

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009335.D
 Acq On : 21 Mar 2019 19:23
 Operator : SY/VA
 Sample : K2048-02
 Misc : 5.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0F3

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 3:00:57 AM

Quant Time: Mar 22 09:54:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	394343	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384342	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176525	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	117215	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.48%
7) Chloroethane-d5	2.89	69	116204	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.28%
10) 1,1-Dichloroethene-d2	4.02	63	183590	18.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.12%
20) 2-Butanone-d5	7.07	46	80885	41.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.00%
24) Chloroform-d	7.65	84	259037	24.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	8.31	65	154375	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.24%
29) Benzene-d6	8.27	84	481015	22.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.76%
33) 1,2-Dichloropropane-d6	9.27	67	150588	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	432667	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.32%
38) trans-1,3-Dichloropropene-	10.58	79	65745	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.24%
39) 2-Hexanone-d5	10.93	63	60692	39.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137668	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	168956	24.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.84%

Target Compounds

					Ovalue
13) Acetone	4.12	43	5176	3.239 ug/L	70
16) Methylene chloride	4.92	84	14999m	2.608 ug/L	
22) cis-1,2-Dichloroethene	7.16	96	4406	0.797 ug/L	90
35) Trichloroethene	9.09	95	255497	45.580 ug/L	99

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

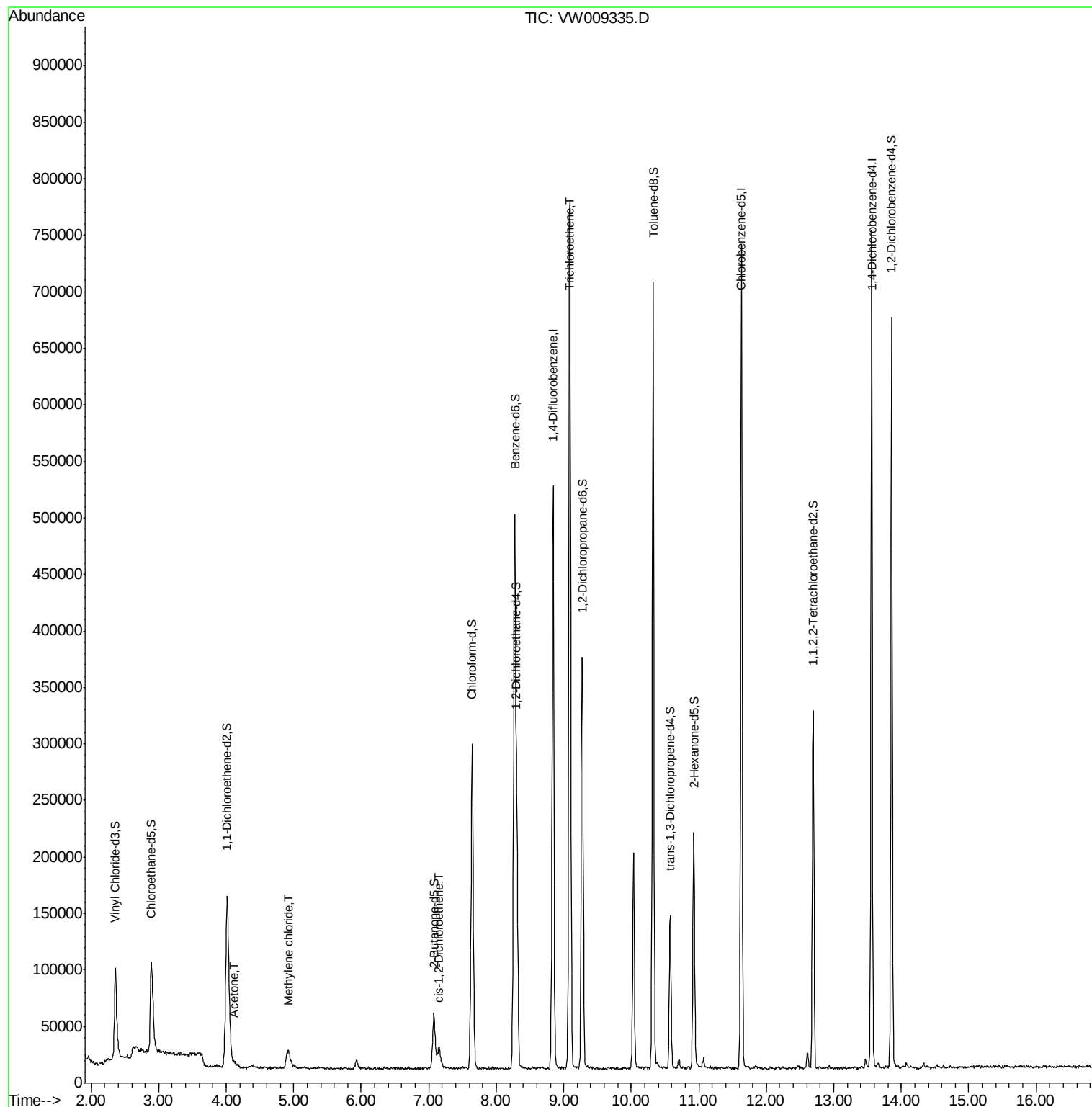
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032119\
Data File : VW009335.D
Acq On : 21 Mar 2019 19:23
Operator : SY/VA
Sample : K2048-02
Misc : 5.88G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

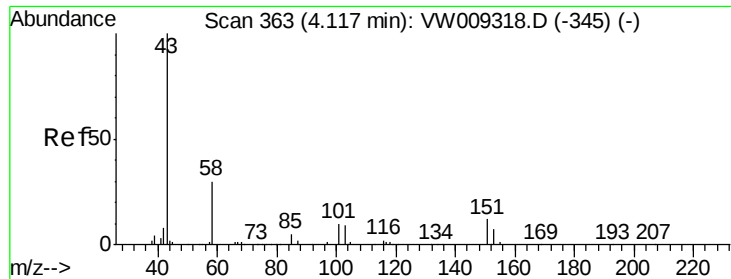
Instrument :
MSVOA_W
ClientSampleId :
BF0F3

Manual Integrations
APPROVED

MMDadoda
3/23/2019 3:00:57 AM

Quant Time: Mar 22 09:54:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration





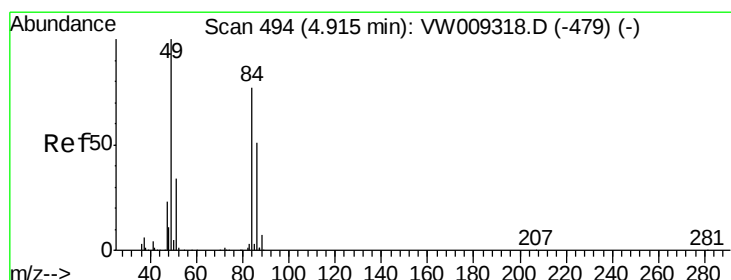
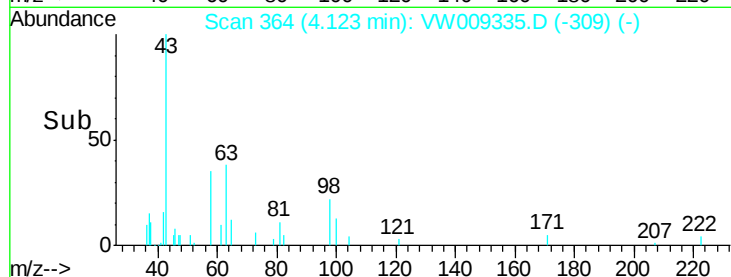
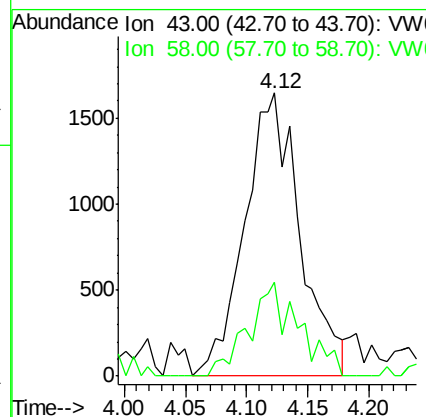
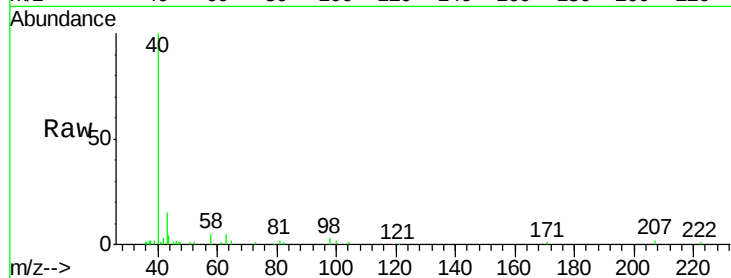
#13
Acetone
Concen: 3.239 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009335.D
Acq: 21 Mar 2019 19:23

Instrument :
MSVOA_W
ClientSampleId :
BF0F3

Tot Ion	Ratio	Lower	Upper
43	100		
58	12.2	0.0	56.2

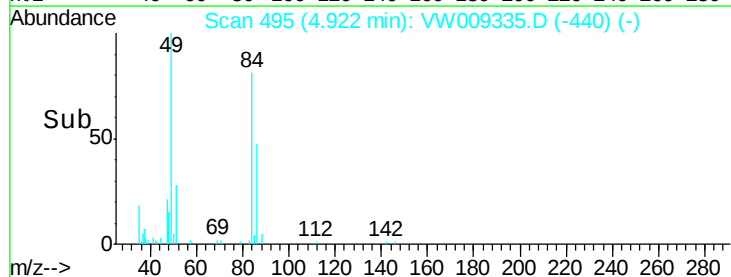
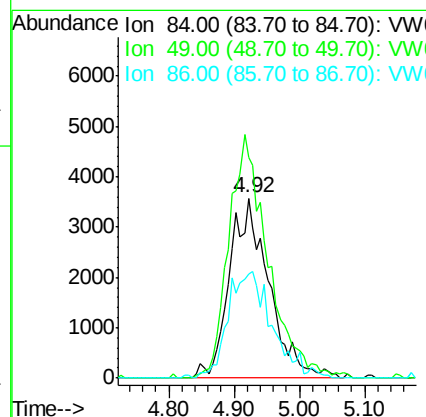
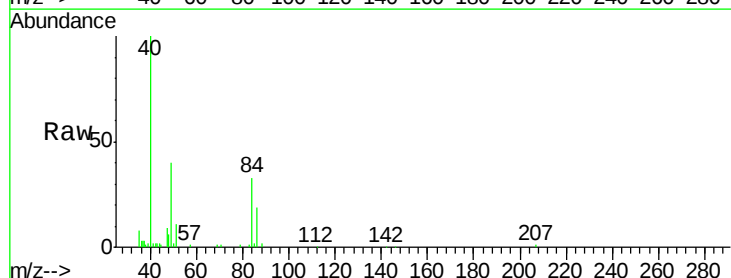
Manual Integrations
APPROVED

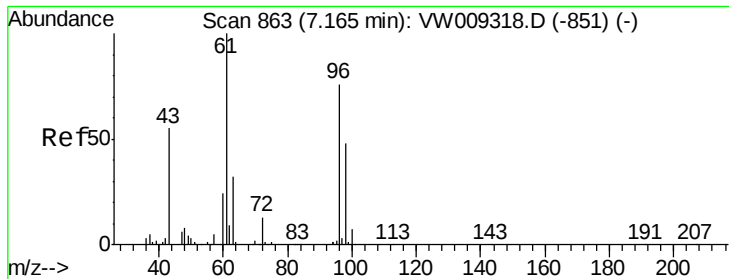
MMDadoda
3/23/2019 3:00:57 AM



#16
Methylene chloride
Concen: 2.608 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009335.D
Acq: 21 Mar 2019 19:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	96.0	178.2
86	57.8	44.4	82.5





#22

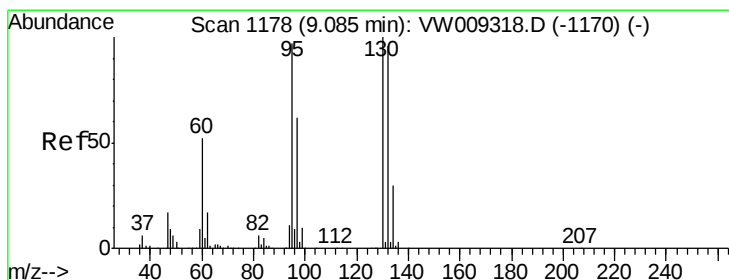
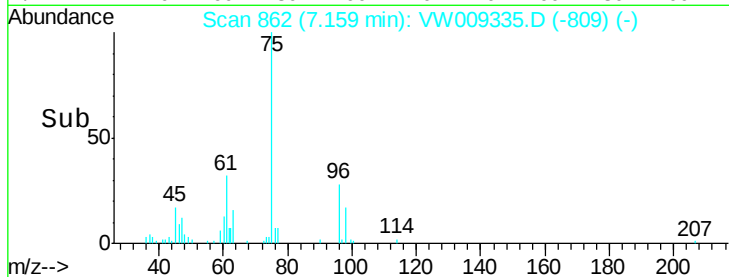
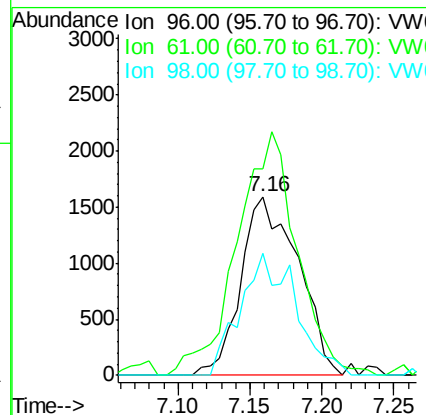
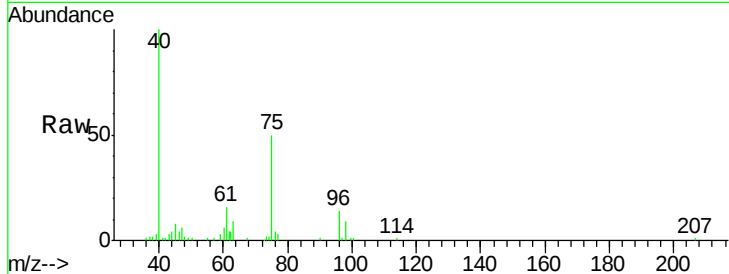
cis-1,2-Dichloroethene
Concen: 0.797 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009335.D
Acq: 21 Mar 2019 19:23

Instrument :
MSVOA_W
ClientSampled :
BF0F3

Tot Ion	Ratio	Lower	Upper
96	100		
61	115.7	90.6	168.3
98	68.3	44.0	81.8

Manual Integrations
APPROVED

MMDadoda
3/23/2019 3:00:57 AM



#35

Trichloroethene
Concen: 45.580 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009335.D
Acq: 21 Mar 2019 19:23

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.7	82.9
132	97.6	69.0	128.2
130	102.5	72.7	134.9

