

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102319\
 Data File : VV013303.D
 Acq On : 23 Oct 2019 18:39
 Operator : SY/MD
 Sample : K5395-06
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0046

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 10:45:42 AM

Quant Time: Oct 24 04:09:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 24 02:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1250381	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1193376	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	534682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	367802	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.74%
7) Chloroethane-d5	1.58	69	301495	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.24%
11) 1,1-Dichloroethene-d2	2.13	63	445071	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	3.97	46	560515	100.93	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.93%
24) Chloroform-d	4.40	84	812920	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
26) 1,2-Dichloroethane-d4	5.08	65	510640	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
32) Benzene-d6	5.10	84	1724328	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
36) 1,2-Dichloropropane-d6	6.12	67	539501	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.84%
41) Toluene-d8	7.36	98	1520635	45.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	228320	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.14	63	336381	97.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	699870	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	627995	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%

Target Compounds

					Qvalue
13) Acetone	2.25	43	11964m	2.915	ug/L
63) 1,4-Dichlorobenzene	11.31	146	12305	0.686	ug/L # 88
68) 1,2,4-trichlorobenzene	13.31	180	13024	1.194	ug/L 93
70) 1,2,3-Trichlorobenzene	13.79	180	34296	2.934	ug/L 99

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

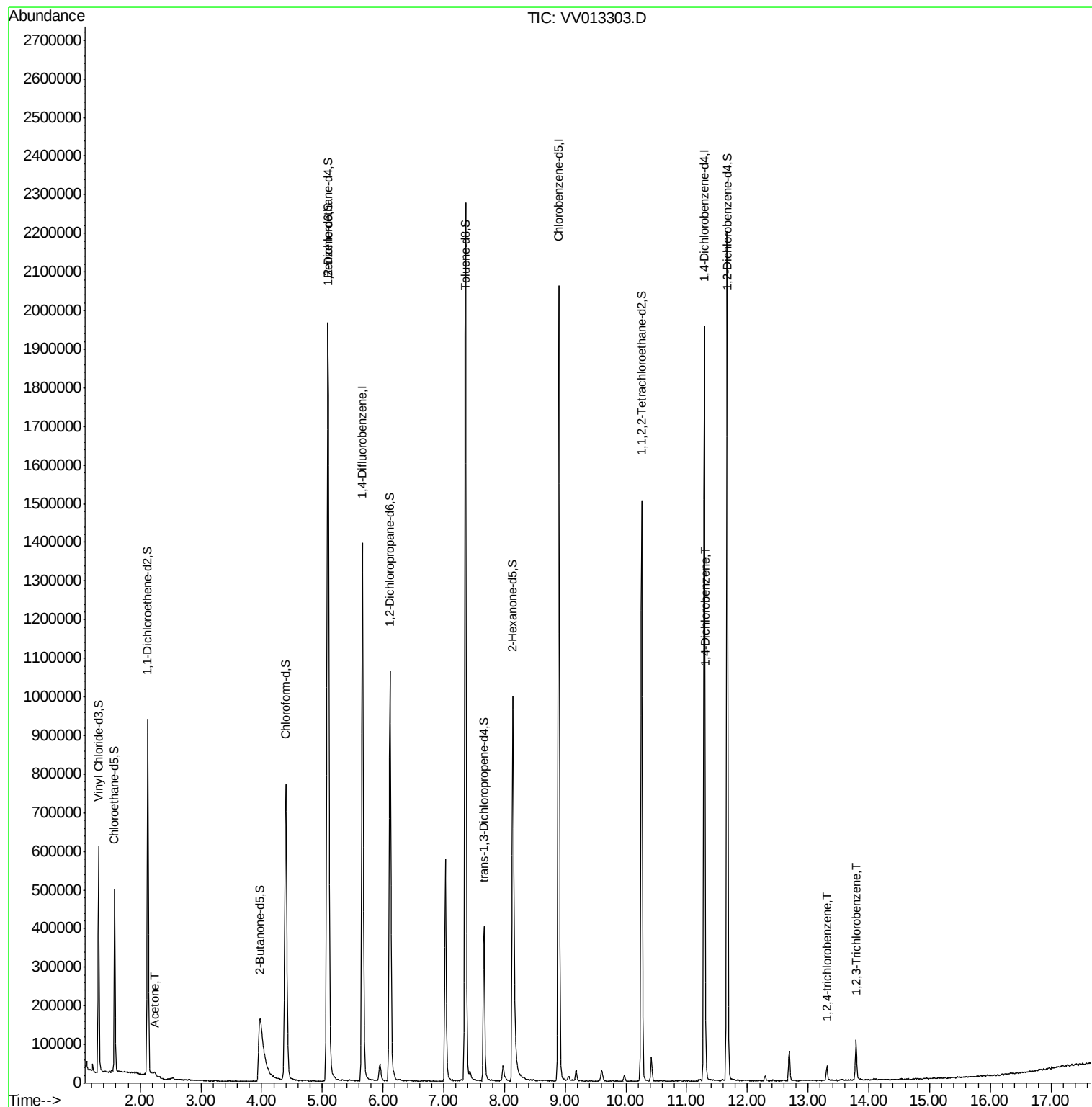
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV102319\
Data File : VV013303.D
Acq On : 23 Oct 2019 18:39
Operator : SY/MD
Sample : K5395-06
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

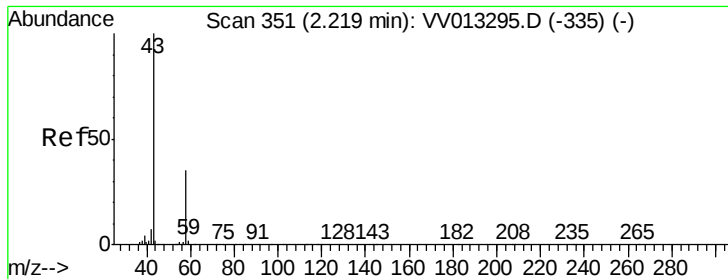
Instrument :
MSVOA_V
ClientSampleId :
C0046

Manual Integrations
APPROVED

MMDadoda
10/24/2019 10:45:42 AM

Quant Time: Oct 24 04:09:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 02:50:44 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.915 ug/L m

RT: 2.25 min Scan# 361

Delta R.T. 0.03 min

Lab File: VV013303.D

Acq: 23 Oct 2019 18:39

Instrument :

MSVOA_V

ClientSampled :

C0046

Tgt Ion: 43 Resp: 11964

Ion Ratio Lower Upper

43 100

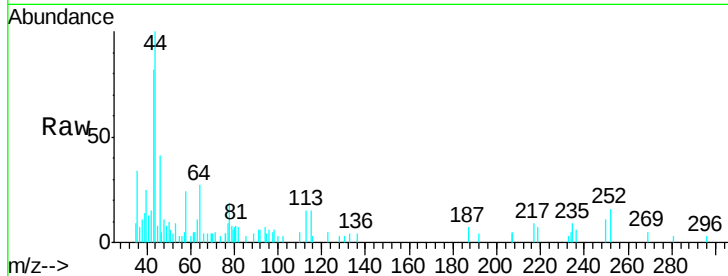
58 3.5 0.0 64.0

Manual Integrations

APPROVED

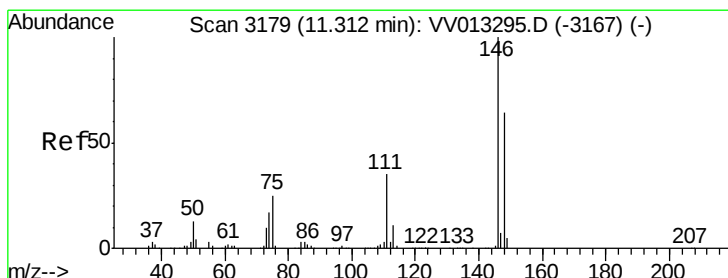
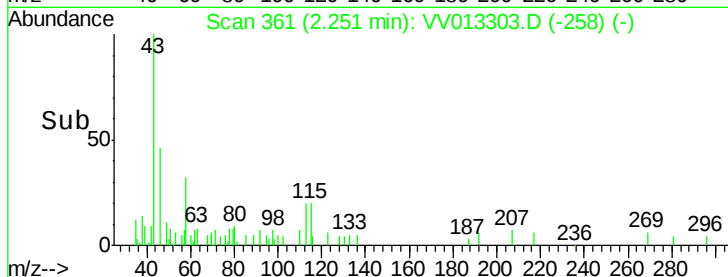
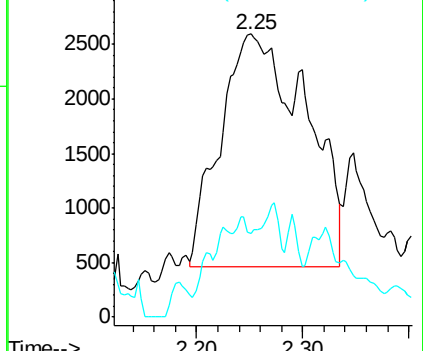
MMDadoda

10/24/2019 10:45:42 AM



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#63

1,4-Dichlorobenzene

Concen: 0.686 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. 0.00 min

Lab File: VV013303.D

Acq: 23 Oct 2019 18:39

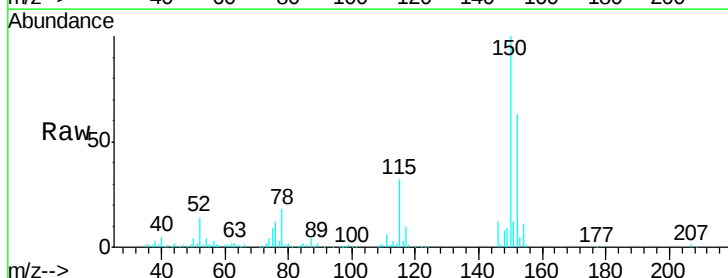
Tgt Ion: 146 Resp: 12305

Ion Ratio Lower Upper

146 100

111 48.6 24.5 45.5#

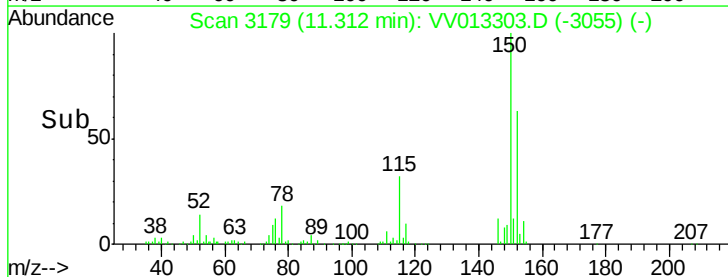
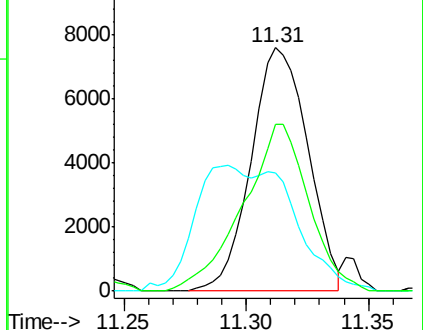
148 68.3 45.0 83.6

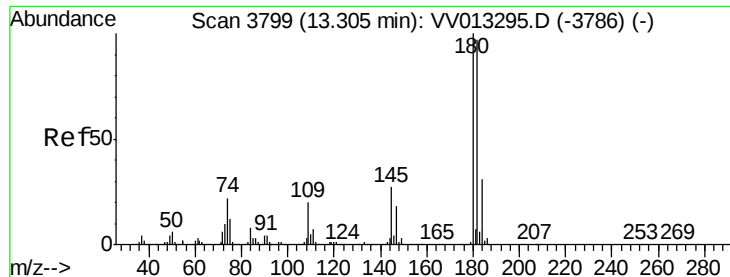


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





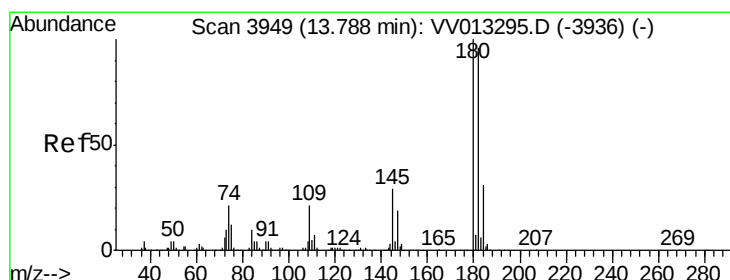
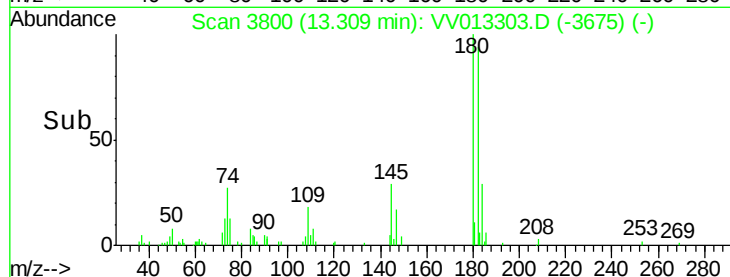
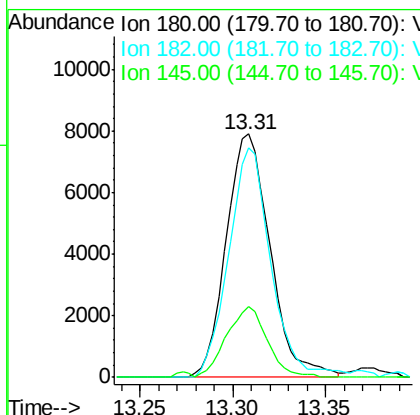
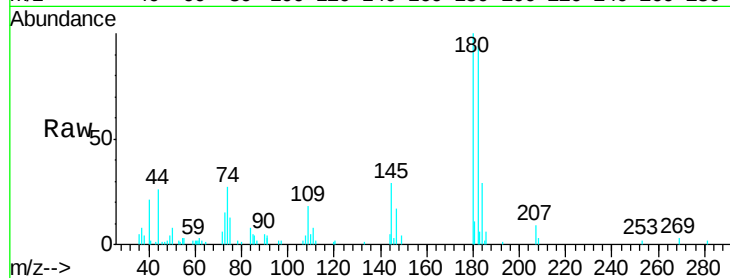
#68
 1,2,4-trichlorobenzene
 Concen: 1.194 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013303.D
 Acq: 23 Oct 2019 18:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C0046

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.0	77.3	115.9
145	26.9	21.7	32.5

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 10:45:42 AM



#70
 1,2,3-Trichlorobenzene
 Concen: 2.934 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013303.D
 Acq: 23 Oct 2019 18:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.0	115.6
145	31.0	23.4	35.2

