

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014439.D
 Acq On : 18 Dec 2019 18:04
 Operator : SY/VA
 Sample : K6257-04
 Misc : 5.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW3

Manual Integrations
 APPROVED

MMDadoda
 12/19/2019 2:02:01 PM

Quant Time: Dec 19 03:08:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 19 01:06:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1016207	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	908924	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	359235	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	289958	18.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.36%		
7) Chloroethane-d5	2.89	69	254272	22.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.88%		
10) 1,1-Dichloroethene-d2	4.01	63	430357	15.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	63.32%		
20) 2-Butanone-d5	7.07	46	167638	41.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.62%		
24) Chloroform-d	7.64	84	625776	24.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.76%		
26) 1,2-Dichloroethane-d4	8.30	65	335920	24.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.04%		
29) Benzene-d6	8.27	84	1283374	24.09	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.36%		
33) 1,2-Dichloropropane-d6	9.27	67	417068	25.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.80%		
37) Toluene-d8	10.32	98	1112038	23.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.36%		
38) trans-1,3-Dichloropropene-	10.57	79	143213	20.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.32%		
39) 2-Hexanone-d5	10.92	63	128020	39.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.58%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	267518	20.03	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.12%		
61) 1,2-Dichlorobenzene-d4	13.85	152	343616	25.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.12%		
Target Compounds						
13) Acetone	4.12	43	28705	7.425	ug/L	98
16) Methylene chloride	4.91	84	24732	1.588	ug/L	91
21) 2-Butanone	7.16	43	11171m	2.152	ug/L	
25) Chloroform	7.68	83	19944	0.786	ug/L #	25

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

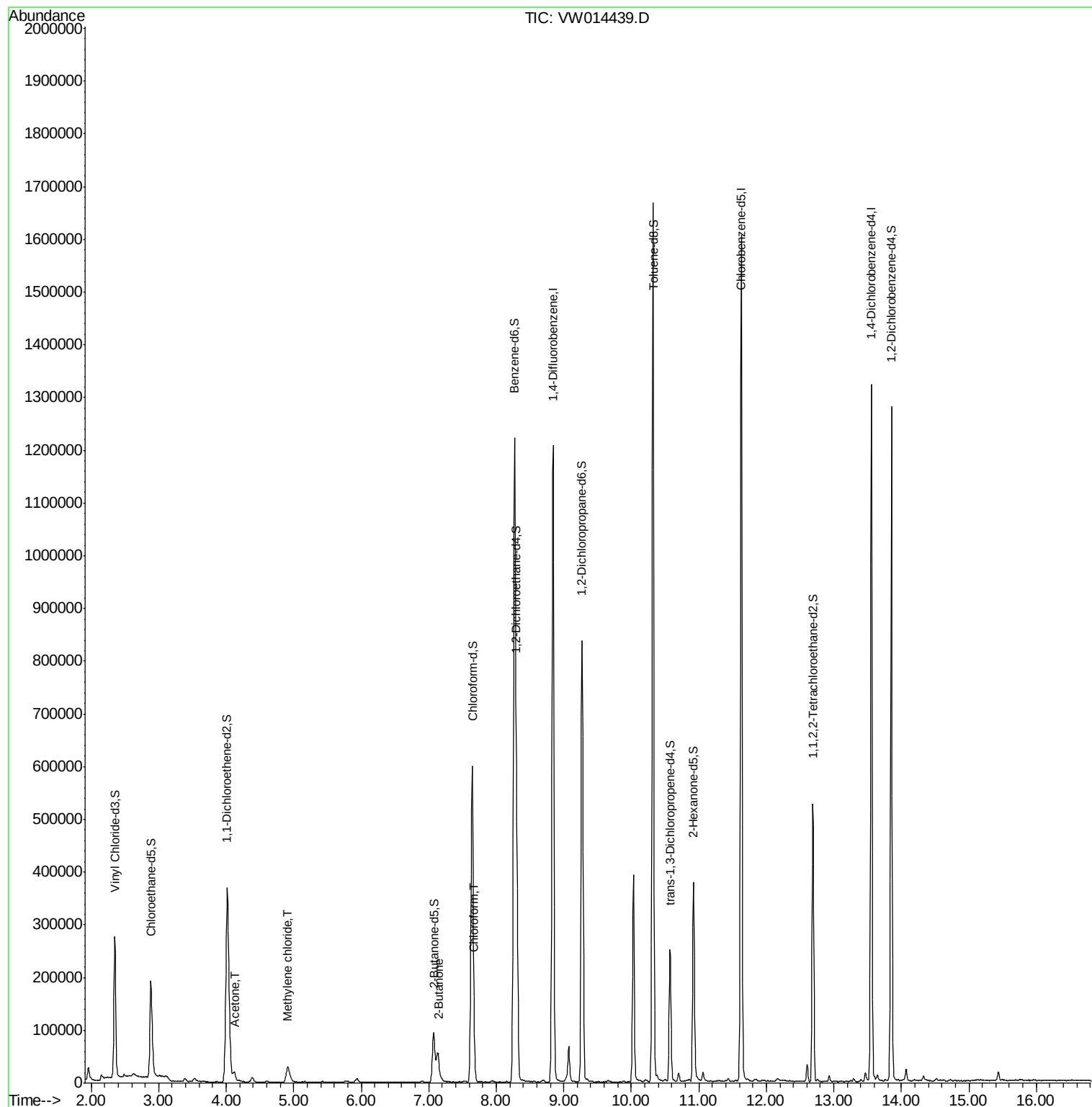
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121819\
Data File : VW014439.D
Acq On : 18 Dec 2019 18:04
Operator : SY/VA
Sample : K6257-04
Misc : 5.99G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

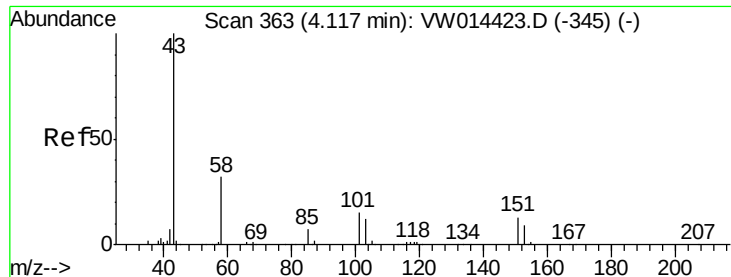
Instrument :
MSVOA_W
ClientSampleId :
BFEW3

Manual Integrations
APPROVED

MMDadoda
12/19/2019 2:02:01 PM

Quant Time: Dec 19 03:08:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 01:06:45 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.425 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014439.D

Acq: 18 Dec 2019 18:04

Instrument :

MSVOA_W

ClientSampled :

BFEW3

Tot Ion: 43 Resp: 28705

Ion Ratio Lower Upper

43 100

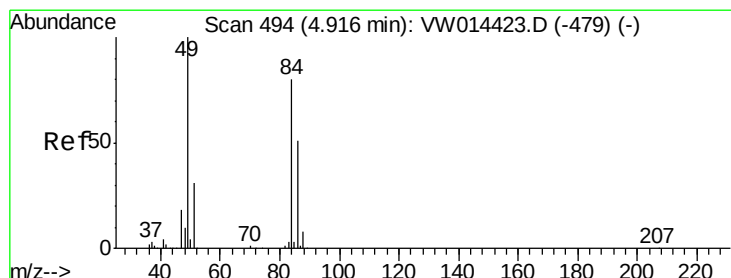
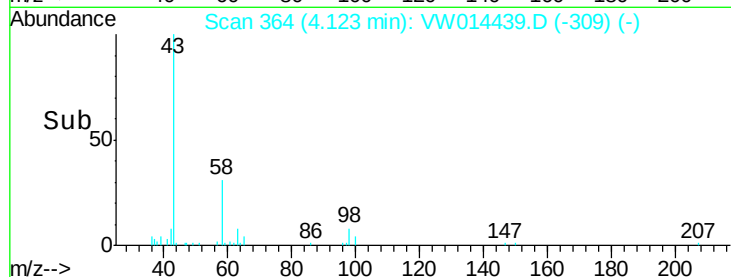
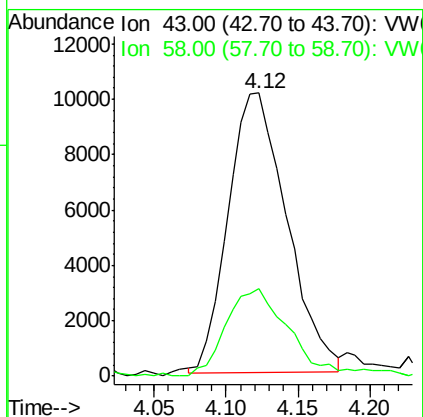
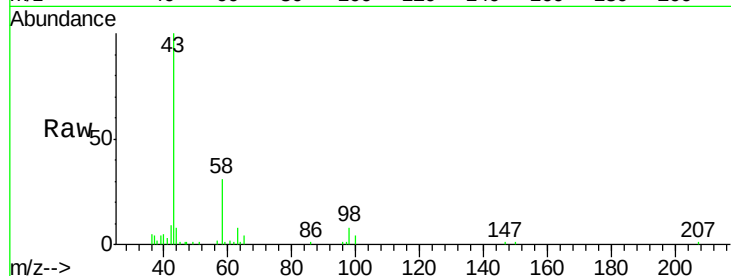
58 31.7 0.0 65.4

Manual Integrations

APPROVED

MMDadoda

12/19/2019 2:02:01 PM



#16

Methylene chloride

Concen: 1.588 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW014439.D

Acq: 18 Dec 2019 18:04

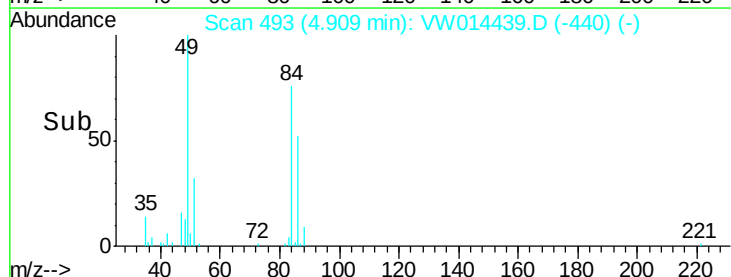
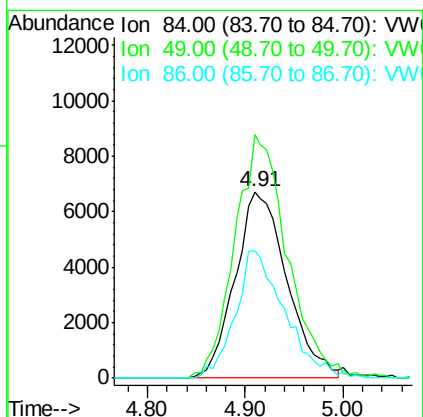
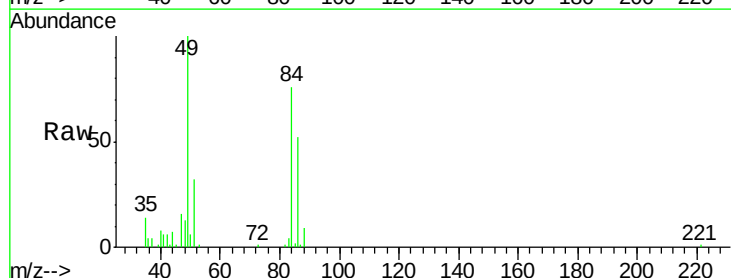
Tgt Ion: 84 Resp: 24732

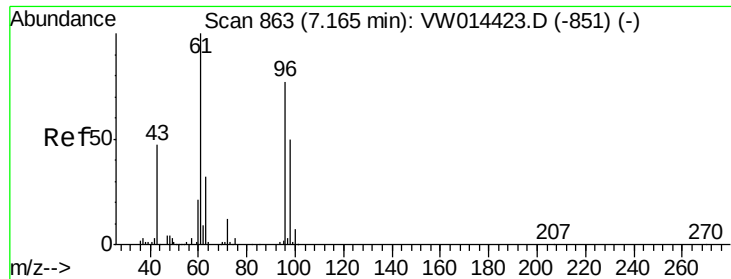
Ion Ratio Lower Upper

84 100

49 130.8 84.2 156.4

86 68.3 43.7 81.1





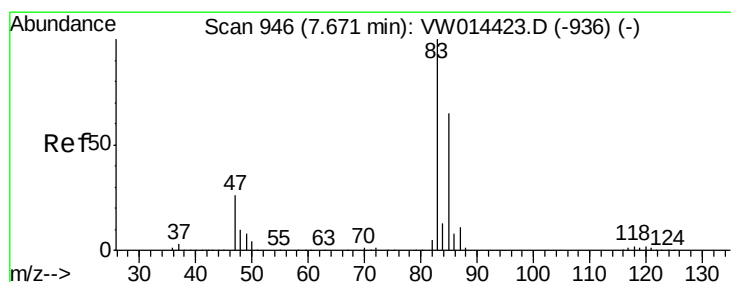
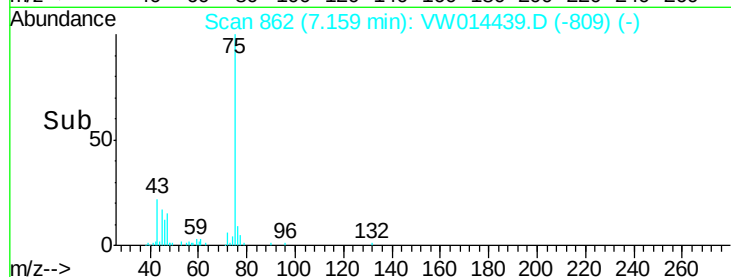
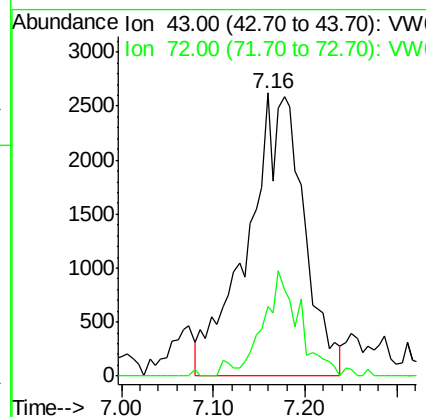
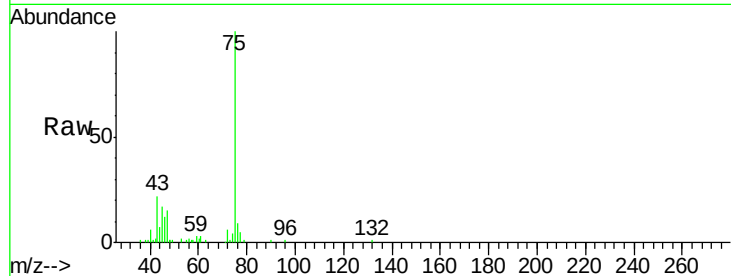
#21
2-Butanone
Concen: 2.152 ug/L m
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014439.D
Acq: 18 Dec 2019 18:04

Instrument :
MSVOA_W
ClientSampled :
BFEW3

Tot Ion	43	Ratio	Lower	Upper
11171	100			
72	17.4	14.1	42.2	

Manual Integrations
APPROVED

MMDadoda
12/19/2019 2:02:01 PM



#25
Chloroform
Concen: 0.786 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW014439.D
Acq: 18 Dec 2019 18:04

Tgt Ion	83	Ratio	Lower	Upper
19944	100			
85	6.2	46.1	85.7	

