

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009941.D
 Acq On : 12 Apr 2019 04:49
 Operator : SY/VA
 Sample : K2328-12
 Misc : 4.56G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB727

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:30:40 AM

Quant Time: Apr 12 05:47:17 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	504630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	505022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203619	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92829	14.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.24%
7) Chloroethane-d5	2.89	69	97937	16.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.76%
10) 1,1-Dichloroethene-d2	4.02	63	187221	13.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.72%
20) 2-Butanone-d5	7.07	46	117399	54.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.52%
24) Chloroform-d	7.65	84	330961	24.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	8.31	65	219543	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.88%
29) Benzene-d6	8.27	84	576884	21.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.04%
33) 1,2-Dichloropropane-d6	9.27	67	202243	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.80%
37) Toluene-d8	10.32	98	485993	19.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.32%
38) trans-1,3-Dichloropropene-	10.58	79	78266	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.16%
39) 2-Hexanone-d5	10.93	63	72581	47.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	184818	24.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	184596	25.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.36%

Target Compounds					Ovalue
13) Acetone	4.12	43	10538	4.587 ug/L	95
14) Carbon disulfide	4.38	76	20505	0.984 ug/L #	92
16) Methylene chloride	4.91	84	17465m	1.962 ug/L	

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

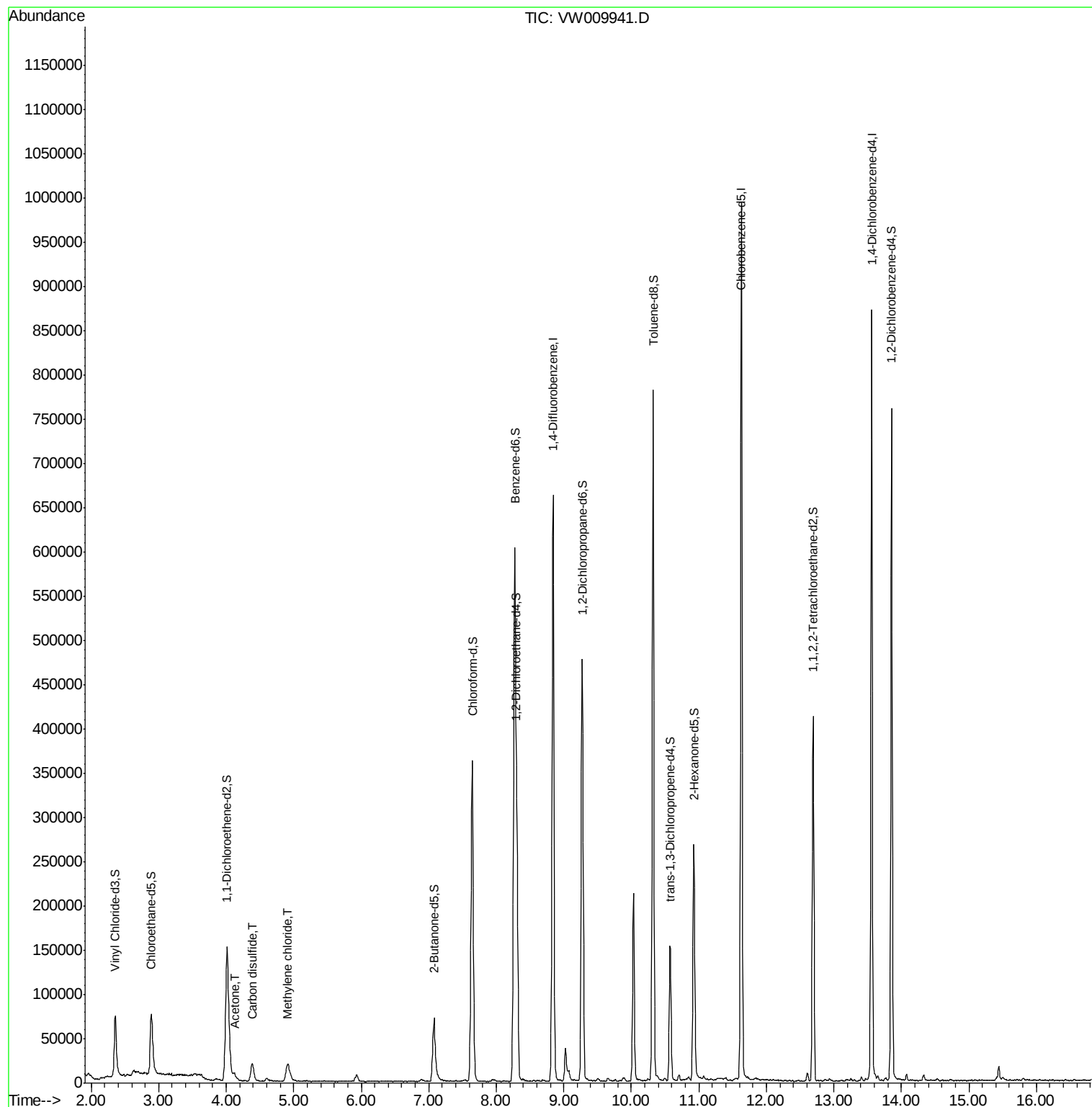
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041119\
Data File : VW009941.D
Acq On : 12 Apr 2019 04:49
Operator : SY/VA
Sample : K2328-12
Misc : 4.56G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

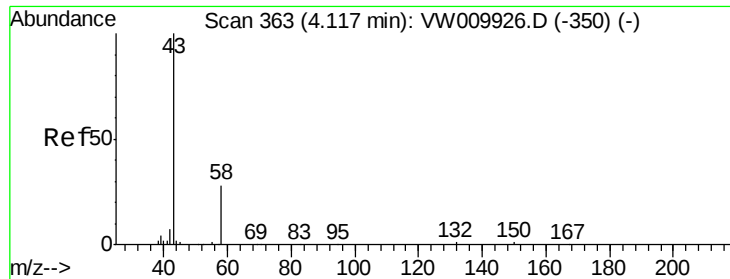
Instrument :
MSVOA_W
ClientSampleId :
DB727

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:30:40 AM

Quant Time: Apr 12 05:47:17 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





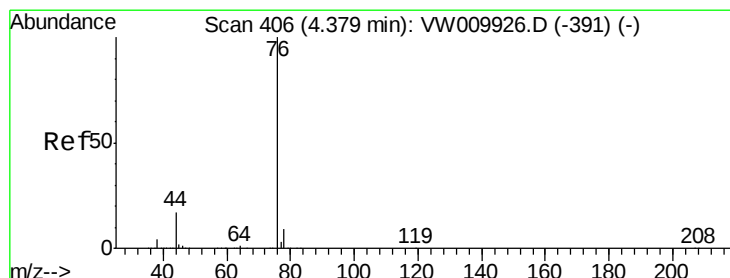
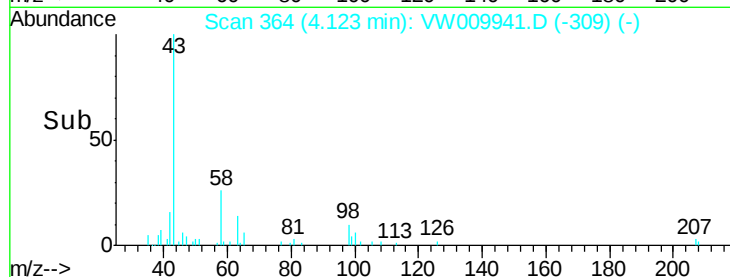
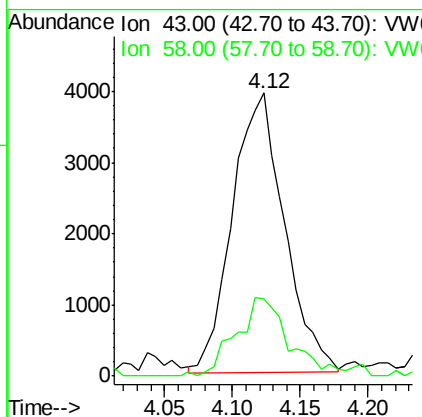
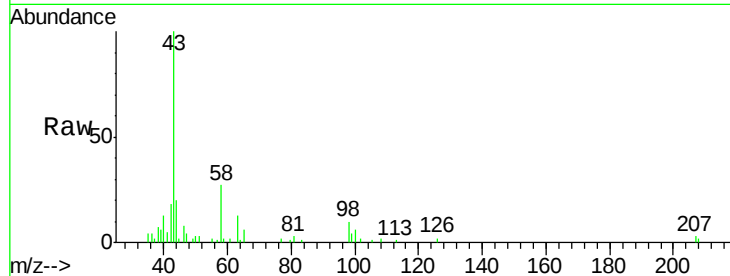
#13
Acetone
Concen: 4.587 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009941.D
Acq: 12 Apr 2019 04:49

Instrument :
MSVOA_W
ClientSampleId :
DB727

Tot Ion	Ratio	Lower	Upper
43	100		
58	23.7	0.0	53.0

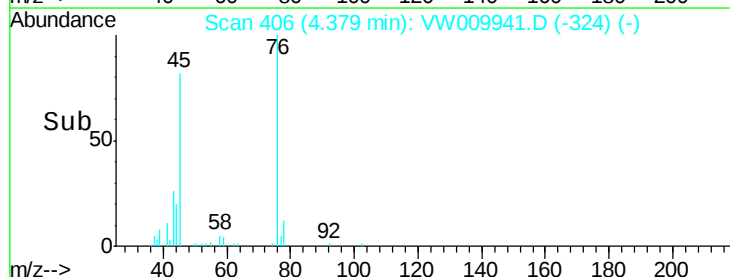
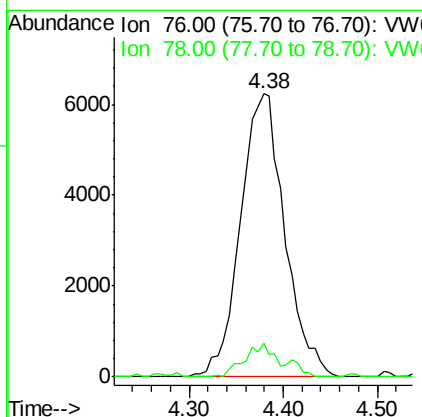
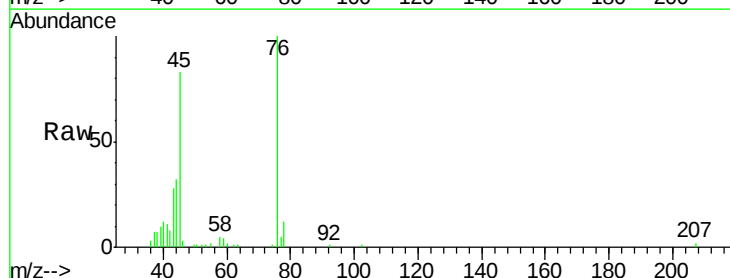
Manual Integrations
APPROVED

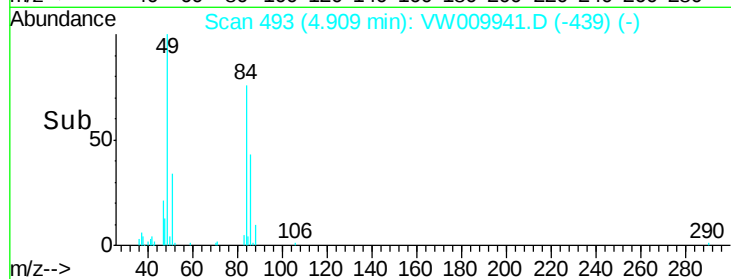
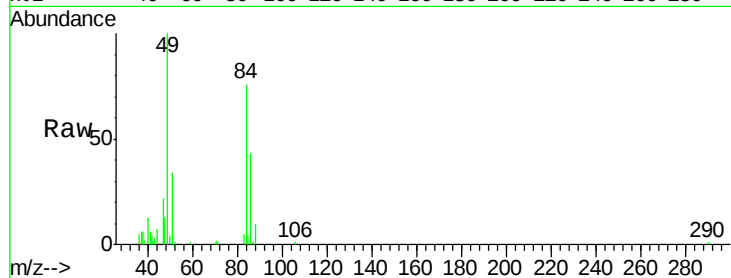
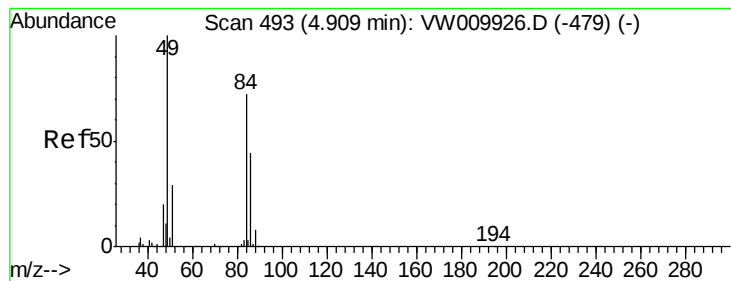
MMDadoda
4/15/2019 12:30:40 AM



#14
Carbon disulfide
Concen: 0.984 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW009941.D
Acq: 12 Apr 2019 04:49

Tgt Ion	Ratio	Lower	Upper
76	100		
78	12.0	7.3	10.9#





#16
Methvlene chloride
Concen: 1.962 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009941.D
Acq: 12 Apr 2019 04:49

Tot Ion	Ratio	Resp	Lower	Upper
84	100			
49	131.7	98.3	182.5	
86	57.0	46.4	86.2	

Instrument :
MSVOA_W
ClientSampleId :
DB727

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:30:40 AM

