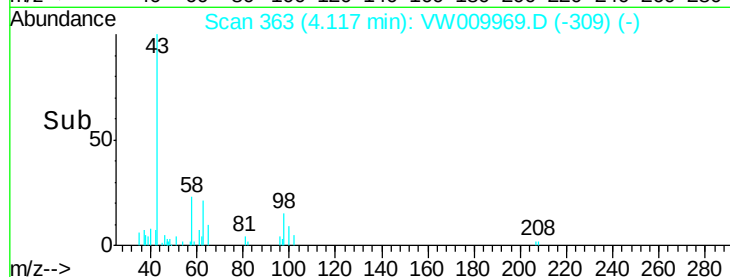
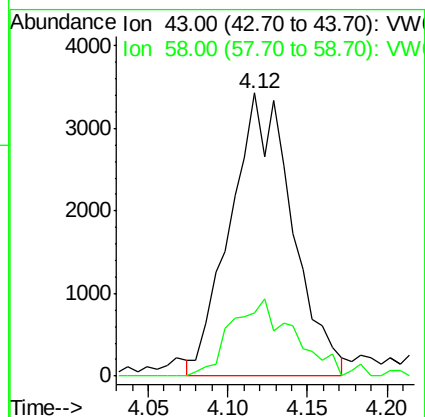
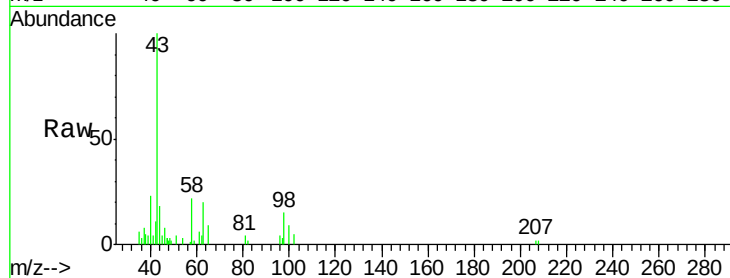
58 18.1 0.0 53.0

Manual Integrations

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#15

Methyl Acetate

Concen: 1.872 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW009969.D

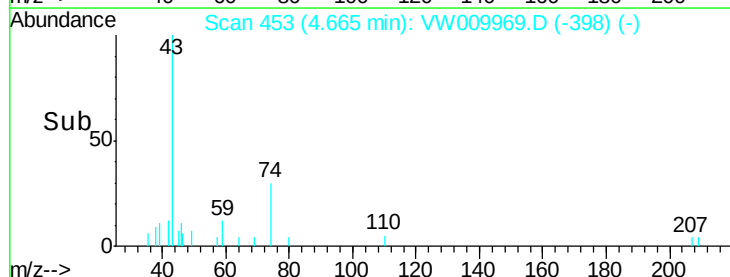
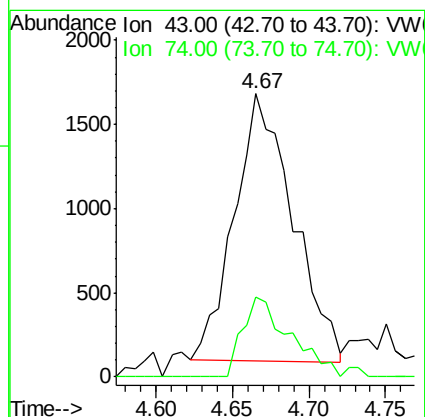
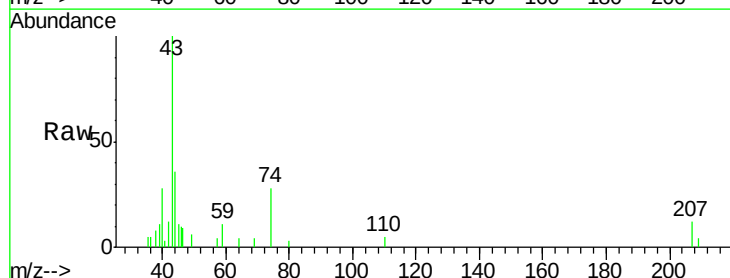
Acq: 13 Apr 2019 17:54

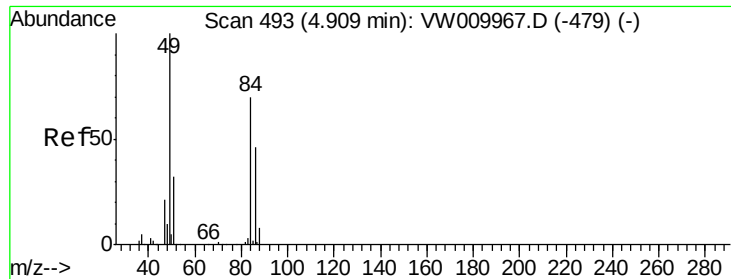
Tgt Ion: 43 Resp: 4235

Ion Ratio Lower Upper

43 100

74 17.4 17.2 25.8





#16
Methylene chloride
Concen: 5.827 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
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Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.3	98.3	182.5
86	68.5	46.4	86.2

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