

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009514.D
 Acq On : 27 Mar 2019 22:16
 Operator : SY/VA
 Sample : K2068-06RE
 Misc : 4.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M8RE

Manual Integrations
 APPROVED

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Quant Time: Mar 28 08:01:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 07:41:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	238071	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	175429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49650	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68000	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.60%
7) Chloroethane-d5	2.89	69	76717	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
10) 1,1-Dichloroethene-d2	4.01	63	107344	17.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.84%
20) 2-Butanone-d5	7.08	46	15988	13.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.18%
24) Chloroform-d	7.64	84	174120	26.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	8.30	65	107508m	27.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.88%
29) Benzene-d6	8.27	84	289034	29.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.48%
33) 1,2-Dichloropropane-d6	9.27	67	96835	33.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.28%#
37) Toluene-d8	10.32	98	204435	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.40%
38) trans-1,3-Dichloropropene-	10.57	79	14573	9.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	39.96%
39) 2-Hexanone-d5	10.93	63	10184	14.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78372	27.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	42584	22.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.48%

Target Compounds					Ovalue
13) Acetone	4.12	43	8781	9.101 ug/L	97
16) Methylene chloride	4.90	84	20775m	5.984 ug/L	
21) 2-Butanone	7.14	43	27458m	20.611 ug/L	

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

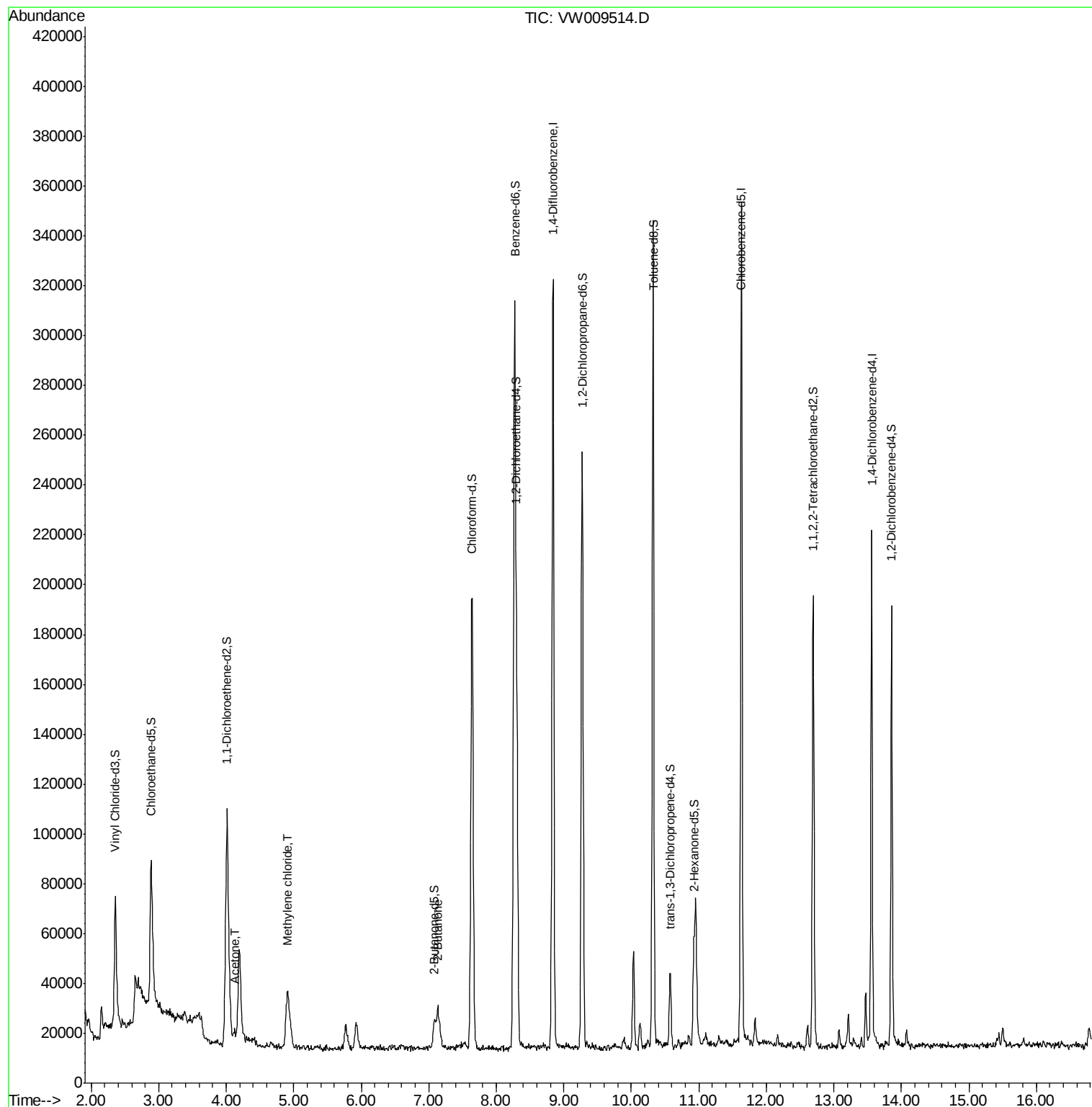
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
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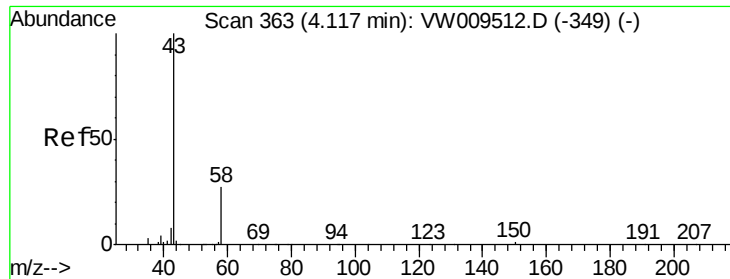
Instrument :
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#13

Acetone

Concen: 9.101 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009514.D

Acq: 27 Mar 2019 22:16

Instrument :

MSVOA_W

ClientSampleId :

BF5M8RE

Tot Ion: 43 Resp: 8781

Ion Ratio Lower Upper

43 100

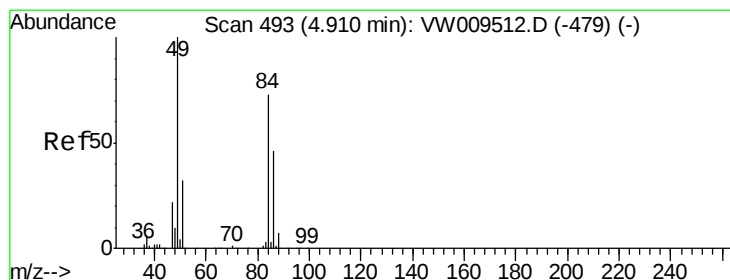
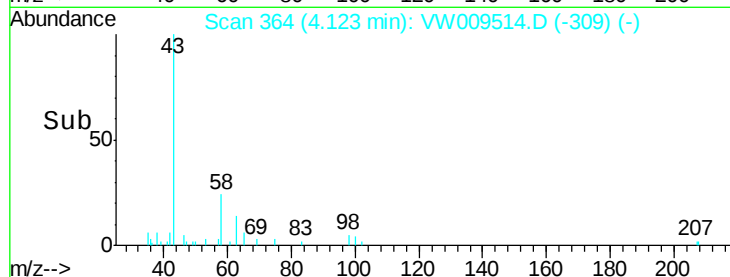
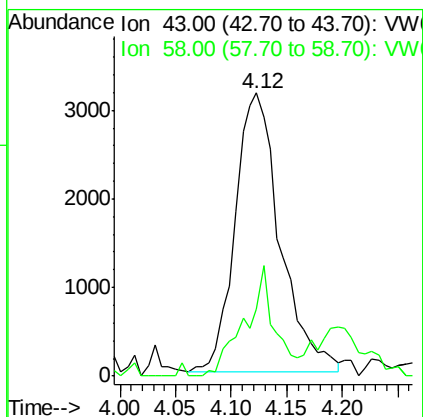
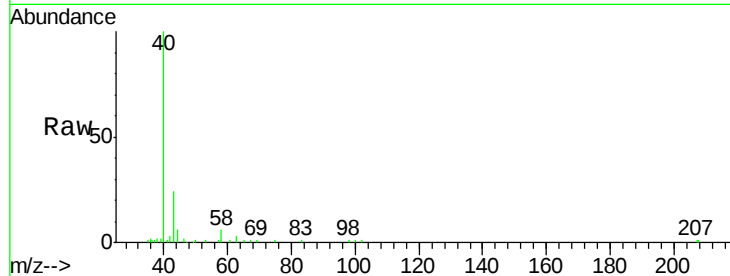
58 26.4 0.0 56.2

Manual Integrations

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#16

Methylene chloride

Concen: 5.984 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009514.D

Acq: 27 Mar 2019 22:16

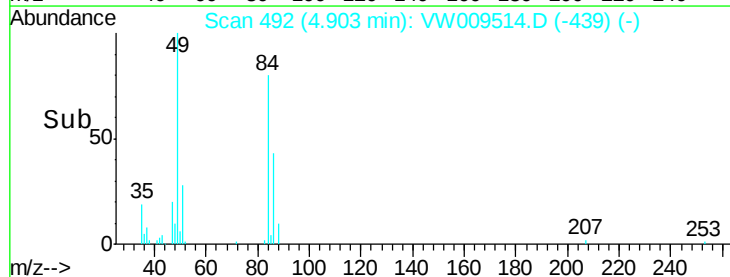
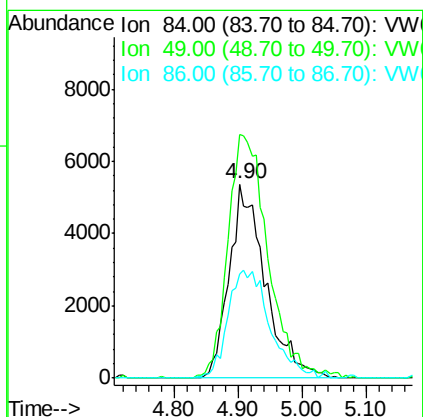
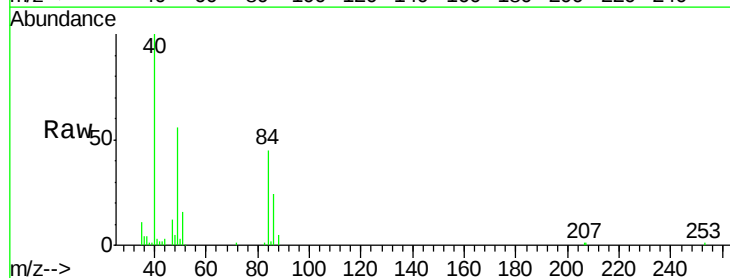
Tgt Ion: 84 Resp: 20775

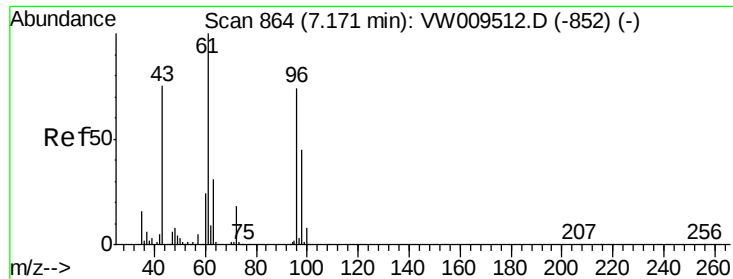
Ion Ratio Lower Upper

84 100

49 125.4 96.0 178.2

86 53.9 44.4 82.5





#21
 2-Butanone
 Concen: 20.611 ug/L m
 RT: 7.14 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: VW009514.D
 Acq: 27 Mar 2019 22:16

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M8RE

Tot Ion: 43 Resp: 27458
 Ion Ratio Lower Upper
 43 100
 72 0.2 13.1 39.1#

Manual Integrations
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