

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009945.D
 Acq On : 12 Apr 2019 06:38
 Operator : SY/VA
 Sample : K2328-22
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB740

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:41 AM

Quant Time: Apr 12 08:54:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 05:38:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	530681	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	525827	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	216598	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101177	14.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.28%
7) Chloroethane-d5	2.89	69	100526	15.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.20%
10) 1,1-Dichloroethene-d2	4.01	63	201514	13.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.96%
20) 2-Butanone-d5	7.08	46	117537	52.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.26%
24) Chloroform-d	7.64	84	331214	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	8.30	65	214551	24.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.52%
29) Benzene-d6	8.27	84	580235	21.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.08%
33) 1,2-Dichloropropane-d6	9.27	67	194912	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.44%
37) Toluene-d8	10.32	98	489230	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.68%
38) trans-1,3-Dichloropropene-	10.58	79	76952	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.68%
39) 2-Hexanone-d5	10.93	63	85936	53.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	183150	23.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	187085	24.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.44%

Target Compounds					Ovalue	
16) Methylene chloride	4.92	84	21079m	2.252	ug/L	
22) cis-1,2-Dichloroethene	7.17	96	97827	12.478	ug/L	97
35) Trichloroethene	9.09	95	80055	9.669	ug/L	99
47) Tetrachloroethene	10.86	164	226339	34.710	ug/L	99

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

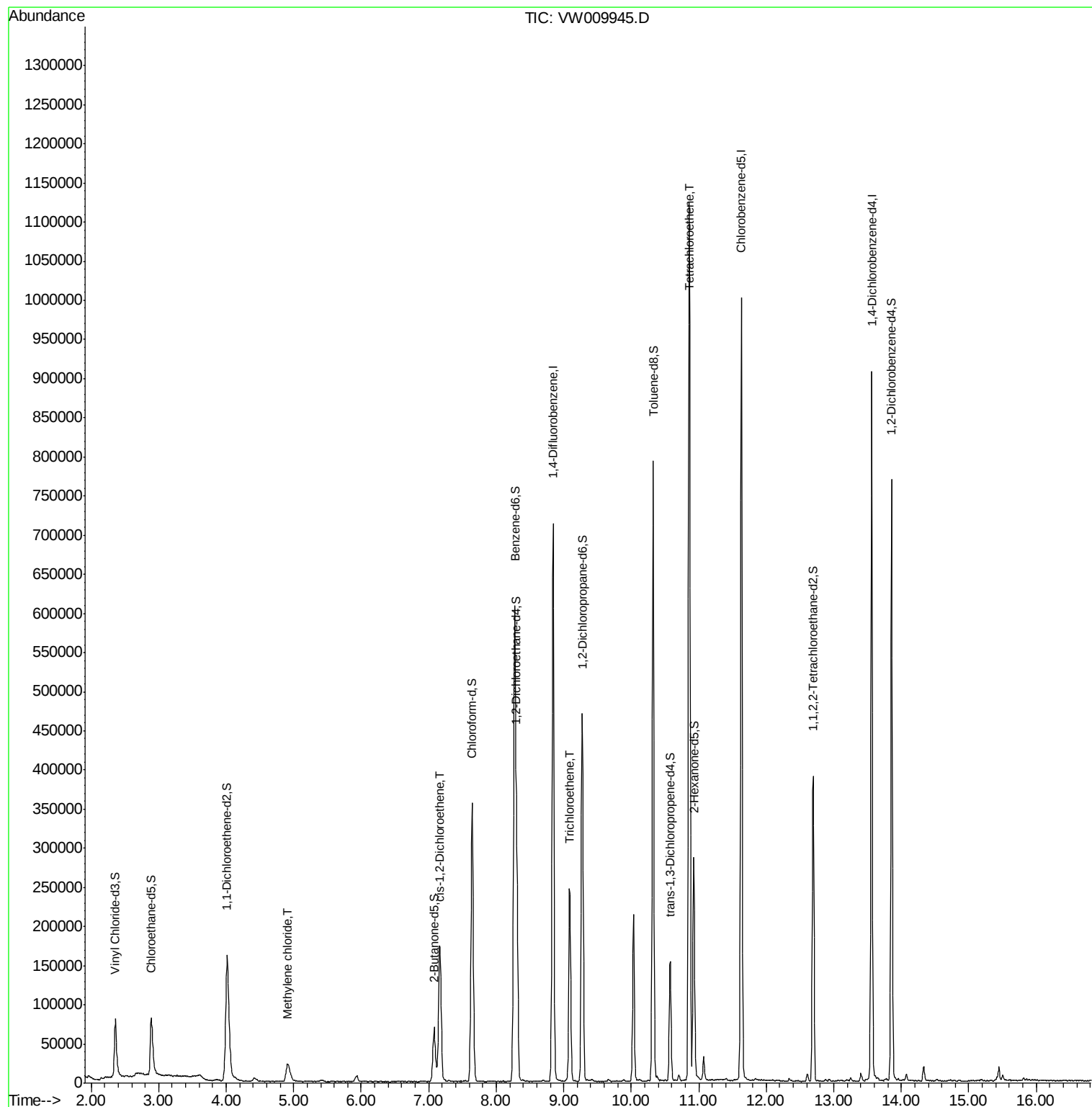
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041119\
Data File : VW009945.D
Acq On : 12 Apr 2019 06:38
Operator : SY/VA
Sample : K2328-22
Misc : 5.01G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

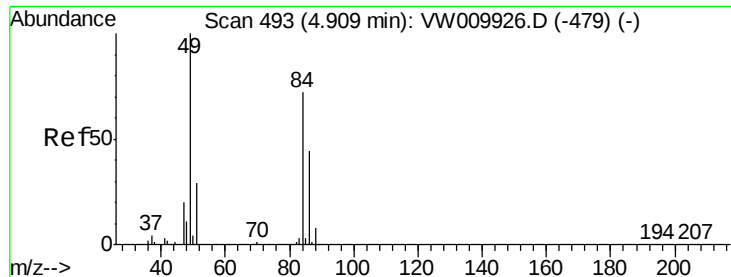
Instrument :
MSVOA_W
ClientSampleId :
DB740

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:30:41 AM

Quant Time: Apr 12 08:54:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 05:38:57 2019
Response via : Initial Calibration





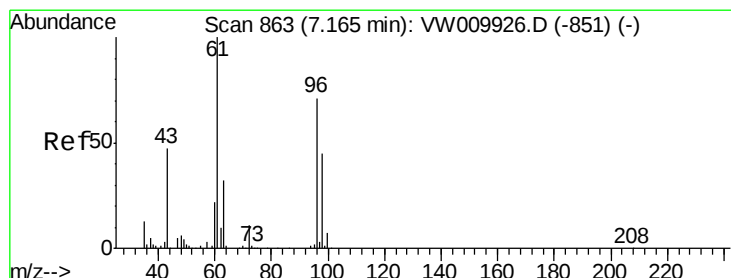
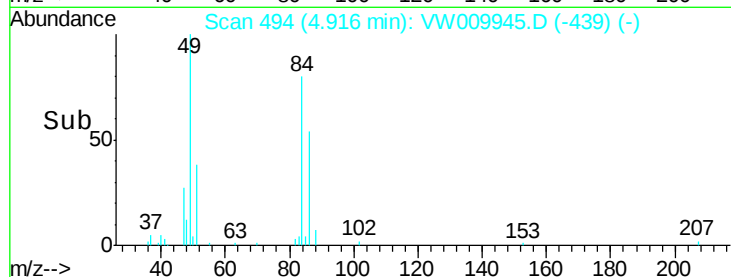
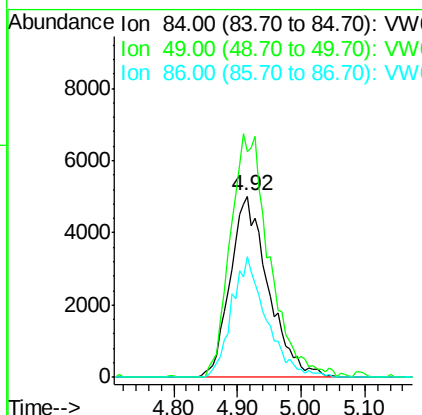
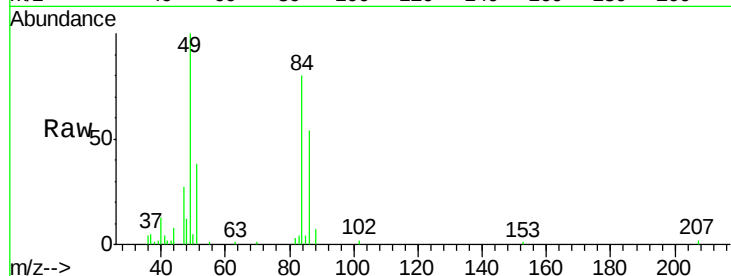
#16
Methvlene chloride
Concen: 2.252 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW009945.D
Acq: 12 Apr 2019 06:38

Instrument :
MSVOA_W
ClientSampled :
DB740

Tot Ion	Ratio	Lower	Upper
84	100		
49	124.7	98.3	182.5
86	66.7	46.4	86.2

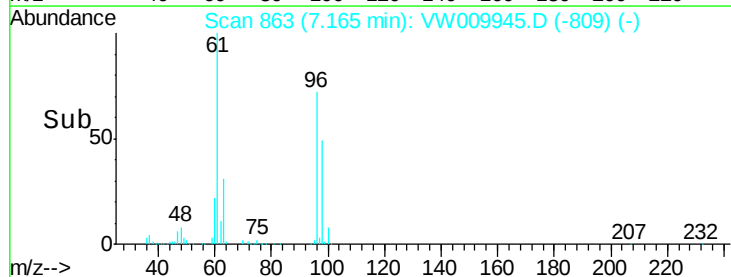
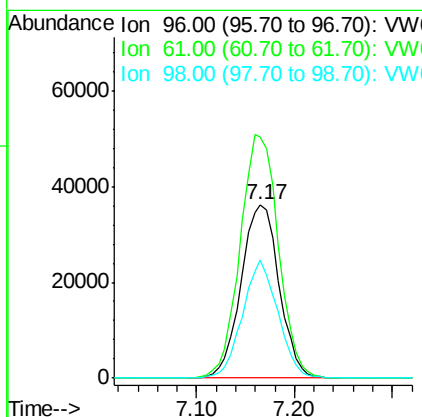
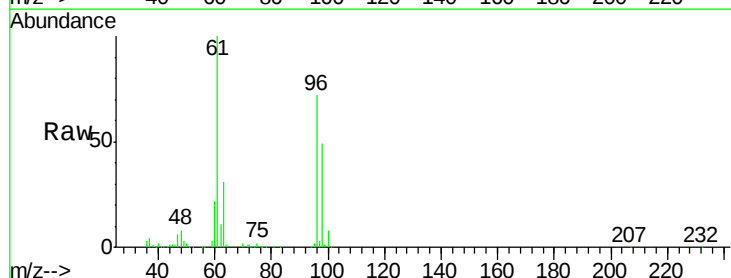
Manual Integrations
APPROVED

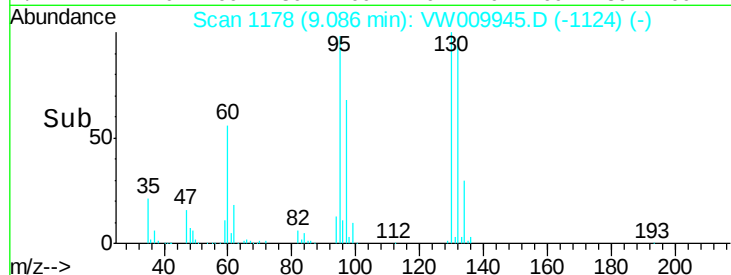
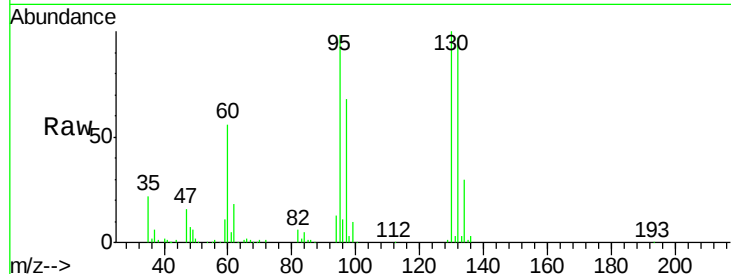
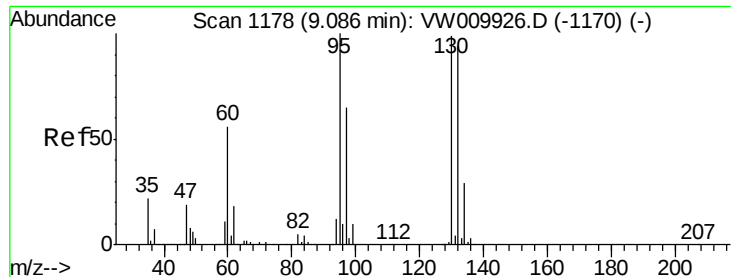
MMDadoda
4/15/2019 12:30:41 AM



#22
cis-1,2-Dichloroethene
Concen: 12.478 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW009945.D
Acq: 12 Apr 2019 06:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.1	96.8	179.8
98	68.0	43.5	80.9





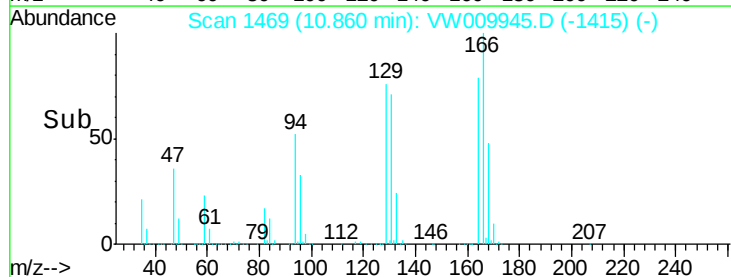
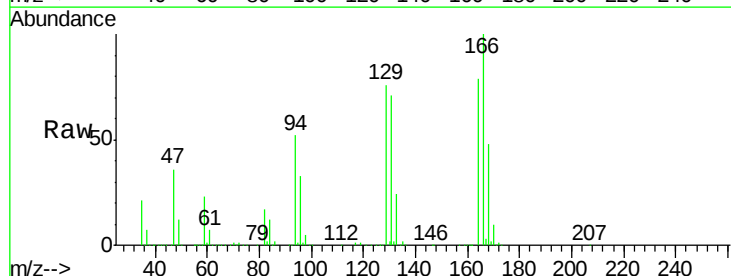
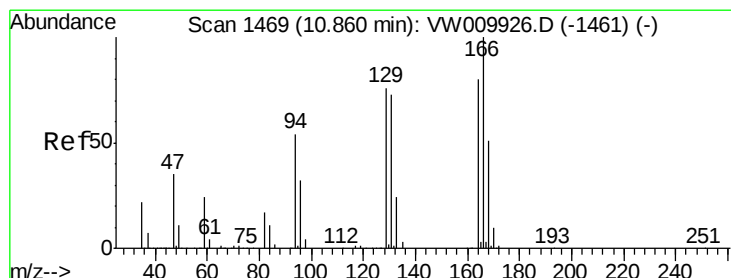
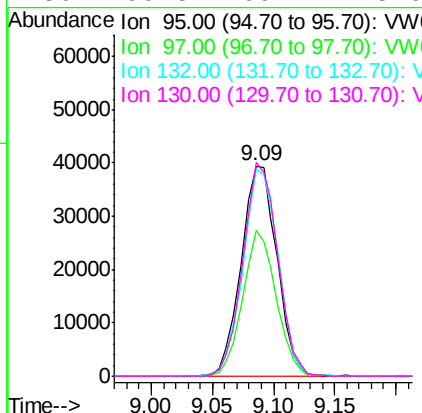
#35
 Trichloroethene
 Concen: 9.669 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VW009945.D
 Acq: 12 Apr 2019 06:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		80055		
97	65.0	44.9	83.5		
132	97.5	67.1	124.7		
130	99.5	69.2	128.6		

Instrument :
 MSVOA_W
 ClientSampleId :
 DB740

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:41 AM



#47
 Tetrachloroethene
 Concen: 34.710 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW009945.D
 Acq: 12 Apr 2019 06:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		226339		
129	96.8	68.9	127.9		
131	90.4	63.1	117.1		
166	127.3	88.5	164.4		

