

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009764.D
 Acq On : 06 Apr 2019 11:23
 Operator : SY/VA
 Sample : K2259-02
 Misc : 4.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETJ41

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:59 AM

Quant Time: Apr 07 04:44:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	286627	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	204886	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	50094	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	79944	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.24%
7) Chloroethane-d5	2.89	69	81976	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
10) 1,1-Dichloroethene-d2	4.02	63	147892	18.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.32%
20) 2-Butanone-d5	7.08	46	77360	63.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.04%
24) Chloroform-d	7.64	84	213861	27.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.36%
26) 1,2-Dichloroethane-d4	8.30	65	137297	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.36%
29) Benzene-d6	8.27	84	374519	34.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.28%#
33) 1,2-Dichloropropane-d6	9.27	67	122817	36.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.88%#
37) Toluene-d8	10.32	98	281299	28.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.16%
38) trans-1,3-Dichloropropene-	10.57	79	32490	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.93	63	47700	76.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.36%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100781	32.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.52%#
61) 1,2-Dichlorobenzene-d4	13.86	152	50313	28.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.48%

Target Compounds

					Ovalue
13) Acetone	4.12	43	72442	55.519	ug/L 100
14) Carbon disulfide	4.37	76	5228	0.442	ug/L 96
16) Methylene chloride	4.92	84	15888	3.143	ug/L 83
21) 2-Butanone	7.18	43	37770m	22.760	ug/L

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

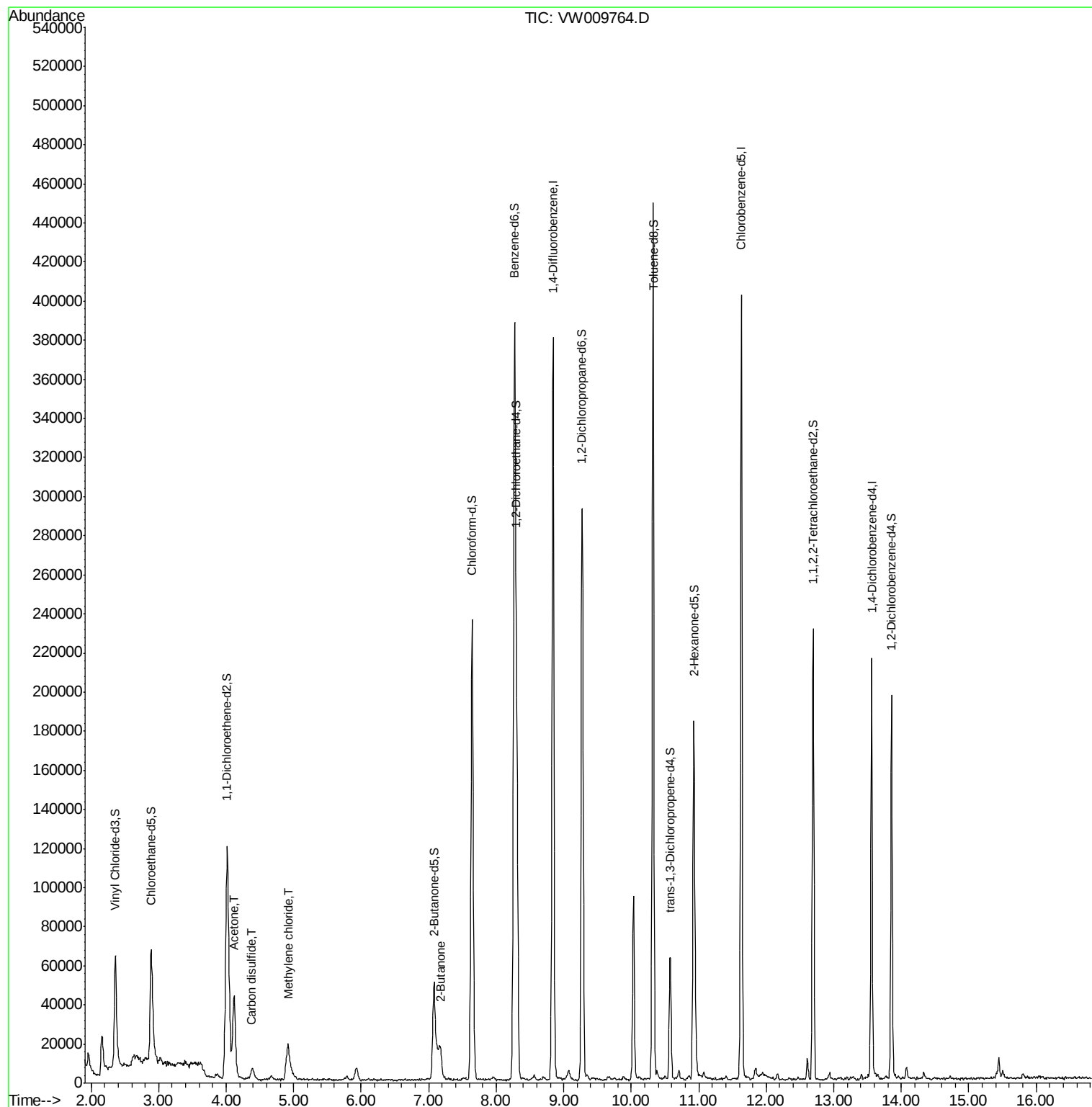
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009764.D
Acq On : 06 Apr 2019 11:23
Operator : SY/VA
Sample : K2259-02
Misc : 4.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

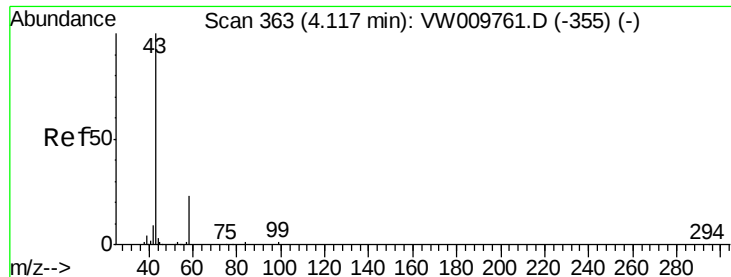
Instrument :
MSVOA_W
ClientSampleId :
ETJ41

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:59 AM

Quant Time: Apr 07 04:44:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 55.519 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009764.D

Acq: 06 Apr 2019 11:23

Instrument :

MSVOA_W

ClientSampleId :

ETJ41

Tot Ion: 43 Resp: 72442

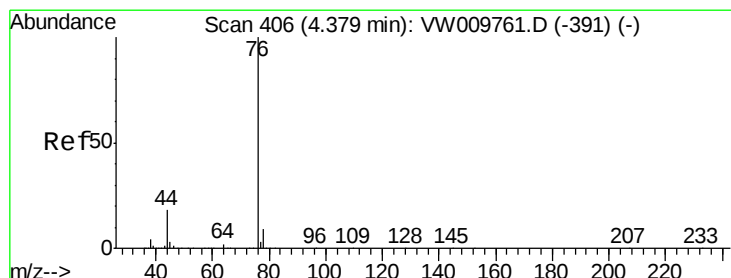
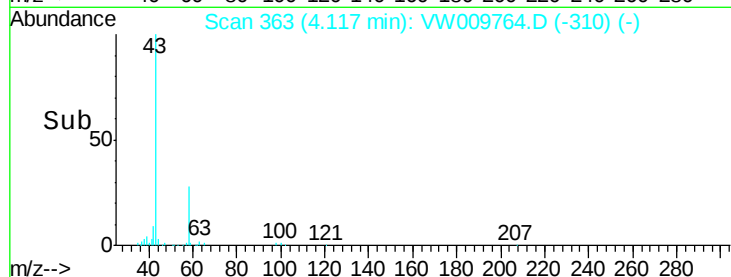
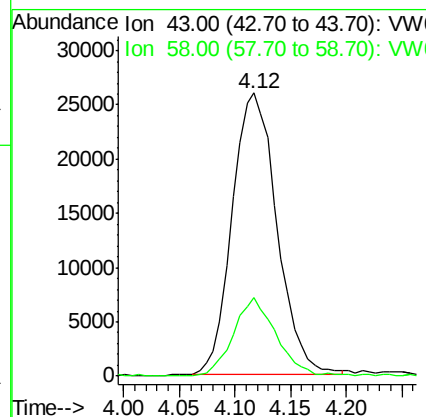
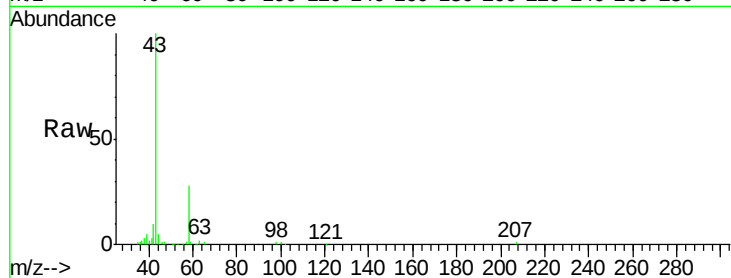
Ion Ratio Lower Upper

43 100

58 26.3 0.0 53.0

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:59 AM



#14

Carbon disulfide

Concen: 0.442 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009764.D

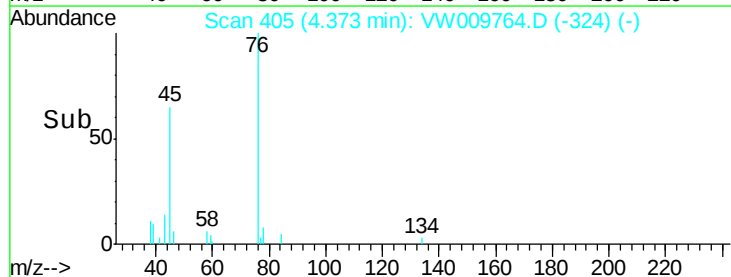
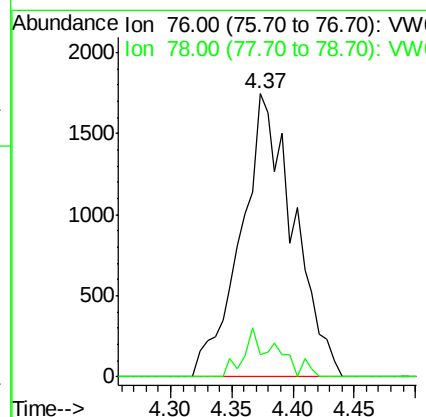
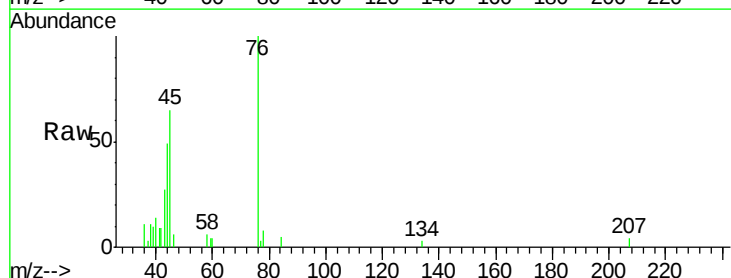
Acq: 06 Apr 2019 11:23

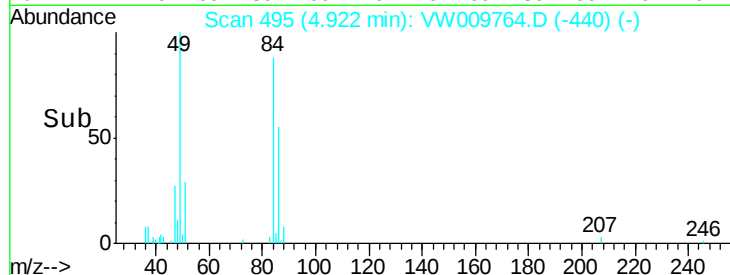
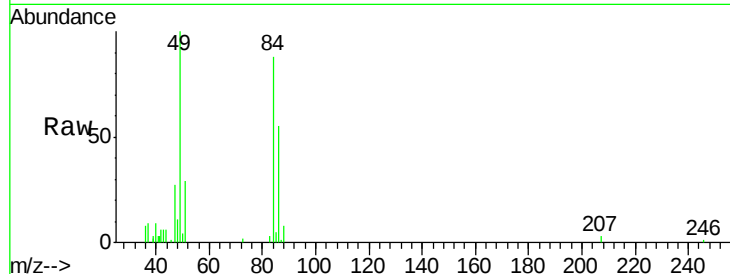
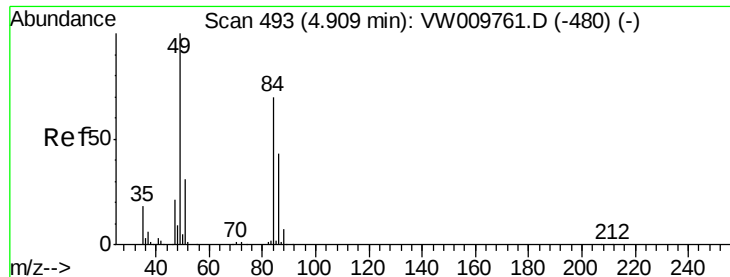
Tgt Ion: 76 Resp: 5228

Ion Ratio Lower Upper

76 100

78 7.8 7.3 10.9





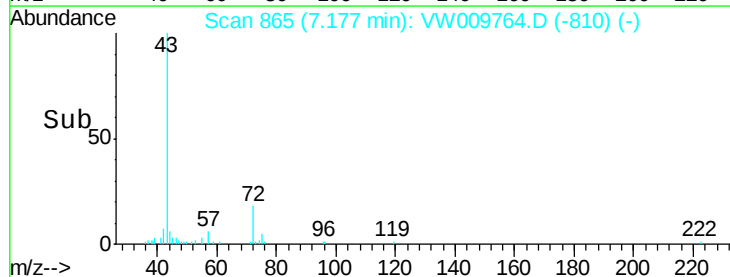
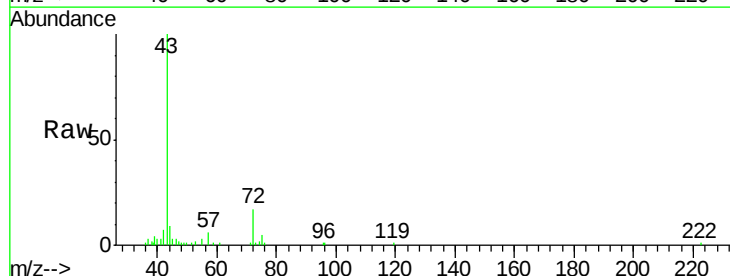
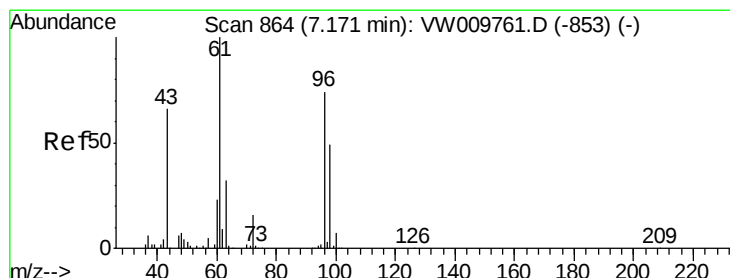
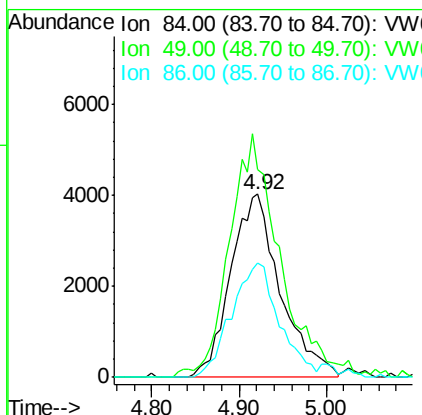
#16
Methylene chloride
Concen: 3.143 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009764.D
Acq: 06 Apr 2019 11:23

Tot Ion	Ratio	Lower	Upper
84	100		
49	113.7	98.3	182.5
86	62.2	46.4	86.2

Instrument :
MSVOA_W
ClientSampleId :
ETJ41

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:42:59 AM



#21
2-Butanone
Concen: 22.760 ug/L m
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009764.D
Acq: 06 Apr 2019 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.1	12.0	36.1#

