

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009438.D
 Acq On : 25 Mar 2019 20:18
 Operator : SY/VA
 Sample : K2044-04
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T4

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:14:45 PM

Quant Time: Mar 26 09:35:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	396854	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367488	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150844	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95559	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.60%
7) Chloroethane-d5	2.90	69	101817	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.40%
10) 1,1-Dichloroethene-d2	4.01	63	160310	15.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.56%
20) 2-Butanone-d5	7.07	46	82757	42.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.40%
24) Chloroform-d	7.65	84	250993	23.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	8.31	65	149751	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.80%
29) Benzene-d6	8.27	84	444093	21.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.64%
33) 1,2-Dichloropropane-d6	9.27	67	143798	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.32	98	385323	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.24%
38) trans-1,3-Dichloropropene-	10.58	79	58714	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.84%
39) 2-Hexanone-d5	10.93	63	56492	38.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127325	21.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	129714	22.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.72%

Target Compounds					Ovalue
13) Acetone	4.12	43	22815	14.185 ug/L	99
14) Carbon disulfide	4.37	76	20197	1.536 ug/L	98
16) Methylene chloride	4.90	84	23285m	4.024 ug/L	
47) Tetrachloroethene	10.86	164	1794	0.396 ug/L	82

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

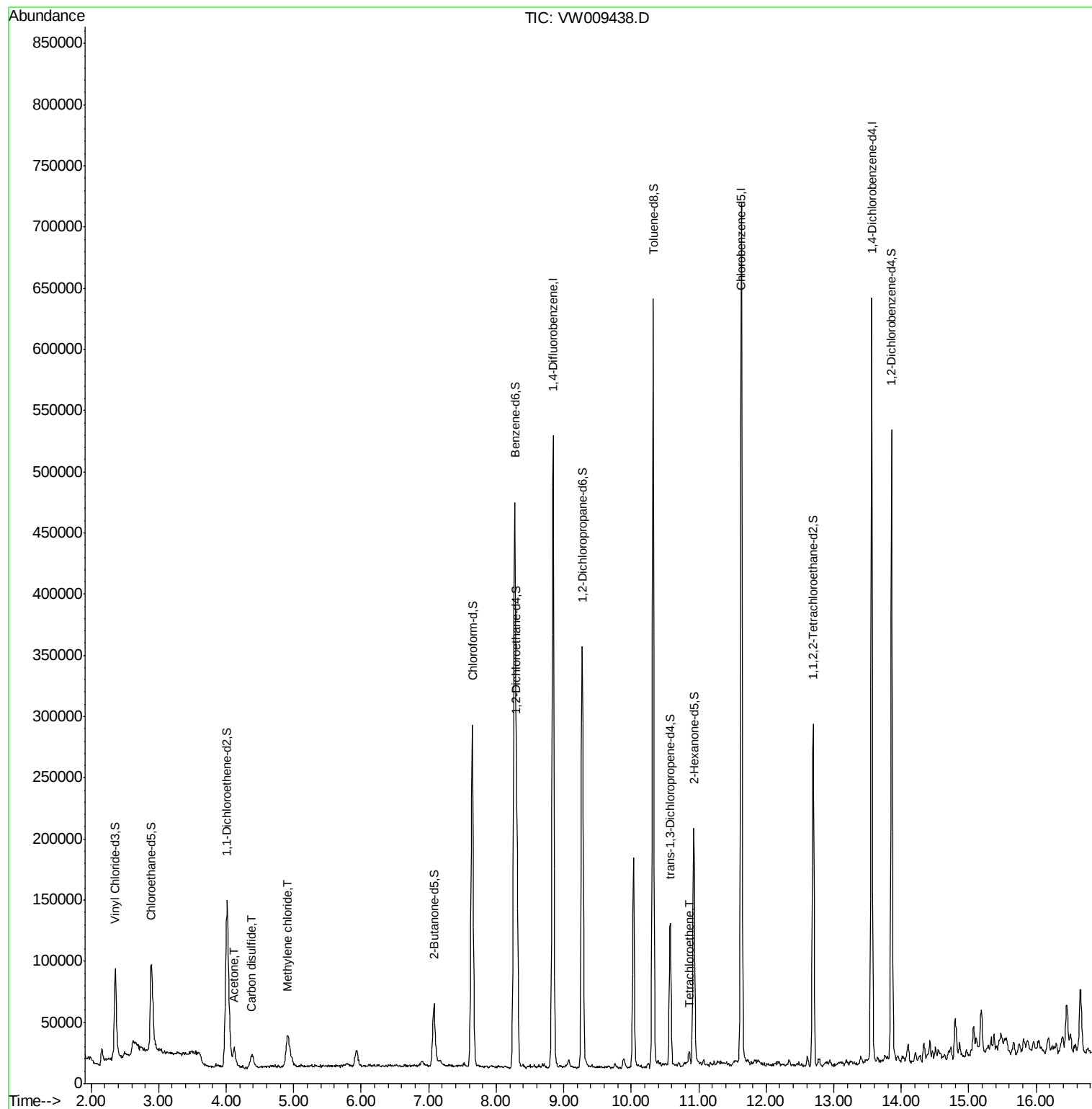
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
Data File : VW009438.D
Acq On : 25 Mar 2019 20:18
Operator : SY/VA
Sample : K2044-04
Misc : 5.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

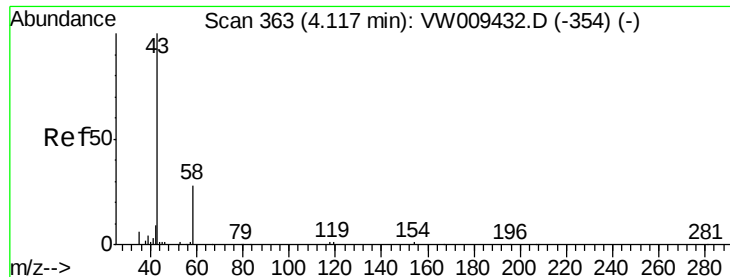
Instrument :
MSVOA_W
ClientSampleId :
BF5T4

Manual Integrations
APPROVED

MMDadoda
3/27/2019 12:14:45 PM

Quant Time: Mar 26 09:35:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration





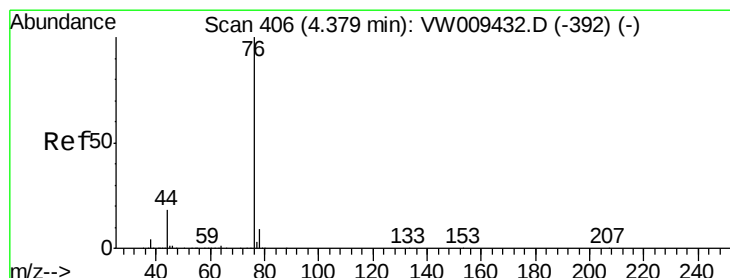
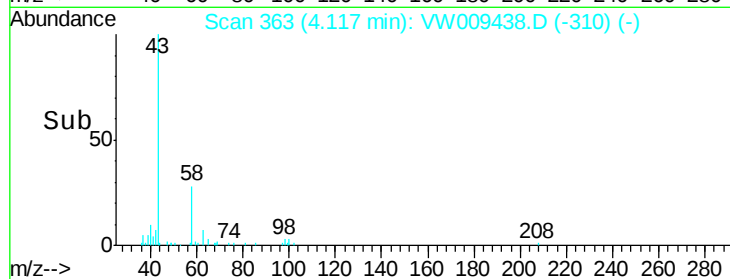
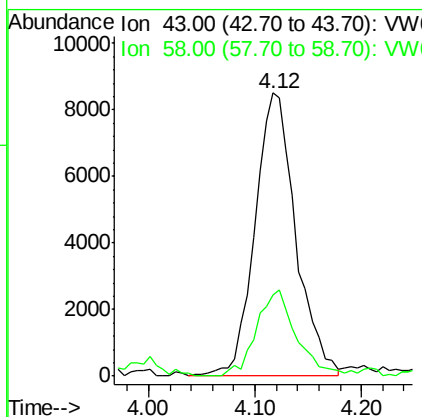
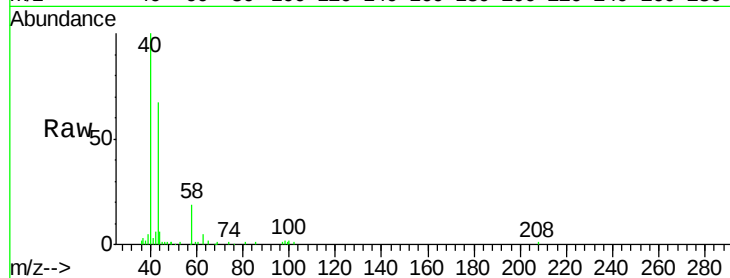
#13
Acetone
Concen: 14.185 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009438.D
Acq: 25 Mar 2019 20:18

Instrument :
MSVOA_W
ClientSampleId :
BF5T4

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	56.2

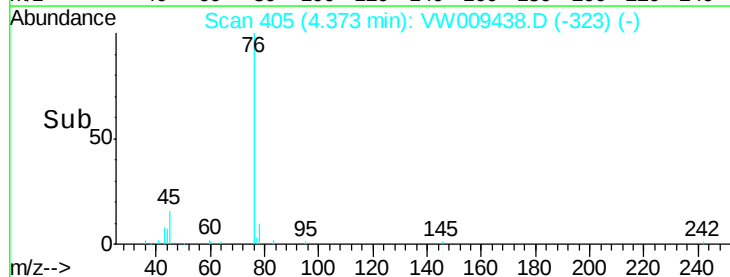
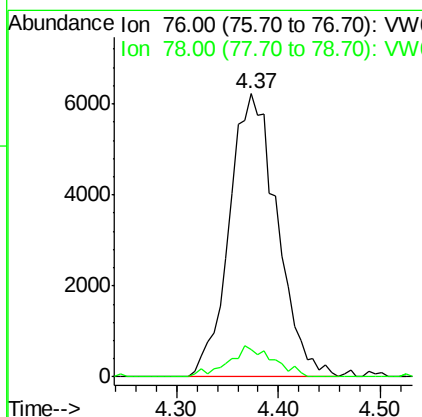
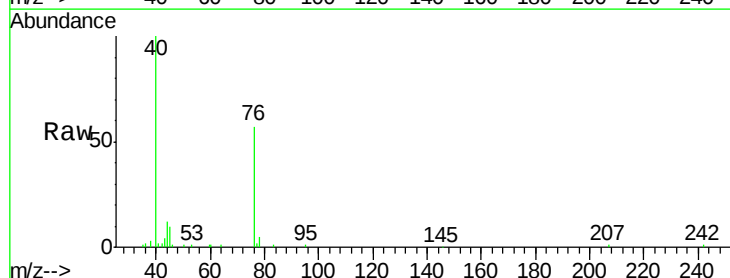
Manual Integrations
APPROVED

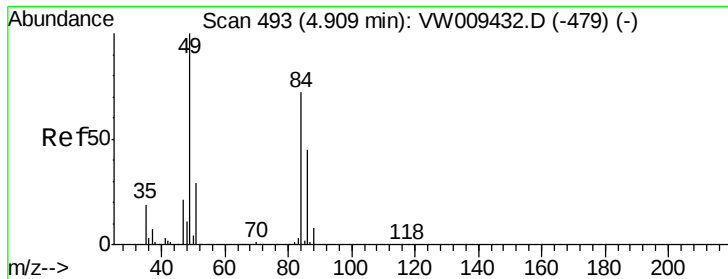
MMDadoda
3/27/2019 12:14:45 PM



#14
Carbon disulfide
Concen: 1.536 ug/L
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW009438.D
Acq: 25 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.3	10.9





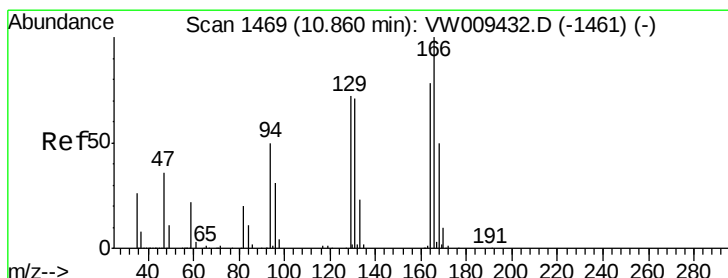
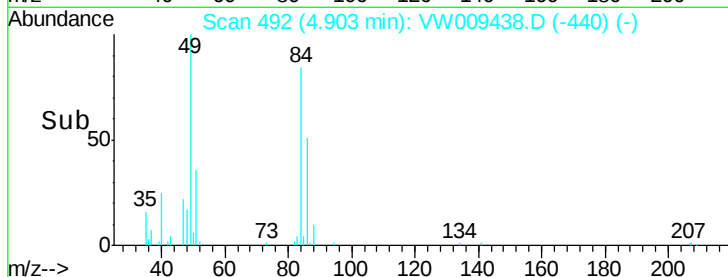
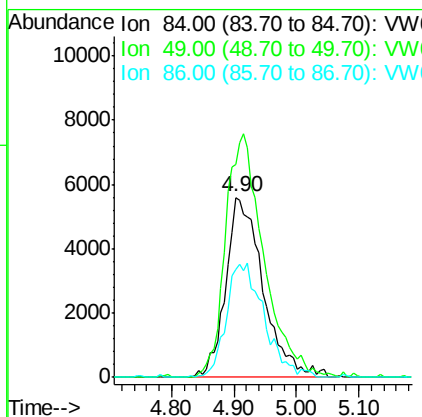
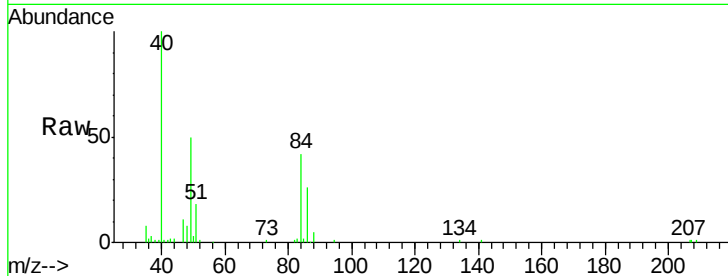
#16
Methylene chloride
Concen: 4.024 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009438.D
Acq: 25 Mar 2019 20:18

Instrument :
MSVOA_W
ClientSampled :
BF5T4

Tot Ion	Ratio	Lower	Upper
84	100		
49	118.5	96.0	178.2
86	60.2	44.4	82.5

Manual Integrations
APPROVED

MMDadoda
3/27/2019 12:14:45 PM



#47
Tetrachloroethene
Concen: 0.396 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009438.D
Acq: 25 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
164	100		
129	75.1	66.5	123.5
131	82.6	62.6	116.3
166	102.9	91.6	170.0

