

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009353.D
 Acq On : 22 Mar 2019 17:21
 Operator : SY/VA
 Sample : K2017-20
 Misc : 5.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0E9

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:35 AM

Quant Time: Mar 24 14:33:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	316201	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281676	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99941	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82415	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
7) Chloroethane-d5	2.89	69	86003	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.80%
10) 1,1-Dichloroethene-d2	4.02	63	126356	15.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.88%
20) 2-Butanone-d5	7.08	46	97691	62.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.04%
24) Chloroform-d	7.65	84	192660	22.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	8.30	65	125548	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.60%
29) Benzene-d6	8.27	84	337789	21.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.96%
33) 1,2-Dichloropropane-d6	9.27	67	110641	23.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.84%
37) Toluene-d8	10.32	98	276779	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.08%
38) trans-1,3-Dichloropropene-	10.58	79	46487	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.36%
39) 2-Hexanone-d5	10.93	63	66198	58.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120549	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	82540	21.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.16%

Target Compounds

					Ovalue
13) Acetone	4.12	43	244395	190.713	100
14) Carbon disulfide	4.37	76	23177m	2.212	
16) Methylene chloride	4.92	84	11038m	2.394	
21) 2-Butanone	7.17	43	87736	49.585	77

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

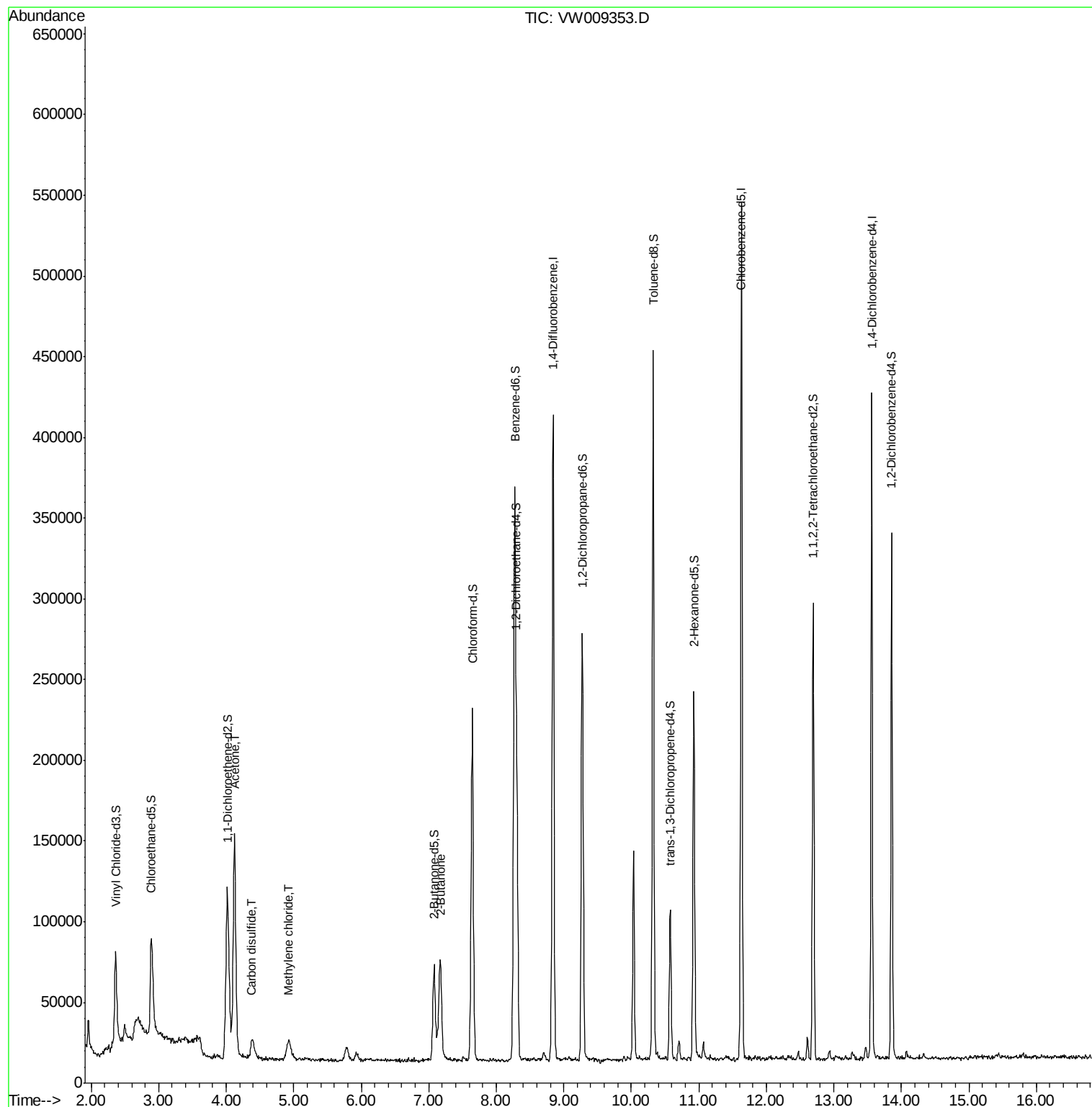
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009353.D
Acq On : 22 Mar 2019 17:21
Operator : SY/VA
Sample : K2017-20
Misc : 5.27G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

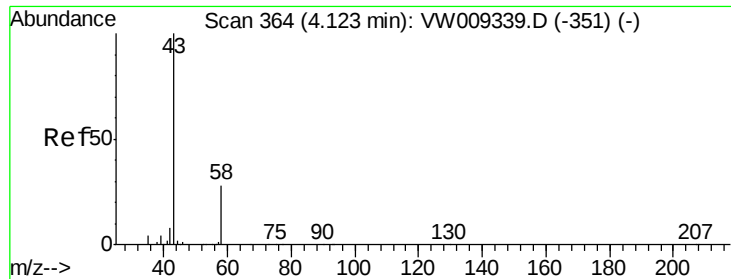
Instrument :
MSVOA_W
ClientSampleId :
BF0E9

Manual Integrations
APPROVED

MMDadoda
3/25/2019 8:29:35 AM

Quant Time: Mar 24 14:33:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 00:14:14 2019
Response via : Initial Calibration





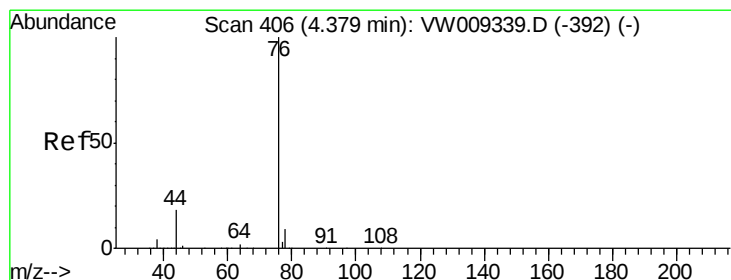
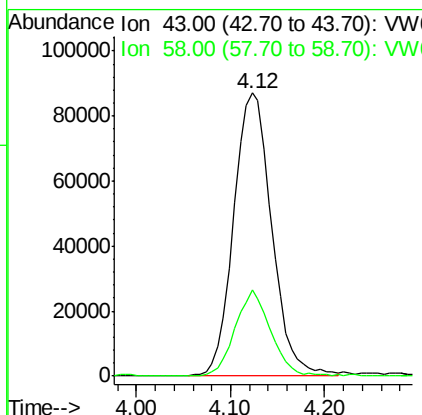
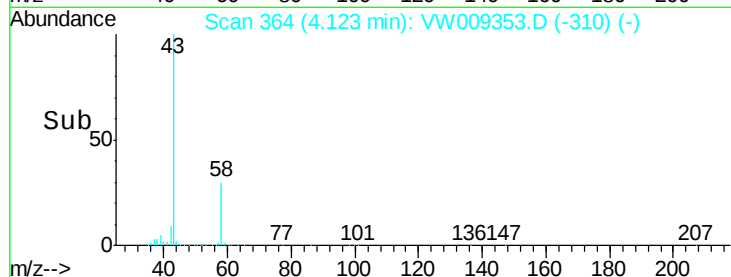
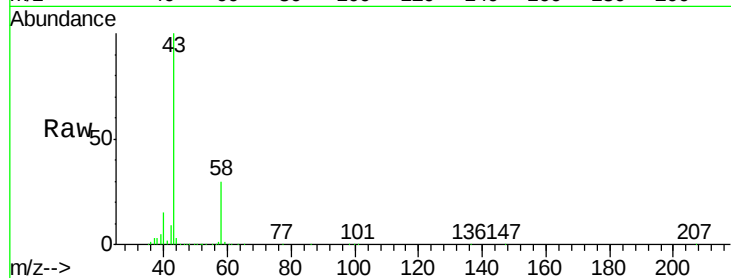
#13
Acetone
Concen: 190.713 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW009353.D
Acq: 22 Mar 2019 17:21

Instrument :
MSVOA_W
ClientSampled :
BF0E9

Tot Ion	Ratio	Resp	Lower	Upper
43	100	244395		
58	28.1		0.0	56.2

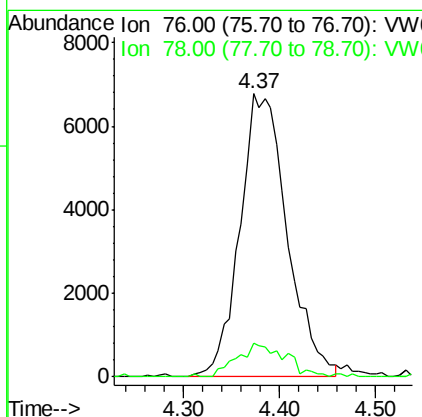
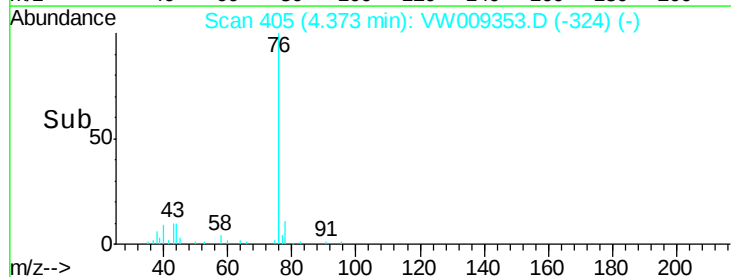
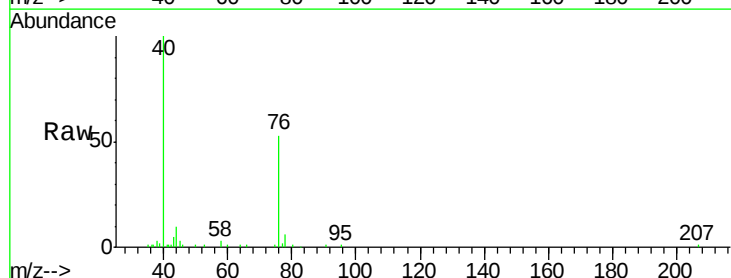
Manual Integrations
APPROVED

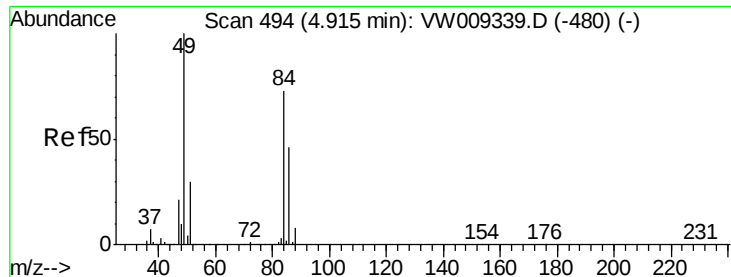
MMDadoda
3/25/2019 8:29:35 AM



#14
Carbon disulfide
Concen: 2.212 ug/L m
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009353.D
Acq: 22 Mar 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
76	100	23177		
78	11.9		7.3	10.9#





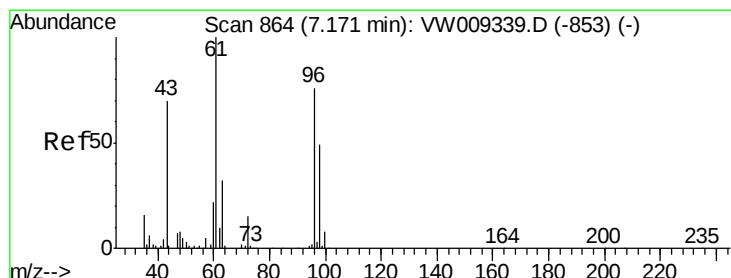
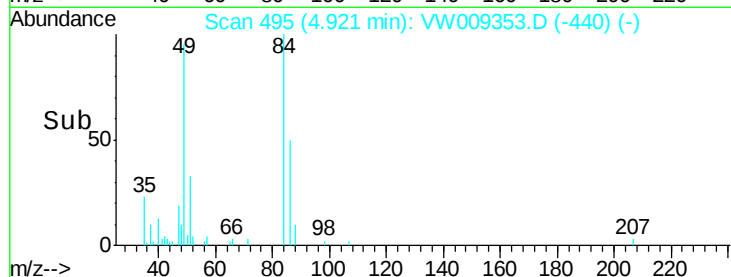
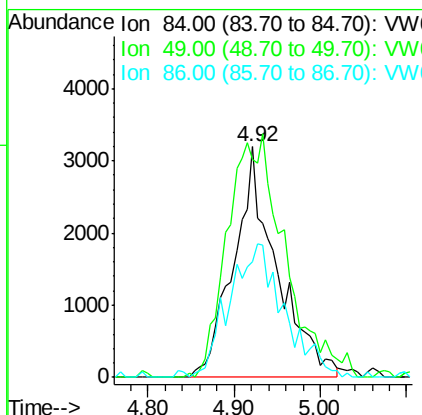
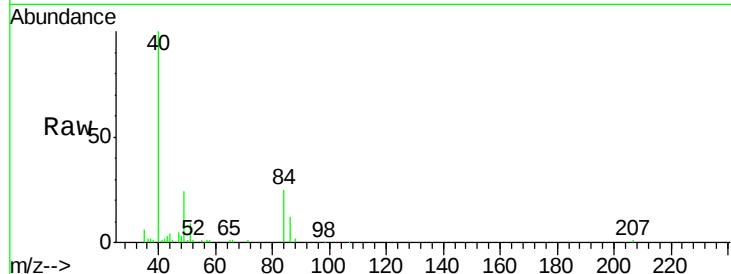
#16
Methylene chloride
Concen: 2.394 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009353.D
Acq: 22 Mar 2019 17:21

Instrument :
MSVOA_W
ClientSampled :
BF0E9

Tot Ion	84	Resp	11038
Ion Ratio	Lower	Upper	
84	100		
49	94.6	96.0	178.2#
86	50.1	44.4	82.5

Manual Integrations
APPROVED

MMDadoda
3/25/2019 8:29:35 AM



#21
2-Butanone
Concen: 49.585 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW009353.D
Acq: 22 Mar 2019 17:21

Tgt Ion	43	Resp	87736
Ion Ratio	Lower	Upper	
43	100		
72	14.2	13.1	39.1

