

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009771.D
 Acq On : 06 Apr 2019 14:34
 Operator : SY/VA
 Sample : K2327-04
 Misc : 5.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S0

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:04 AM

Quant Time: Apr 07 06:06:55 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	509798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483309	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203769	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	161560	24.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.88%
7) Chloroethane-d5	2.89	69	146872	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.12%
10) 1,1-Dichloroethene-d2	4.01	63	280813	19.57	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.28%
20) 2-Butanone-d5	7.07	46	98437	45.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.90%
24) Chloroform-d	7.64	84	369654	26.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.28%
26) 1,2-Dichloroethane-d4	8.30	65	225406	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.56%
29) Benzene-d6	8.27	84	703906	27.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.96%
33) 1,2-Dichloropropane-d6	9.27	67	214628	27.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.56%
37) Toluene-d8	10.32	98	634590	27.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.20%
38) trans-1,3-Dichloropropene-	10.58	79	90804	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.20%
39) 2-Hexanone-d5	10.93	63	70606	47.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	168508	23.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	206968	28.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.80%

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	7.16	96	4179	0.555 ug/L #	71
35) Trichloroethene	9.09	95	45042	5.919 ug/L	98
47) Tetrachloroethene	10.86	164	12782	2.133 ug/L	95

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

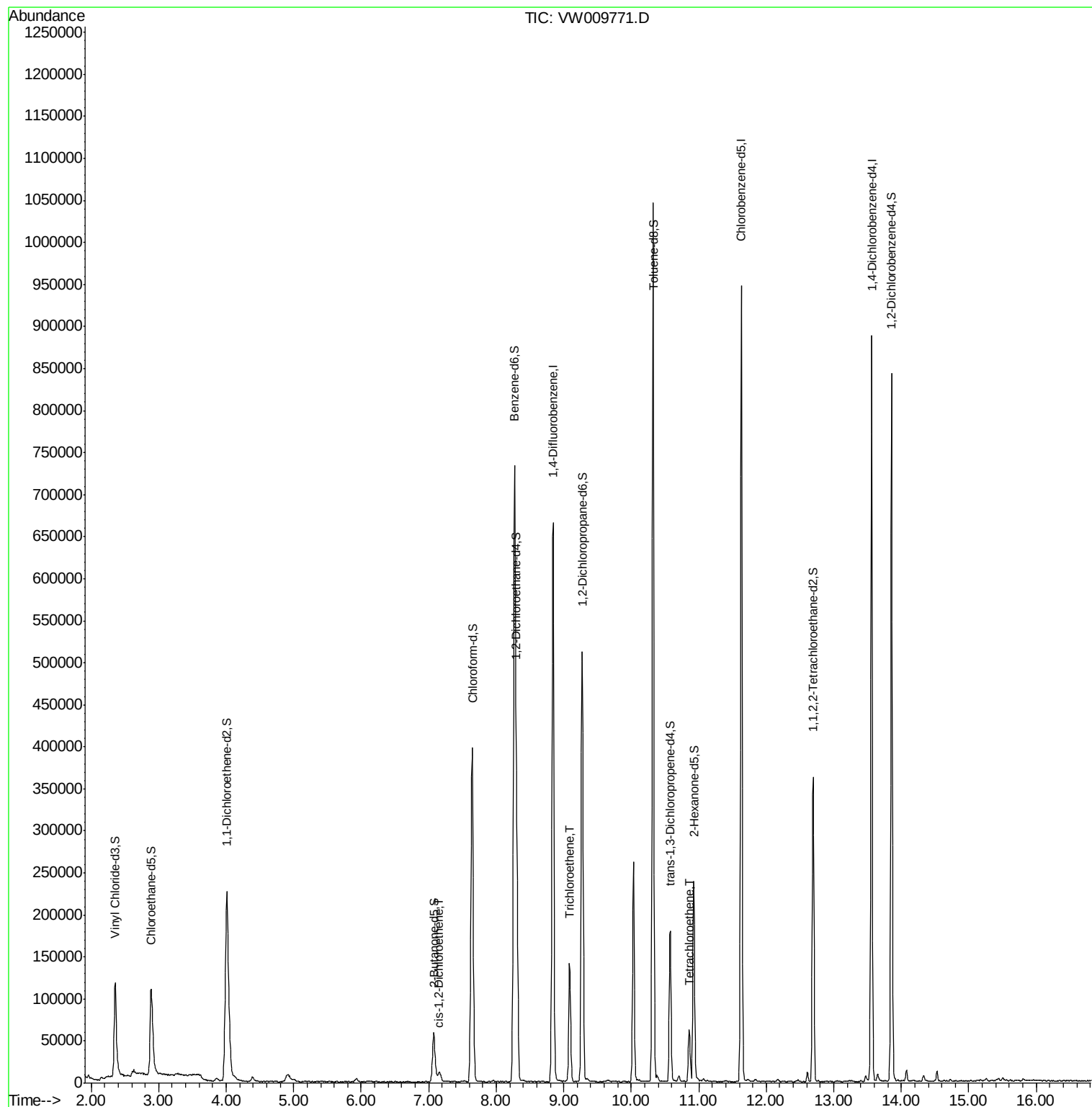
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009771.D
Acq On : 06 Apr 2019 14:34
Operator : SY/VA
Sample : K2327-04
Misc : 5.73G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

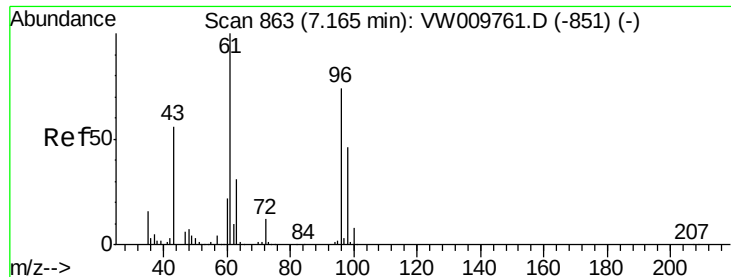
Instrument :
MSVOA_W
ClientSampleId :
BF2S0

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:43:04 AM

Quant Time: Apr 07 06:06:55 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





#22

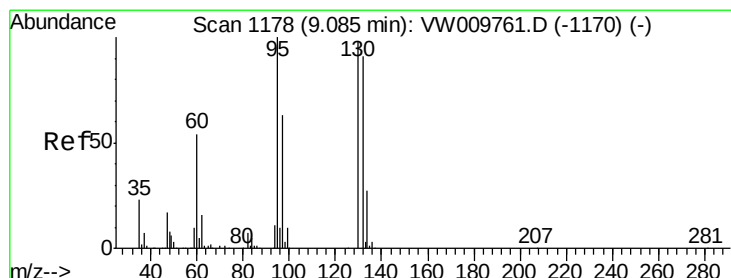
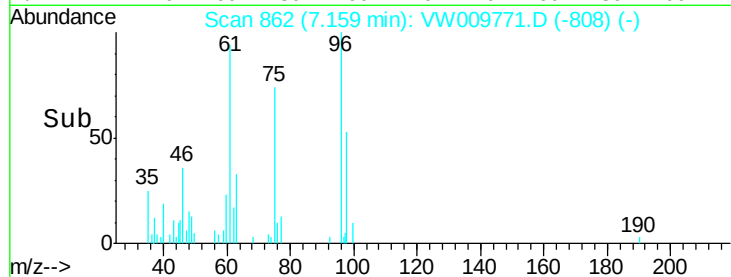
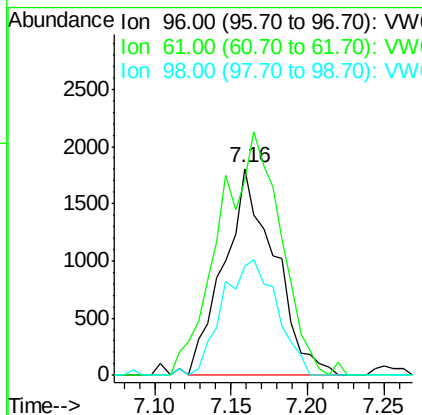
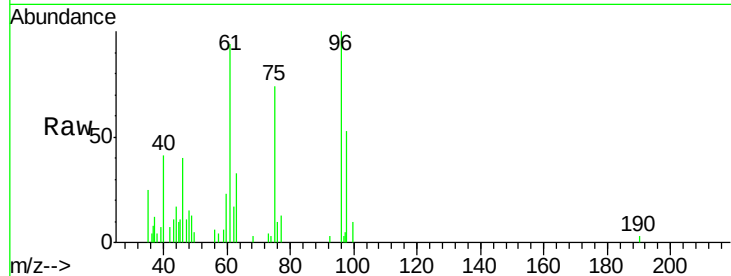
cis-1,2-Dichloroethene
 Concen: 0.555 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW009771.D
 Acq: 06 Apr 2019 14:34

Instrument :
 MSVOA_W
 ClientSampled :
 BF2S0

Tot Ion	Ratio	Lower	Upper
96	100		
61	94.2	96.8	179.8#
98	52.8	43.5	80.9

Manual Integrations
 APPROVED

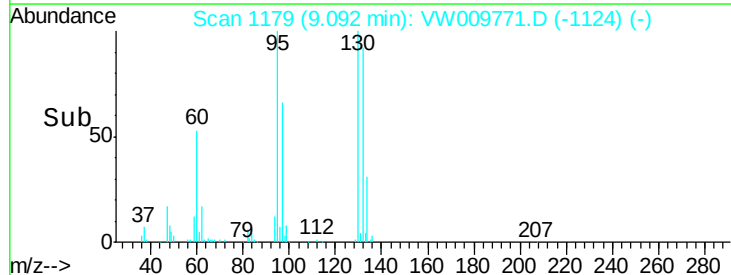
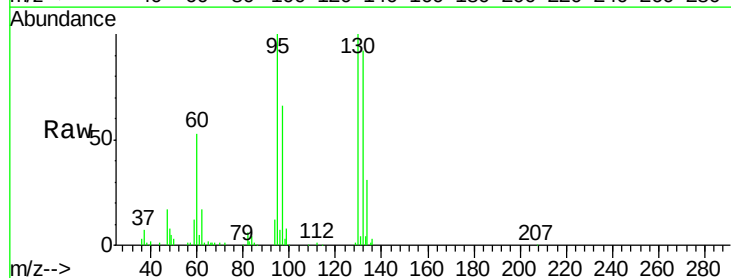
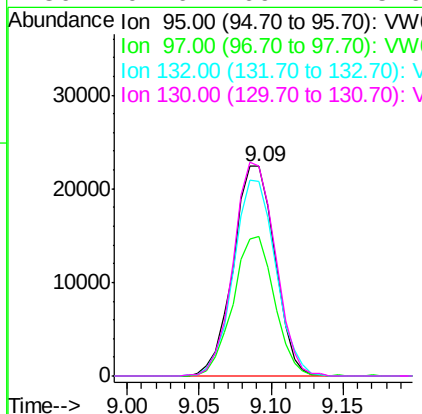
MMDadoda
 4/11/2019 11:43:04 AM

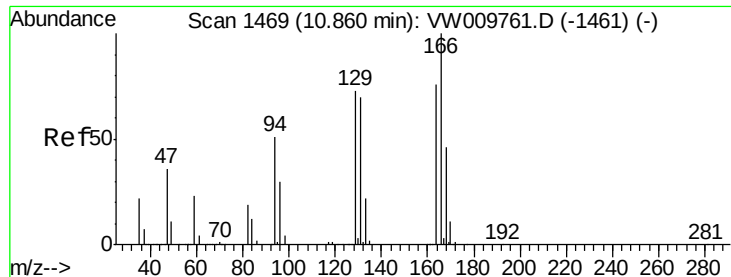


#35

Trichloroethene
 Concen: 5.919 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009771.D
 Acq: 06 Apr 2019 14:34

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.9	83.5
132	94.5	67.1	124.7
130	102.6	69.2	128.6





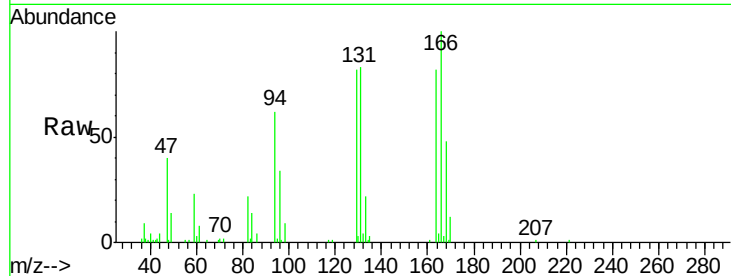
#47
Tetrachloroethene
Concen: 2.133 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009771.D
Acq: 06 Apr 2019 14:34

Instrument :
MSVOA_W
ClientSampleId :
BF2S0

Tot Ion	Ratio	Lower	Upper
164	100		
129	100.5	68.9	127.9
131	101.1	63.1	117.1
166	122.3	88.5	164.4

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:43:04 AM



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

