

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112219\
 Data File : VW014095.D
 Acq On : 22 Nov 2019 15:13
 Operator : SY/VA
 Sample : K5989-05
 Misc : 4.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BJ6

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:35:34 AM

Quant Time: Nov 22 23:39:17 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	190938	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	94109	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	12288	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70226	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
7) Chloroethane-d5	2.89	69	70453	28.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.12%
10) 1,1-Dichloroethene-d2	4.01	63	107678	17.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.88%
20) 2-Butanone-d5	7.07	46	55244	62.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.84%
24) Chloroform-d	7.65	84	178237	30.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.44%
26) 1,2-Dichloroethane-d4	8.31	65	81383	27.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.28%
29) Benzene-d6	8.27	84	345190	51.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	206.80%#
33) 1,2-Dichloropropane-d6	9.27	67	110057	56.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	225.08%#
37) Toluene-d8	10.32	98	216876	34.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	137.00%#
38) trans-1,3-Dichloropropene-	10.58	79	17173	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.00%
39) 2-Hexanone-d5	10.92	63	27839	75.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.10%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60725	41.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	164.44%#
61) 1,2-Dichlorobenzene-d4	13.85	152	19829	40.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	160.64%#

Target Compounds

					Ovalue
13) Acetone	4.12	43	3064m	3.402	ug/L
16) Methylene chloride	4.92	84	7706m	2.096	ug/L
36) Methylcyclohexane	9.34	83	2574	0.780	ug/L

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

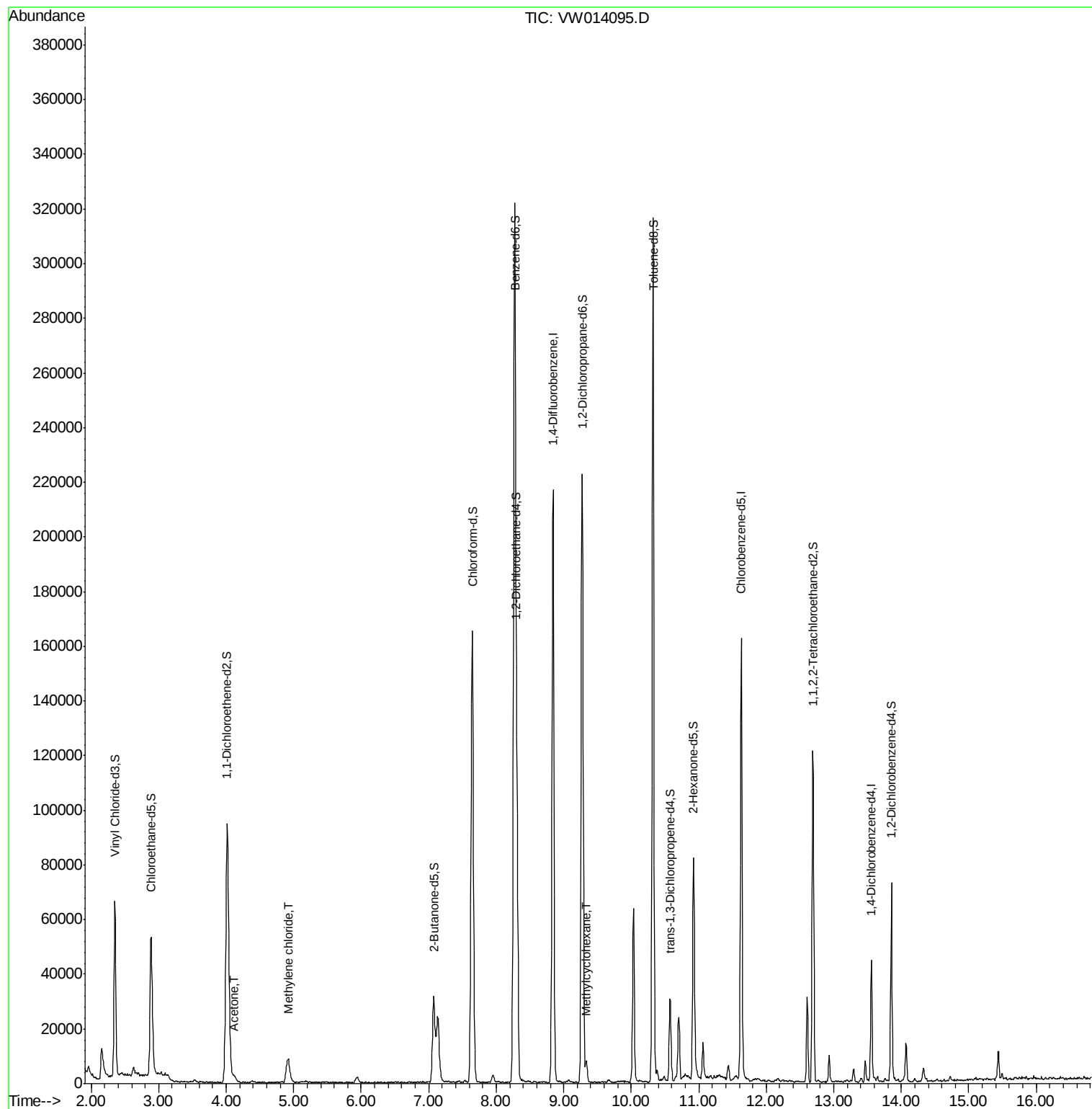
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112219\
Data File : VW014095.D
Acq On : 22 Nov 2019 15:13
Operator : SY/VA
Sample : K5989-05
Misc : 4.35G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

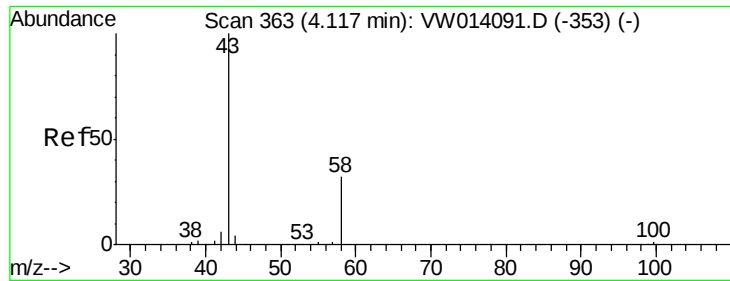
Instrument :
MSVOA_W
ClientSampleId :
C0BJ6

Manual Integrations
APPROVED

MMDadoda
11/26/2019 1:35:34 AM

Quant Time: Nov 22 23:39:17 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: 3.402 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014095.D

Acq: 22 Nov 2019 15:13

Instrument :

MSVOA_W

ClientSampleId :

C0BJ6

Tot Ion: 43 Resp: 3064

Ion Ratio Lower Upper

43 100

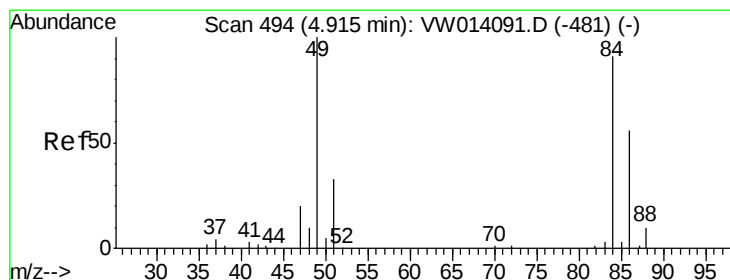
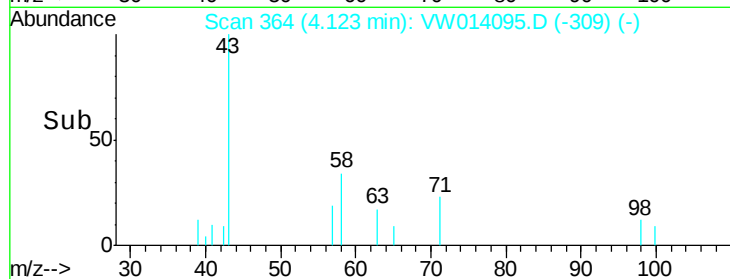
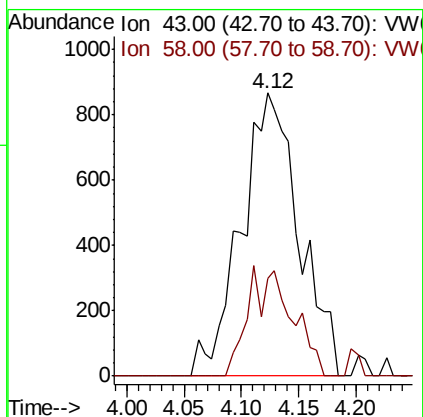
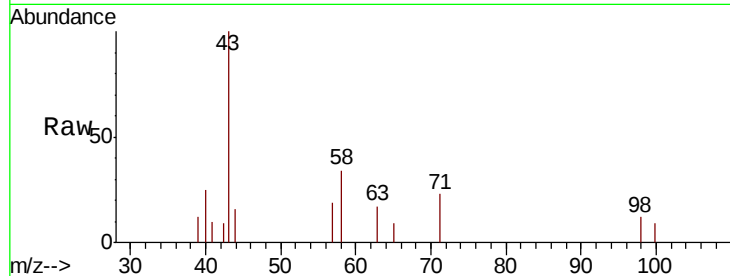
58 14.1 0.0 65.4

Manual Integrations

APPROVED

MMDadoda

11/26/2019 1:35:34 AM



#16

Methylene chloride

Concen: 2.096 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014095.D

Acq: 22 Nov 2019 15:13

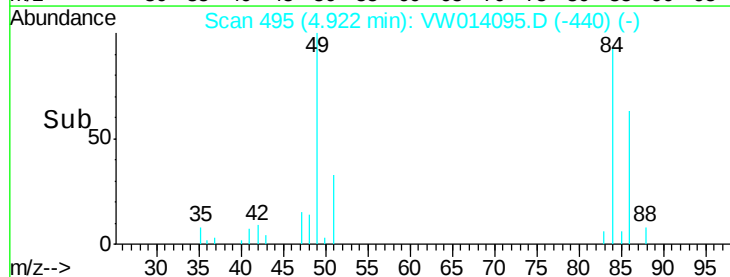
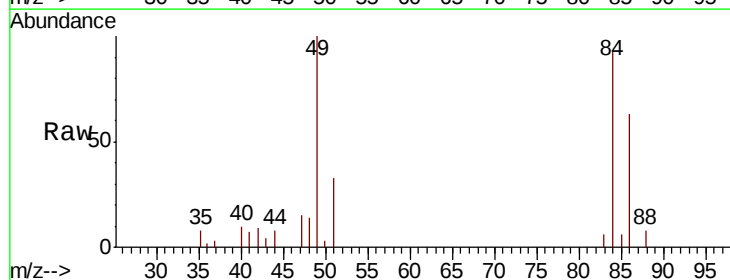
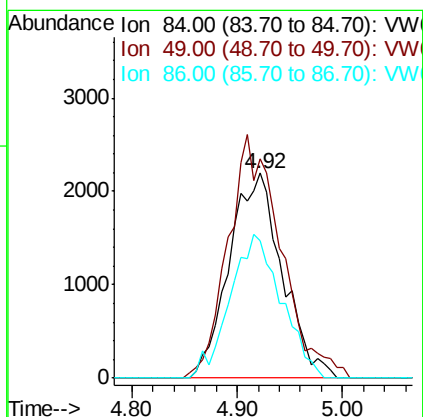
Tgt Ion: 84 Resp: 7706

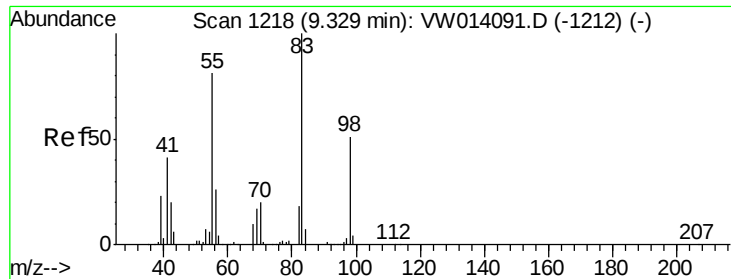
Ion Ratio Lower Upper

84 100

49 107.1 84.2 156.4

86 67.2 43.7 81.1





#36
 Methvlcvclohexane
 Concen: 0.780 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: VW014095.D
 Acq: 22 Nov 2019 15:13

Instrument :
 MSVOA_W
 ClientSampled :
 C0BJ6

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.9	59.8	89.8
98	44.3	39.5	59.3

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:35:34 AM

