

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009466.D
 Acq On : 26 Mar 2019 14:56
 Operator : SY/VA
 Sample : K2044-01
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T1

Manual Integrations
 APPROVED

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 3/30/2019 12:36:44 PM

Quant Time: Mar 27 07:32:38 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	394639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367783	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151546	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96013	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.44%
7) Chloroethane-d5	2.89	69	109207	19.79	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.16%
10) 1,1-Dichloroethene-d2	4.01	63	161434	15.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.36%
20) 2-Butanone-d5	7.08	46	90828	46.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.14%
24) Chloroform-d	7.64	84	261597	24.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	8.30	65	159909m	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.60%
29) Benzene-d6	8.27	84	463364	22.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.36%
33) 1,2-Dichloropropane-d6	9.27	67	151071	24.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.20%
37) Toluene-d8	10.32	98	397677	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.80%
38) trans-1,3-Dichloropropene-	10.58	79	63741	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.32%
39) 2-Hexanone-d5	10.93	63	62842	42.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138809	23.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	140645	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds					Ovalue
13) Acetone	4.12	43	49756	31.110 ug/L	97
16) Methylene chloride	4.91	84	31706m	5.509 ug/L	
21) 2-Butanone	7.17	43	15473	7.007 ug/L	94

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

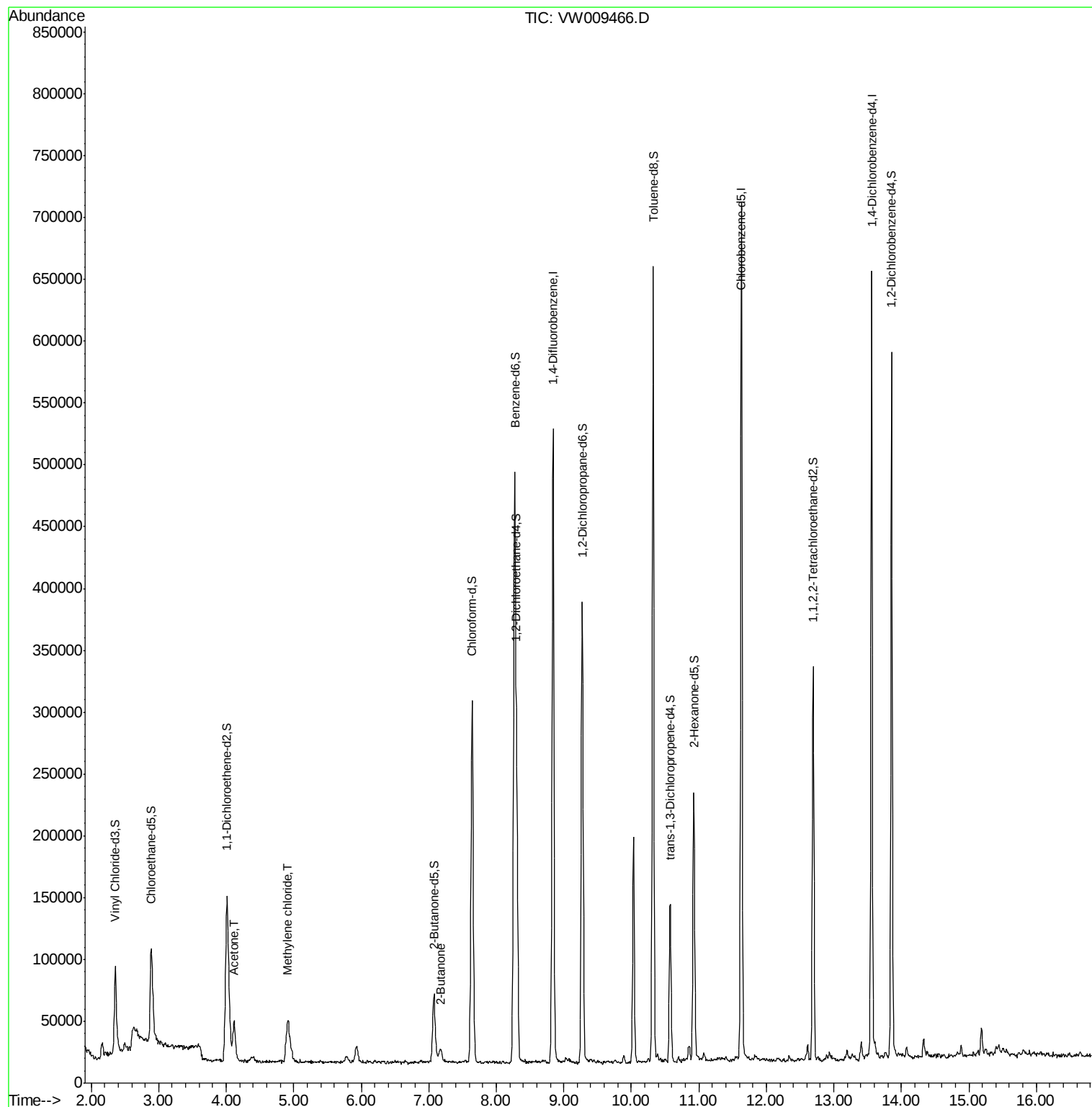
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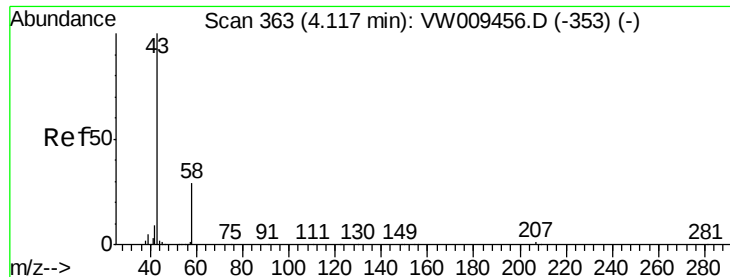
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#13

Acetone

Concen: 31.110 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009466.D

Acq: 26 Mar 2019 14:56

Instrument :

MSVOA_W

ClientSampled :

BF5T1

Tot Ion: 43 Resp: 49756

Ion Ratio Lower Upper

43 100

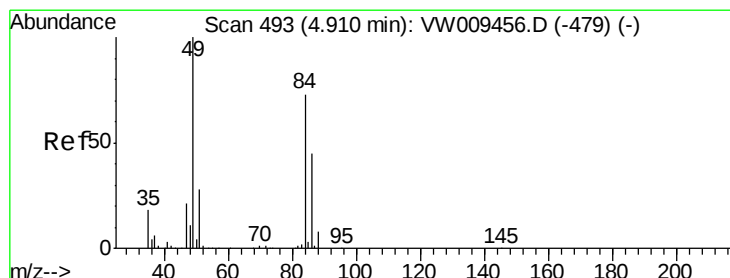
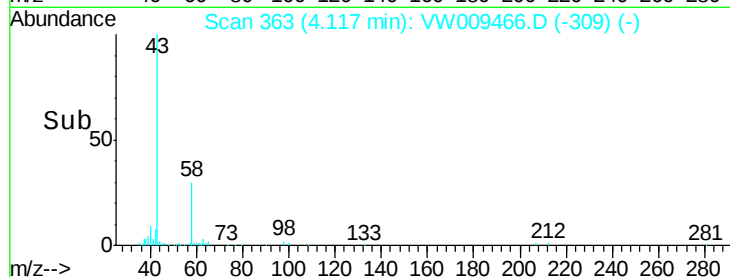
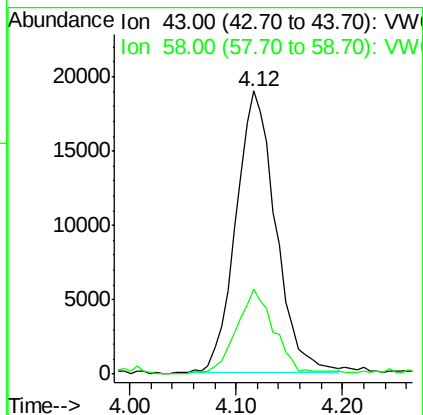
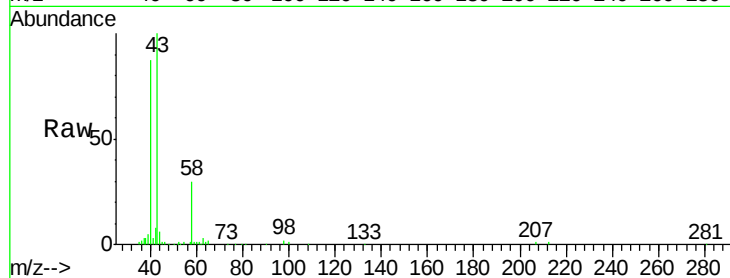
58 26.6 0.0 56.2

Manual Integrations

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#16

Methylene chloride

Concen: 5.509 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW009466.D

Acq: 26 Mar 2019 14:56

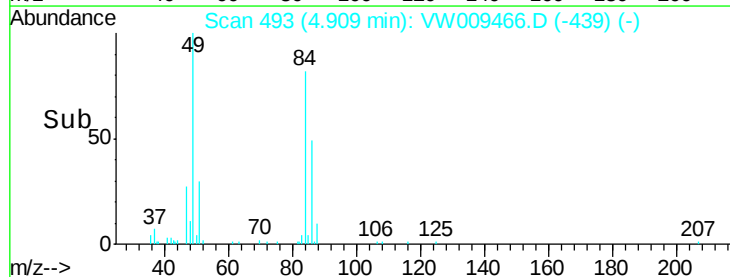
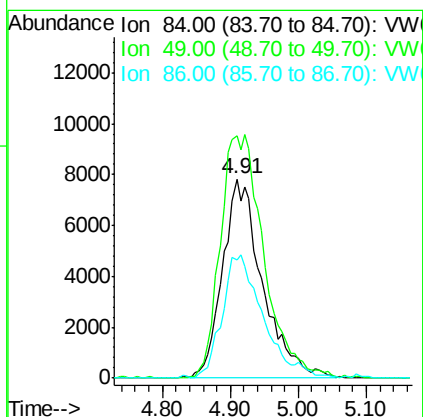
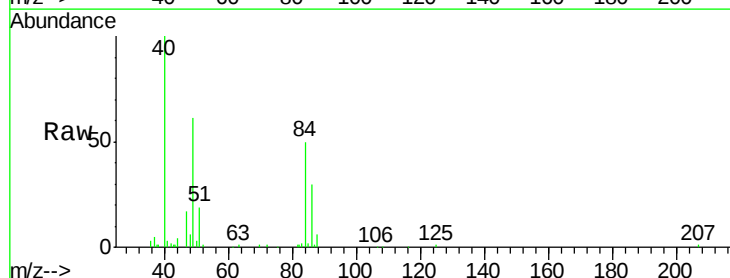
Tgt Ion: 84 Resp: 31706

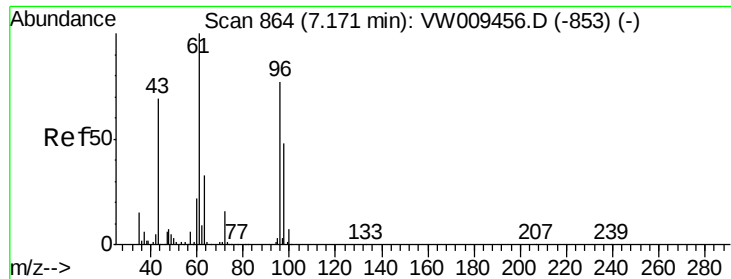
Ion Ratio Lower Upper

84 100

49 121.8 96.0 178.2

86 59.4 44.4 82.5





#21
 2-Butanone
 Concen: 7.007 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
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 Acq: 26 Mar 2019 14:56

Instrument :
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Tot Ion	Ratio	Lower	Upper
43	100		
72	22.8	13.1	39.1

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