

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031615.D
 Acq On : 30 Apr 2019 03:09
 Operator : JC/SP
 Sample : K2593-03 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB7

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:44:47 AM

Quant Time: Apr 30 05:37:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	620850	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	611295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	215649	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	327928	63.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.22%
7) Chloroethane-d5	1.68	69	245123	61.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.10%
11) 1,1-Dichloroethene-d2	2.27	63	456807m	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.30%
21) 2-Butanone-d5	4.18	46	555787	118.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.06%
24) Chloroform-d	4.64	84	513045	53.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.82%
26) 1,2-Dichloroethane-d4	5.31	65	351411	56.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.04%
32) Benzene-d6	5.34	84	987978	52.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.26%
36) 1,2-Dichloropropane-d6	6.32	67	358956	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.70%
41) Toluene-d8	7.56	98	810802	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%
43) trans-1,3-Dichloropropene-	7.85	79	137436	48.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.96%
47) 2-Hexanone-d5	8.31	63	297735	104.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	446335	50.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.72%
64) 1,2-Dichlorobenzene-d4	11.85	152	243427	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	49368	5.608 ug/L	99
34) Trichloroethene	6.18	95	2028715	372.379 ug/L	95
42) Toluene	7.64	91	9663	0.432 ug/L	90
46) Tetrachloroethene	8.23	164	14606	3.933 ug/L	93

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

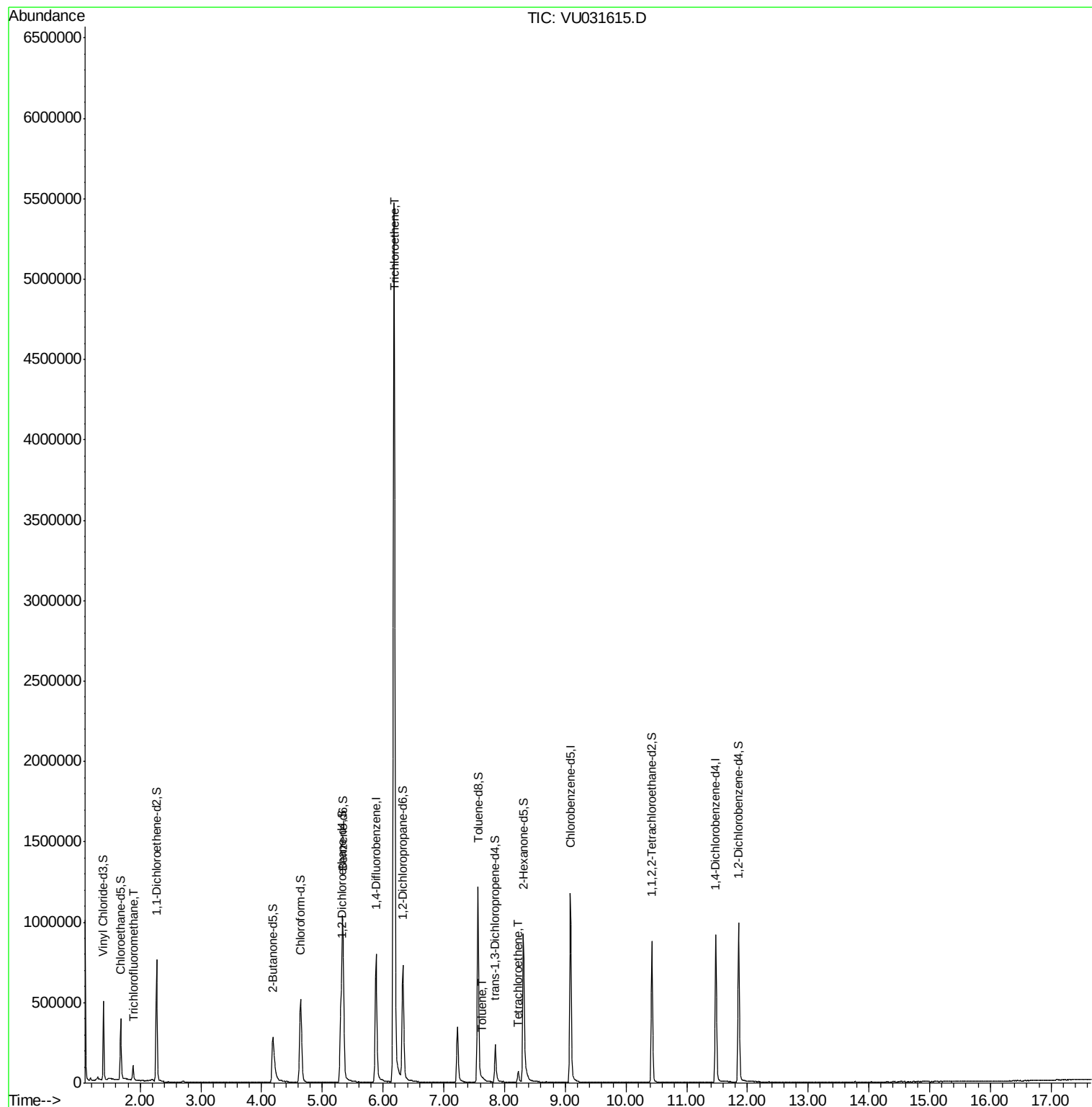
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031615.D
Acq On : 30 Apr 2019 03:09
Operator : JC/SP
Sample : K2593-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 48 Sample Multiplier: 1

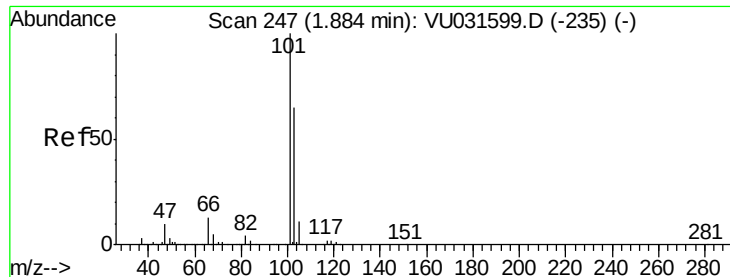
Instrument :
MSVOA_U
ClientSampleId :
C0XB7

Manual Integrations
APPROVED

MMDadoda
4/30/2019 11:44:47 AM

Quant Time: Apr 30 05:37:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration





#9

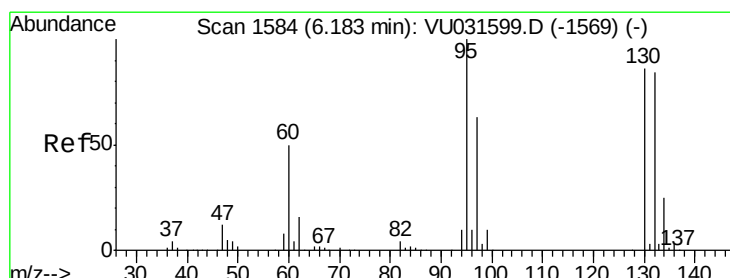
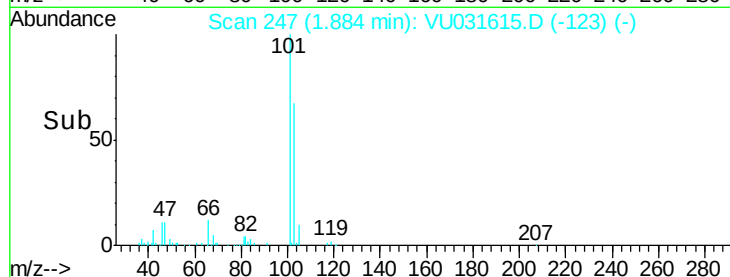
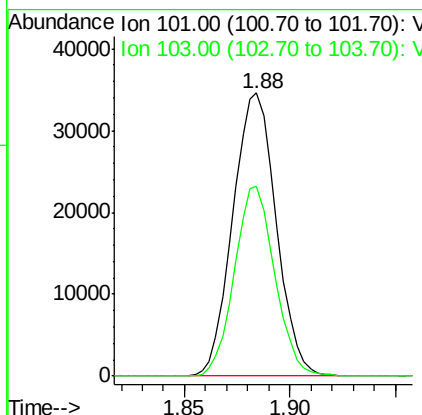
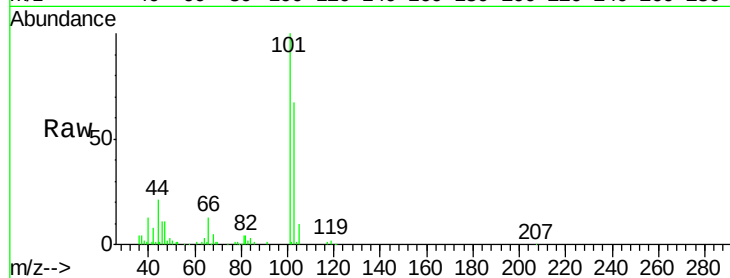
Trichlorofluoromethane
Concen: 5.608 ug/L
RT: 1.88 min Scan# 247
Delta R.T. -0.00 min
Lab File: VU031615.D
Acq: 30 Apr 2019 03:09

Instrument :
MSVOA_U
ClientSampleId :
C0XB7

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	50.8	76.2

Manual Integrations
APPROVED

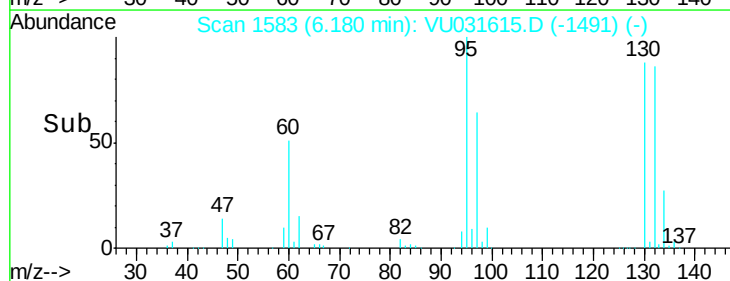
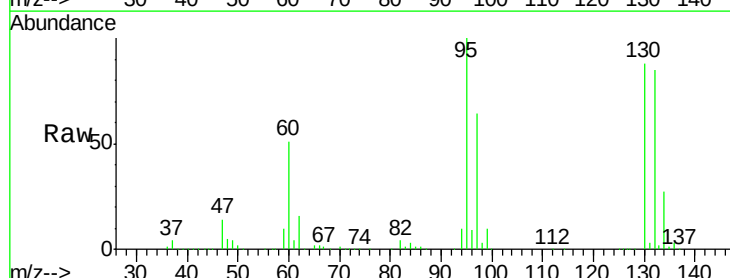
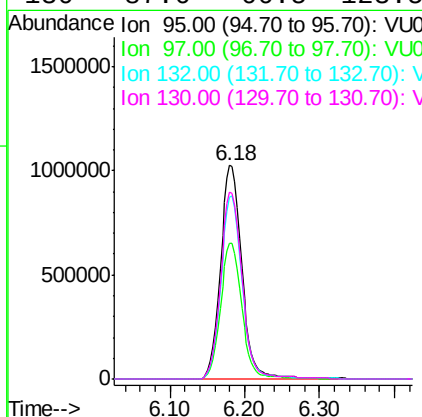
MMDadoda
4/30/2019 11:44:47 AM

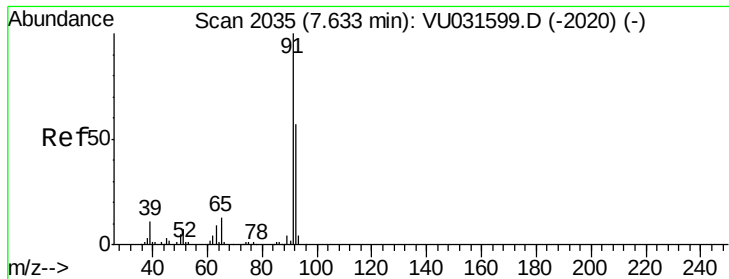


#34

Trichloroethene
Concen: 372.379 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031615.D
Acq: 30 Apr 2019 03:09

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.8	83.2
132	84.8	63.1	117.1
130	87.6	66.5	123.5





#42

Toluene

Concen: 0.432 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU031615.D

Acq: 30 Apr 2019 03:09

Instrument :

MSVOA_U

ClientSampled :

C0XB7

Tot Ion: 91 Resp: 9663

Ion Ratio Lower Upper

91 100

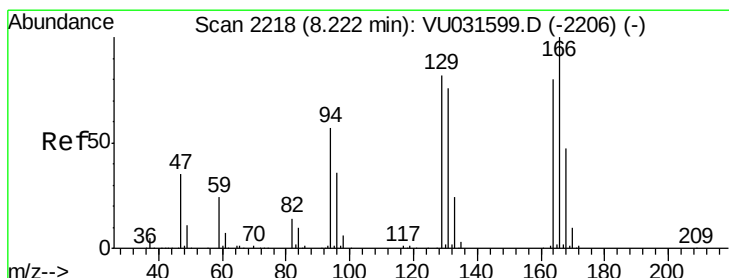
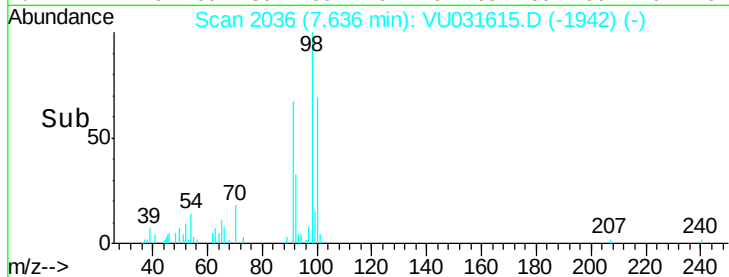
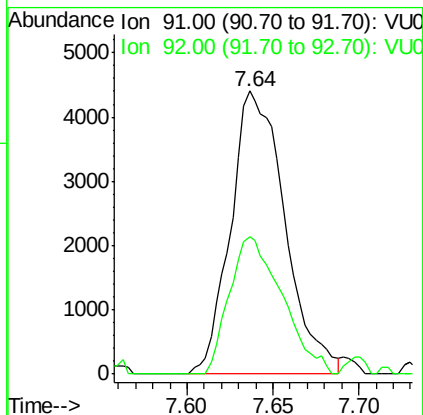
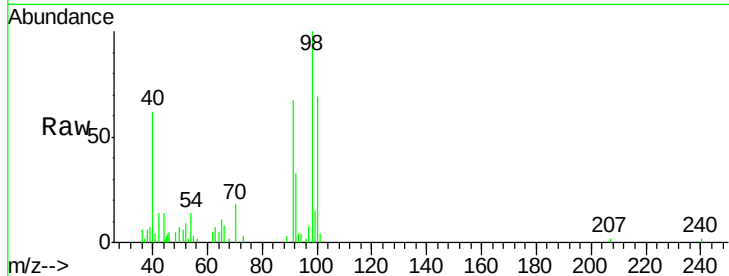
92 48.8 39.0 72.4

Manual Integrations

APPROVED

MMDadoda

4/30/2019 11:44:47 AM



#46

Tetrachloroethene

Concen: 3.933 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031615.D

Acq: 30 Apr 2019 03:09

Tgt Ion: 164 Resp: 14606

Ion Ratio Lower Upper

164 100

129 109.1 71.5 132.9

131 106.0 69.0 128.2

166 126.8 93.7 173.9

