

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006920.D
 Acq On : 16 Nov 2018 16:57
 Operator : SY/AP
 Sample : J5979-01
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ET100

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 4:44:33 PM

Quant Time: Nov 17 01:05:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:51:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	147840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	127505	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	47053	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	35348	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
7) Chloroethane-d5	2.89	69	27281	28.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.40%
10) 1,1-Dichloroethene-d2	4.03	63	68465	19.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.12%
20) 2-Butanone-d5	7.09	46	21110	29.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.36%
24) Chloroform-d	7.65	84	87328	26.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.72%
26) 1,2-Dichloroethane-d4	8.31	65	49517	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.24%
29) Benzene-d6	8.28	84	178214	26.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.96%
33) 1,2-Dichloropropane-d6	9.28	67	54825	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.48%
37) Toluene-d8	10.33	98	174886	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.48%
38) trans-1,3-Dichloropropene-	10.58	79	20131	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.88%
39) 2-Hexanone-d5	10.93	63	16631	32.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34339	19.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	43112	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds

					Ovalue
13) Acetone	4.15	43	8000	17.167 ug/L	91
16) Methylene chloride	4.92	84	5216m	2.018 ug/L	
54) m,p-Xylene	11.84	106	2755	0.741 ug/L	96
55) o-xylene	12.17	106	2146	0.630 ug/L	87

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

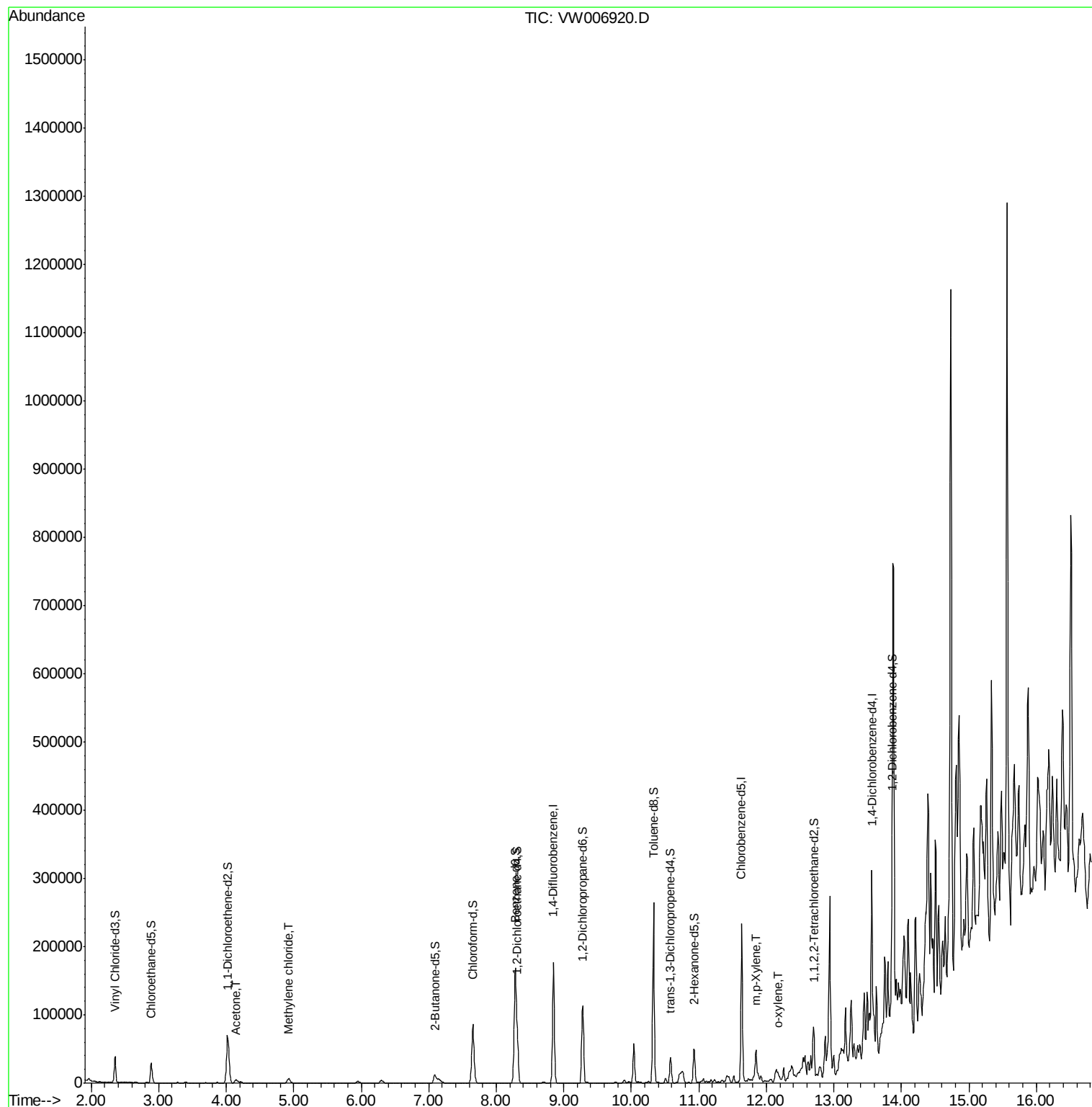
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

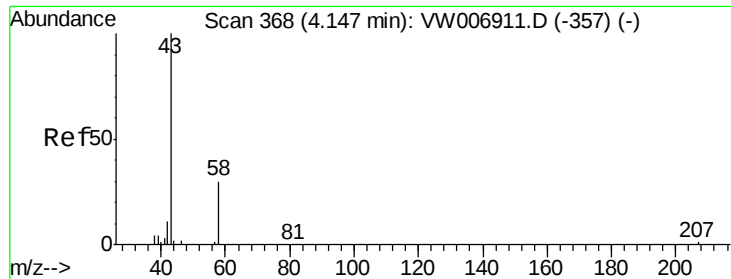
Instrument :
MSVOA_W
ClientSampleId :
ET100

Manual Integrations
APPROVED

MMDadoda
11/19/2018 4:44:33 PM

Quant Time: Nov 17 01:05:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration





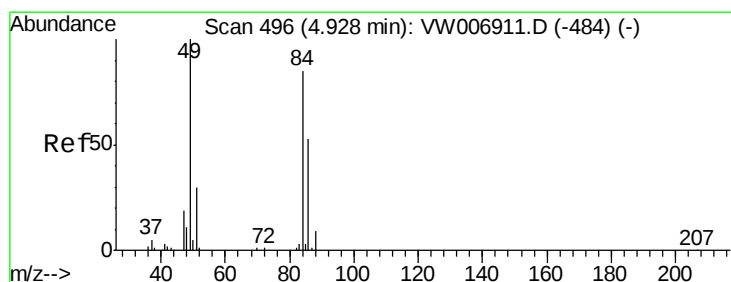
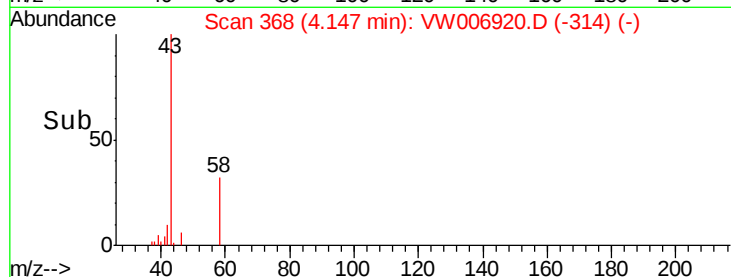
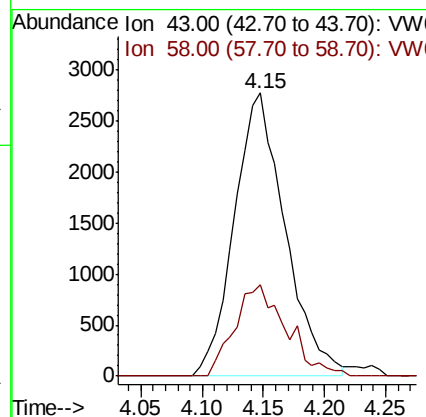
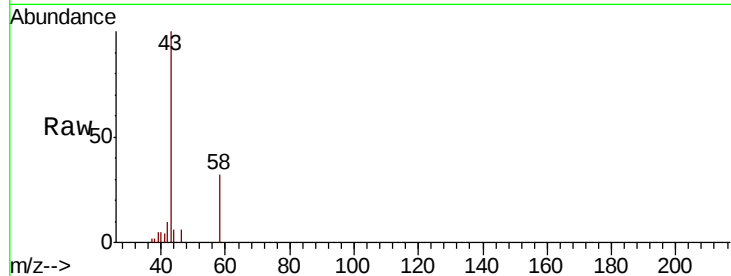
#13
Acetone
Concen: 17.167 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006920.D
Acq: 16 Nov 2018 16:57

Instrument :
MSVOA_W
ClientSampleId :
ET100

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.9	0.0	65.6

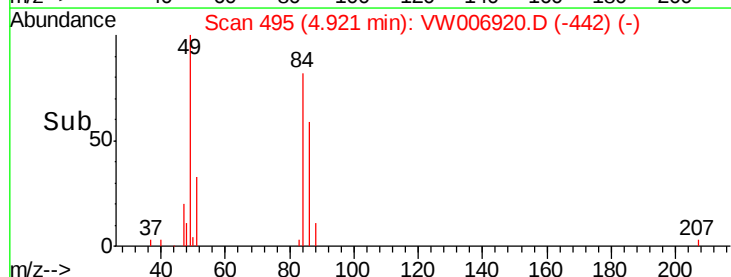
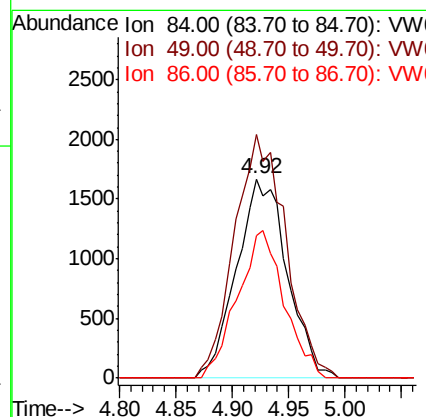
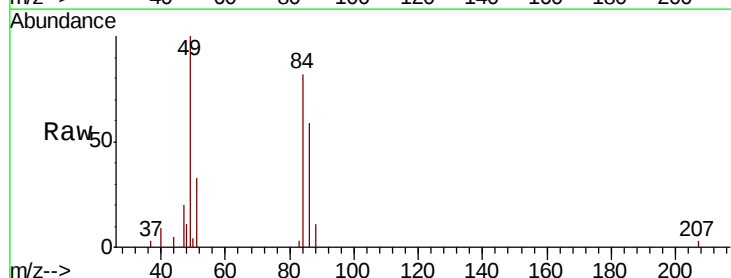
Manual Integrations
APPROVED

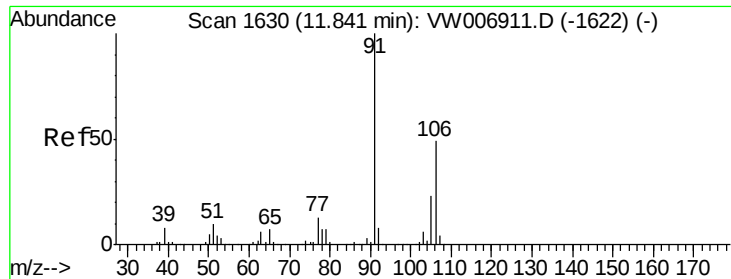
MMDadoda
11/19/2018 4:44:33 PM



#16
Methylene chloride
Concen: 2.018 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW006920.D
Acq: 16 Nov 2018 16:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	79.3	147.3
86	71.7	43.5	80.9





#54

m,p-Xylene

Concen: 0.741 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006920.D

Acq: 16 Nov 2018 16:57

Instrument :

MSVOA_W

ClientSampleId :

ET100

Tot Ion:106 Resp: 2755

Ion Ratio Lower Upper

106 100

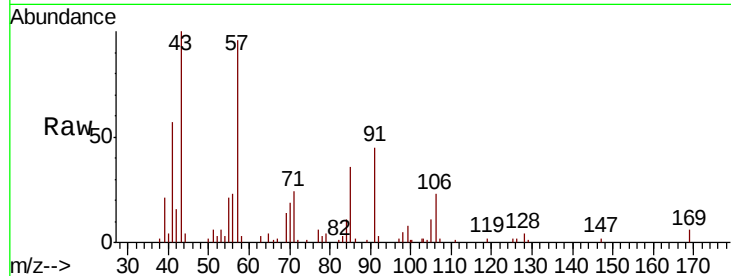
91 195.5 141.5 262.9

Manual Integrations

APPROVED

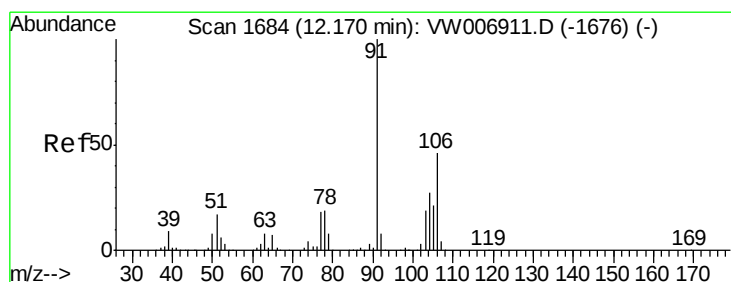
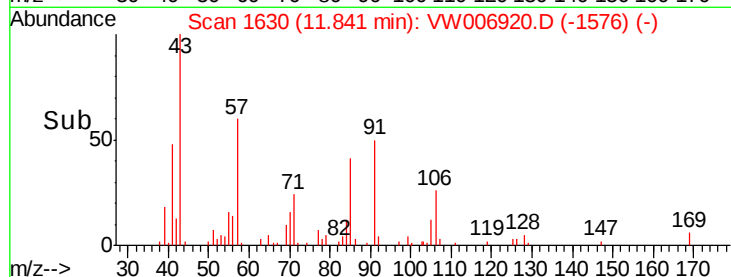
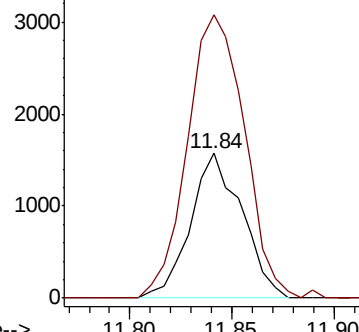
MMDadoda

11/19/2018 4:44:33 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.630 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW006920.D

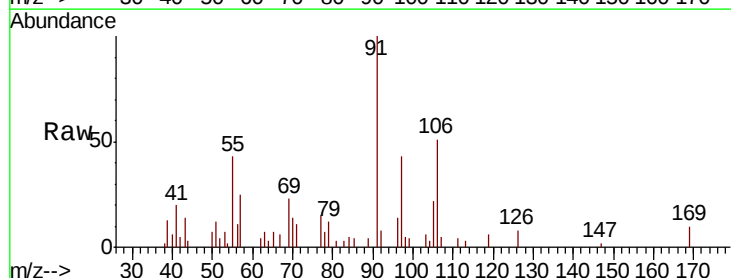
Acq: 16 Nov 2018 16:57

Tgt Ion:106 Resp: 2146

Ion Ratio Lower Upper

106 100

91 195.4 151.3 281.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

