

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009769.D
 Acq On : 06 Apr 2019 13:40
 Operator : SY/VA
 Sample : K2327-02
 Misc : 5.25G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R8

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:03 AM

Quant Time: Apr 07 05:11:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	523603	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	498787	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221331	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	161070	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.04%
7) Chloroethane-d5	2.89	69	147222	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
10) 1,1-Dichloroethene-d2	4.01	63	283142	19.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.88%
20) 2-Butanone-d5	7.07	46	99678	44.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.62%
24) Chloroform-d	7.64	84	368697	25.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	8.31	65	222713	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.56%
29) Benzene-d6	8.27	84	698513	26.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.72%
33) 1,2-Dichloropropane-d6	9.27	67	209675	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.72%
37) Toluene-d8	10.32	98	633172	26.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.60%
38) trans-1,3-Dichloropropene-	10.57	79	91938	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.36%
39) 2-Hexanone-d5	10.93	63	68153	44.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168293	22.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	214173	27.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.32%

Target Compounds

					Ovalue
13) Acetone	4.12	43	22801	9.566 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	9291	1.201 ug/L	98
35) Trichloroethene	9.09	95	7621	0.970 ug/L	98
47) Tetrachloroethene	10.86	164	120616	19.500 ug/L	99

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

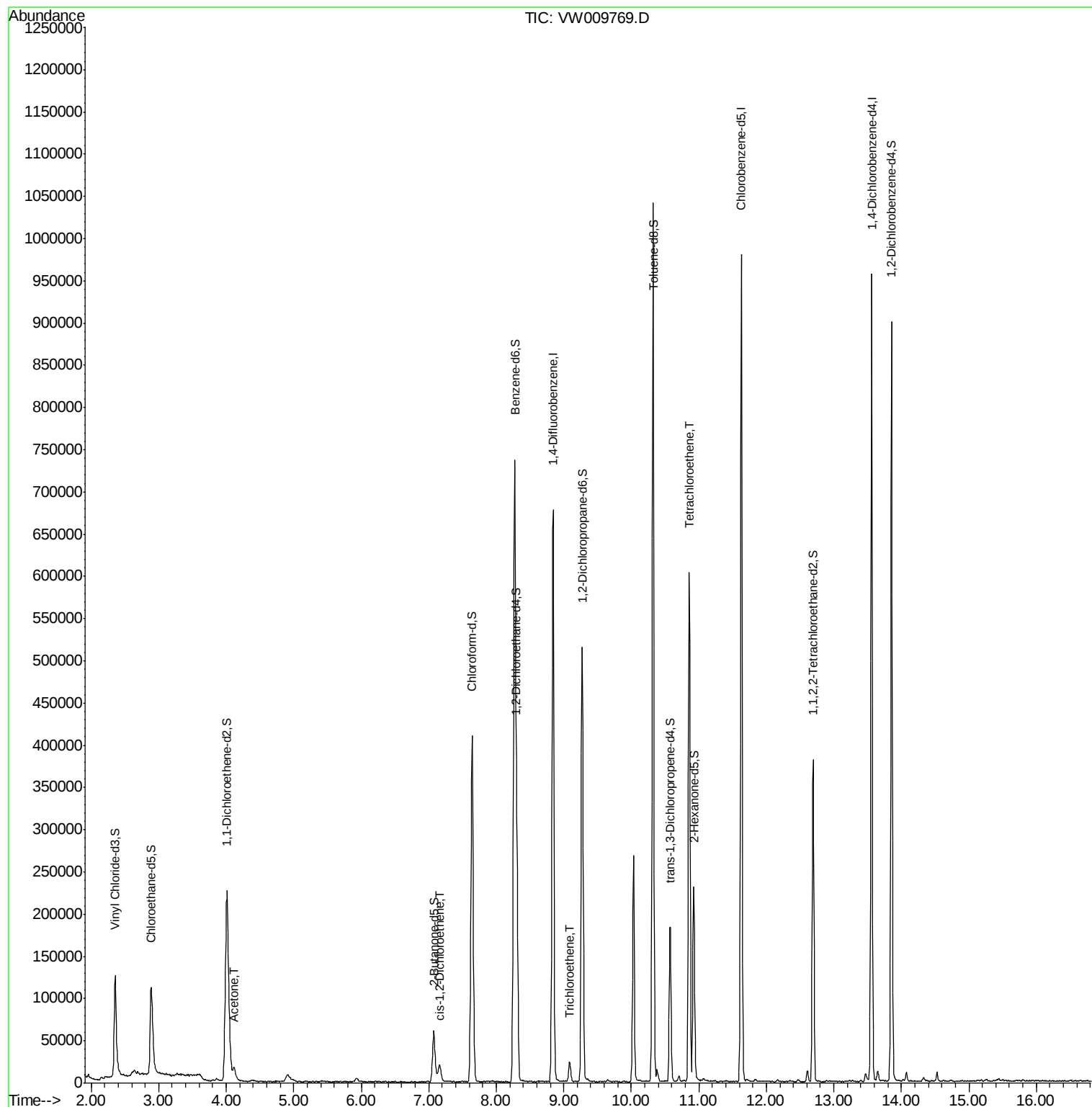
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009769.D
Acq On : 06 Apr 2019 13:40
Operator : SY/VA
Sample : K2327-02
Misc : 5.25G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

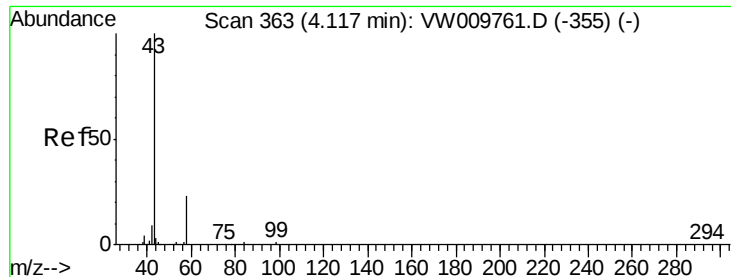
Instrument :
MSVOA_W
ClientSampleId :
BF2R8

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:43:03 AM

Quant Time: Apr 07 05:11:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.566 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009769.D

Acq: 06 Apr 2019 13:40

Instrument :

MSVOA_W

ClientSampleId :

BF2R8

Tot Ion: 43 Resp: 22801

Ion Ratio Lower Upper

43 100

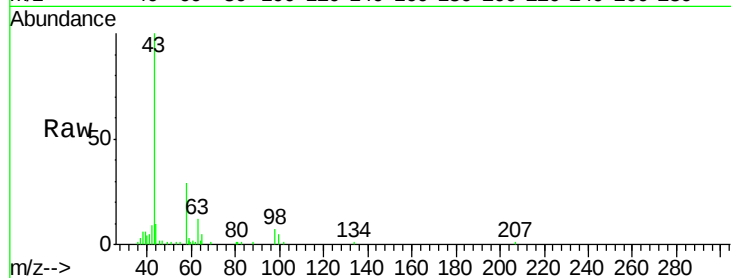
58 27.7 0.0 53.0

Manual Integrations

APPROVED

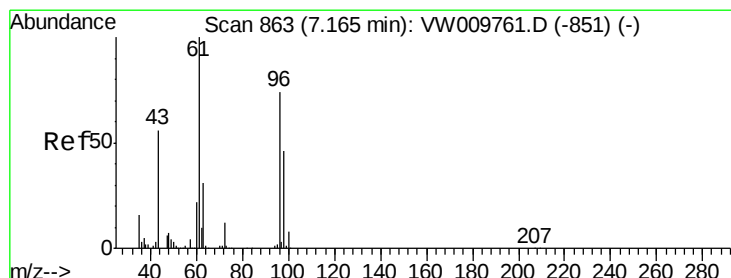
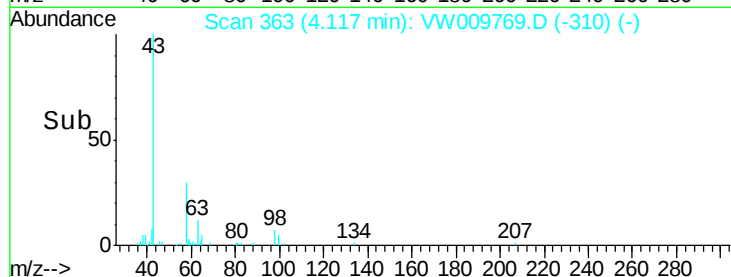
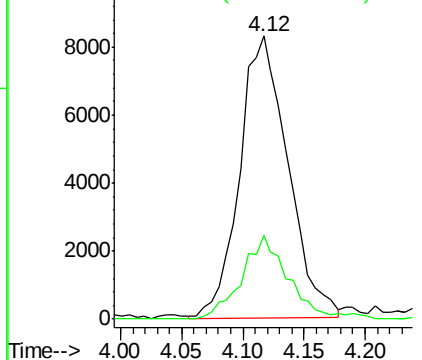
MMDadoda

4/11/2019 11:43:03 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 1.201 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009769.D

Acq: 06 Apr 2019 13:40

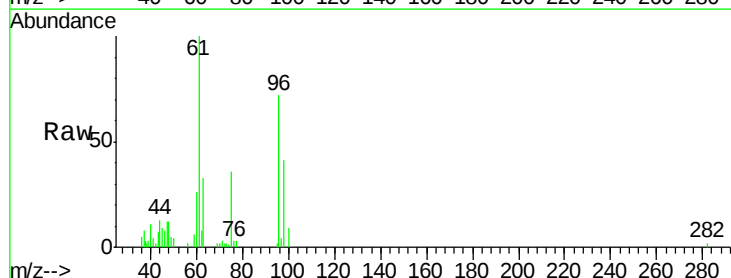
Tgt Ion: 96 Resp: 9291

Ion Ratio Lower Upper

96 100

61 138.7 96.8 179.8

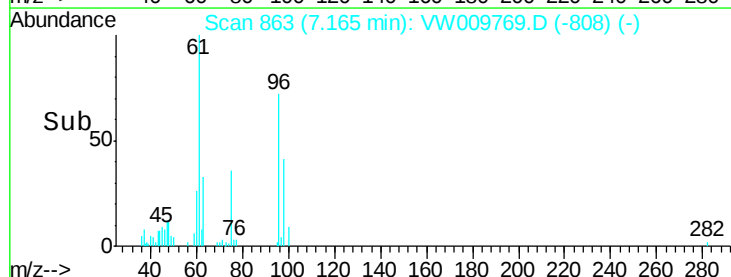
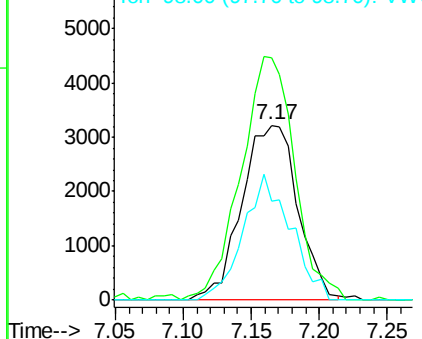
98 56.6 43.5 80.9

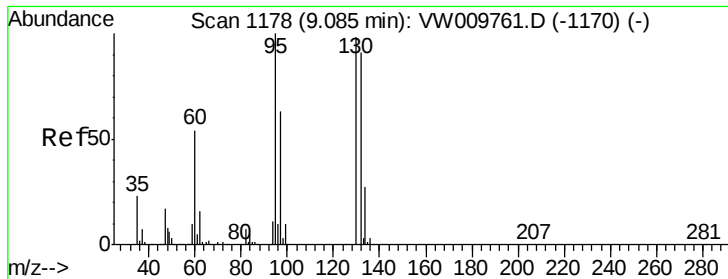


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





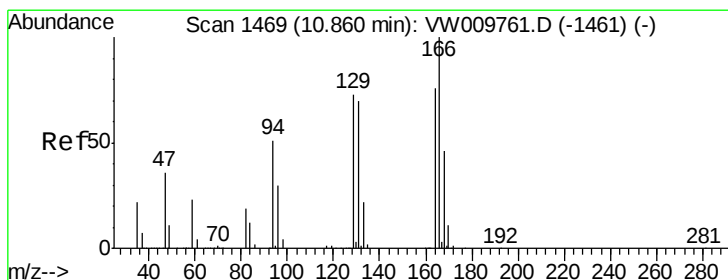
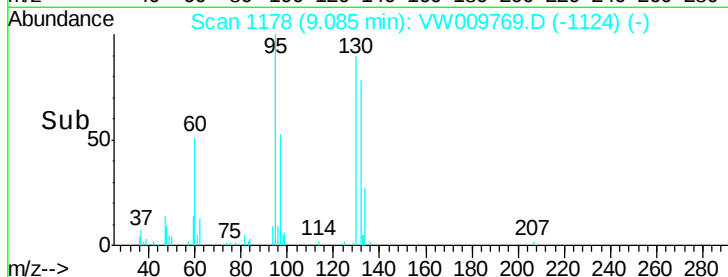
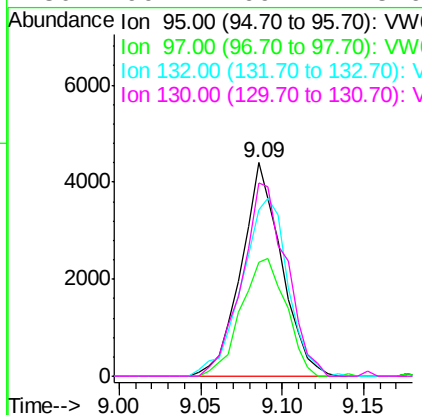
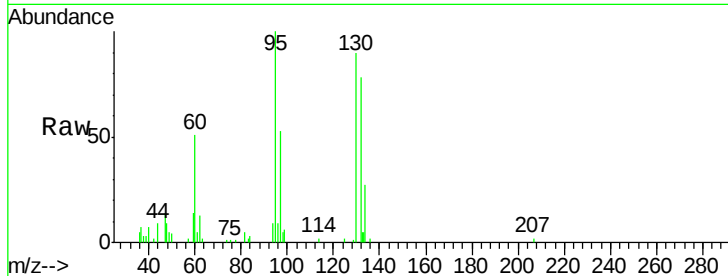
#35
 Trichloroethene
 Concen: 0.970 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009769.D
 Acq: 06 Apr 2019 13:40

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2R8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		7621		
97	61.2	44.9	83.5		
132	94.5	67.1	124.7		
130	99.2	69.2	128.6		

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:03 AM



#47
 Tetrachloroethene
 Concen: 19.500 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009769.D
 Acq: 06 Apr 2019 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		120616		
129	97.1	68.9	127.9		
131	90.2	63.1	117.1		
166	127.8	88.5	164.4		

