

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112219\
 Data File : VW014096.D
 Acq On : 22 Nov 2019 15:40
 Operator : SY/VA
 Sample : K5989-06
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BJ7

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:35:36 AM

Quant Time: Nov 22 23:28:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 22 23:01:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	138918	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	60269	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	7379	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	44322	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.00%
7) Chloroethane-d5	2.89	69	45634	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.60%
10) 1,1-Dichloroethene-d2	4.01	63	65234	14.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.36%
20) 2-Butanone-d5	7.07	46	33777	52.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.92%
24) Chloroform-d	7.64	84	114425	26.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.16%
26) 1,2-Dichloroethane-d4	8.31	65	52937	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.60%
29) Benzene-d6	8.27	84	219952	51.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	205.76%#
33) 1,2-Dichloropropane-d6	9.27	67	72030	57.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	230.00%#
37) Toluene-d8	10.32	98	119577	29.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.96%
38) trans-1,3-Dichloropropene-	10.57	79	9513	17.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.92%
39) 2-Hexanone-d5	10.92	63	15973	67.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	38124	40.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	161.20%#
61) 1,2-Dichlorobenzene-d4	13.85	152	7993	26.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.84%

Target Compounds					Ovalue
13) Acetone	4.14	43	2517	3.841 ug/L	88
16) Methylene chloride	4.92	84	6668m	2.493 ug/L	
36) Methylcyclohexane	9.32	83	1573	0.744 ug/L #	85

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

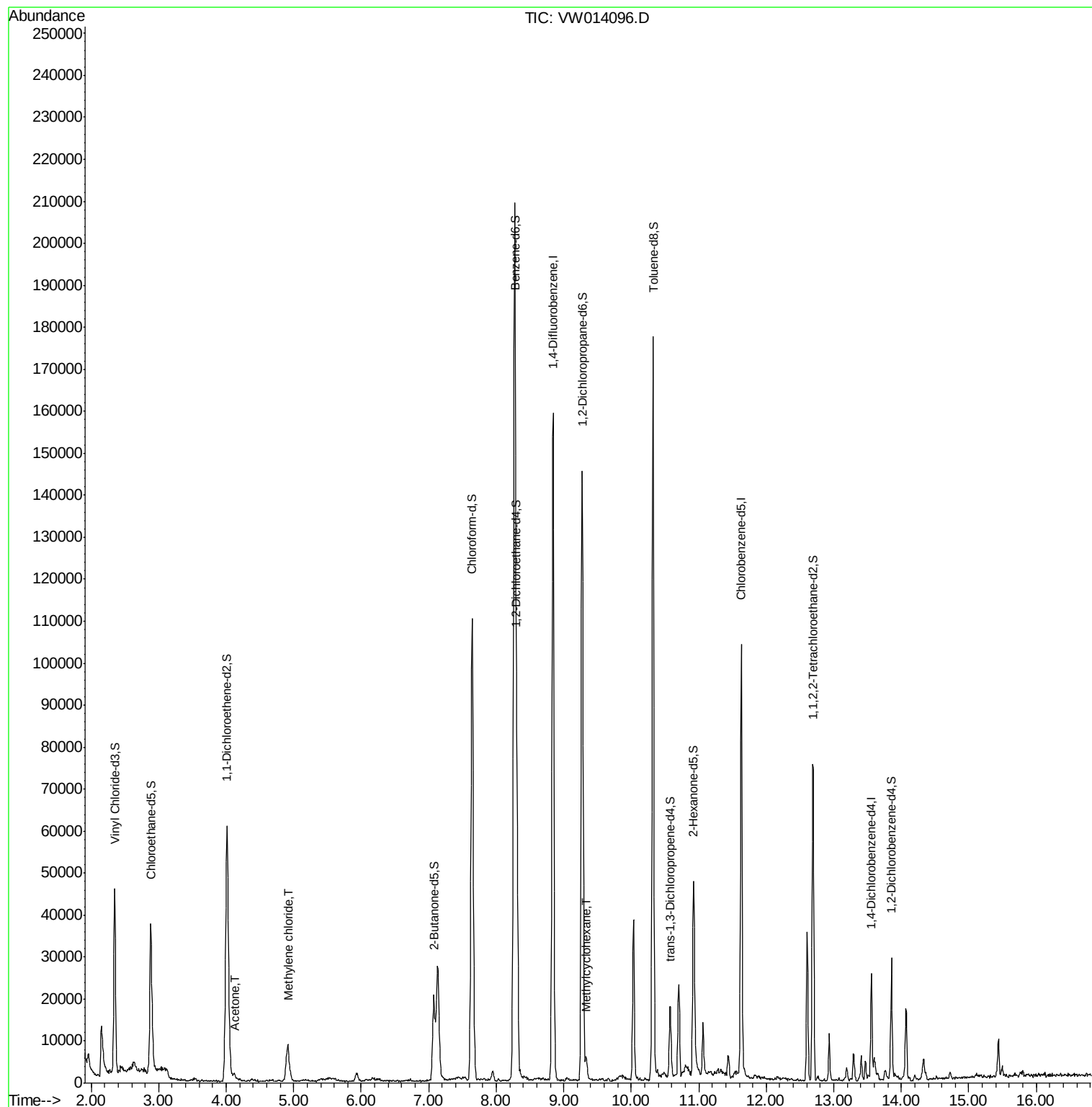
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112219\
Data File : VW014096.D
Acq On : 22 Nov 2019 15:40
Operator : SY/VA
Sample : K5989-06
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

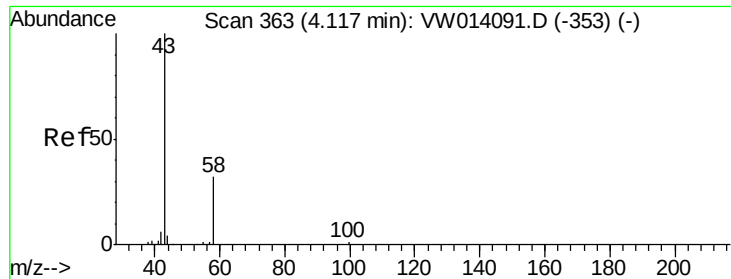
Instrument :
MSVOA_W
ClientSampleId :
C0BJ7

Manual Integrations
APPROVED

MMDadoda
11/26/2019 1:35:36 AM

Quant Time: Nov 22 23:28:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 22 23:01:18 2019
Response via : Initial Calibration





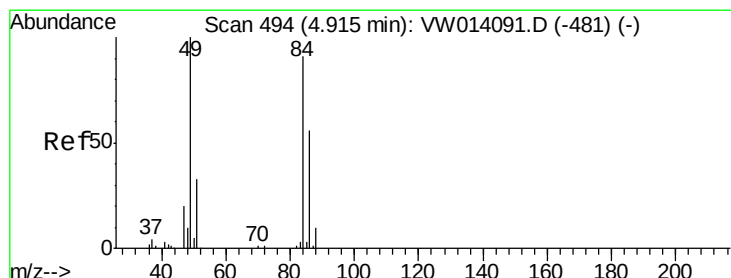
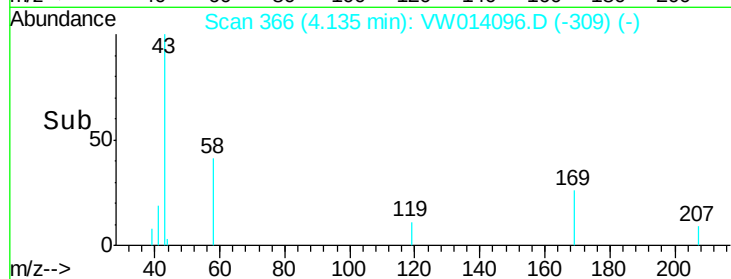
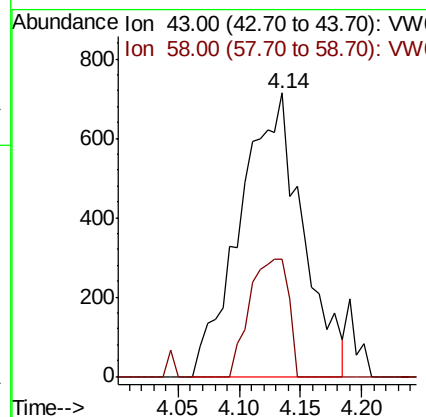
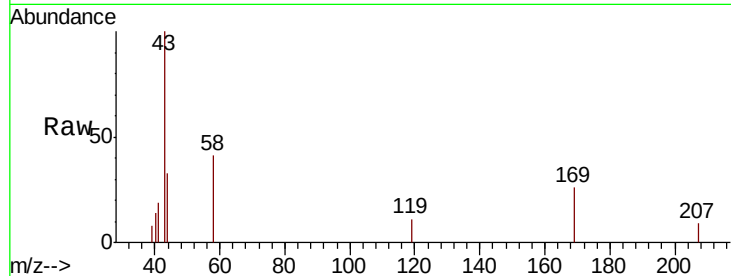
#13
Acetone
Concen: 3.841 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW014096.D
Acq: 22 Nov 2019 15:40

Instrument :
MSVOA_W
ClientSampled :
C0BJ7

Tot Ion: 43 Resp: 2517
Ion Ratio Lower Upper
43 100
58 25.7 0.0 65.4

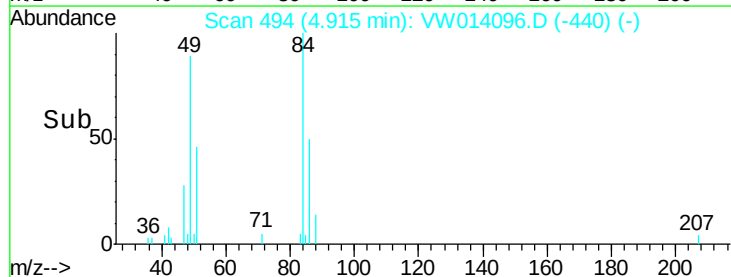
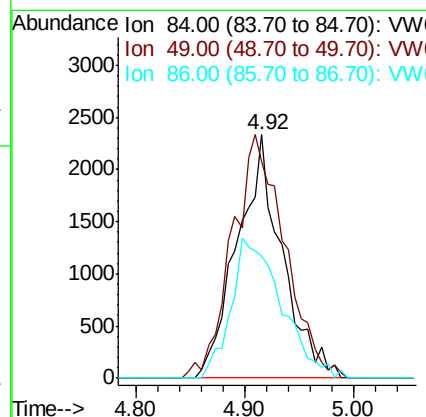
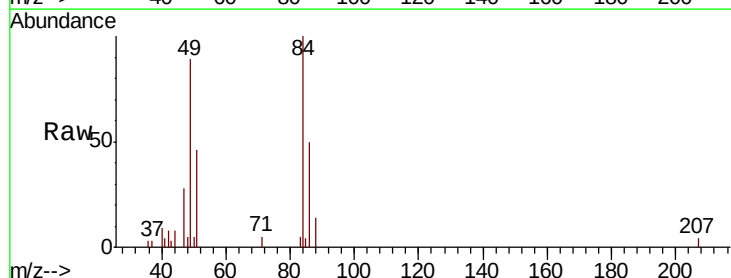
Manual Integrations
APPROVED

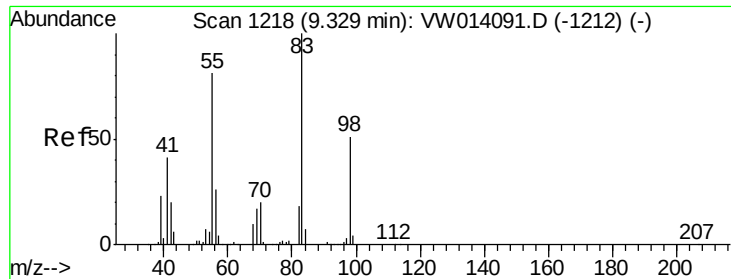
MMDadoda
11/26/2019 1:35:36 AM



#16
Methylene chloride
Concen: 2.493 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW014096.D
Acq: 22 Nov 2019 15:40

Tgt Ion: 84 Resp: 6668
Ion Ratio Lower Upper
84 100
49 89.0 84.2 156.4
86 50.3 43.7 81.1





#36
 Methvlcvclohexane
 Concen: 0.744 ug/L
 RT: 9.32 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: VW014096.D
 Acq: 22 Nov 2019 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BJ7

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.2	59.8	89.8#
98	57.2	39.5	59.3

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:35:36 AM

