

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031583.D
 Acq On : 29 Apr 2019 13:59
 Operator : JC/SP
 Sample : K2592-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG7

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 12:07:08 PM

Quant Time: Apr 30 03:06:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	676963	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	663244	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	253339	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	286767	50.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.22%
7) Chloroethane-d5	1.68	69	233431	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.64%
11) 1,1-Dichloroethene-d2	2.27	63	438528m	38.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.74%
21) 2-Butanone-d5	4.18	46	607093	118.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.26%
24) Chloroform-d	4.64	84	537175	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.54%
26) 1,2-Dichloroethane-d4	5.31	65	372931	55.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.02%
32) Benzene-d6	5.34	84	1042236	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.34%
36) 1,2-Dichloropropane-d6	6.32	67	378712	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.70%
41) Toluene-d8	7.56	98	878077	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.85	79	153837	50.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.02%
47) 2-Hexanone-d5	8.31	63	348328	112.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.31%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	493003	51.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	287156	53.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	39799	4.146	ug/L	98
13) Acetone	2.34	43	54768	9.472	ug/L	94
34) Trichloroethene	6.19	95	19525	3.303	ug/L	89
46) Tetrachloroethene	8.22	164	39954	9.915	ug/L	93

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

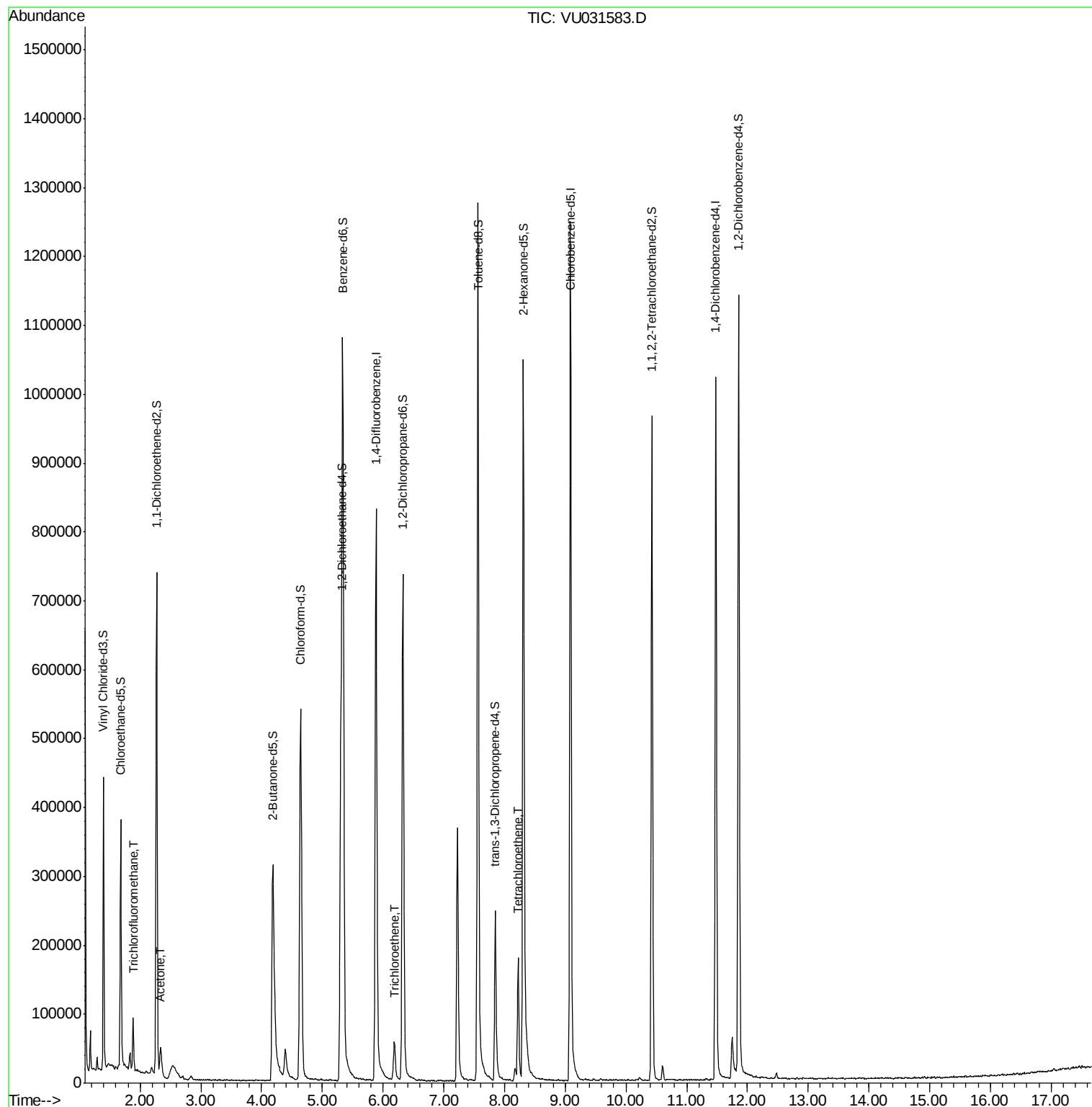
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031583.D
Acq On : 29 Apr 2019 13:59
Operator : JC/SP
Sample : K2592-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

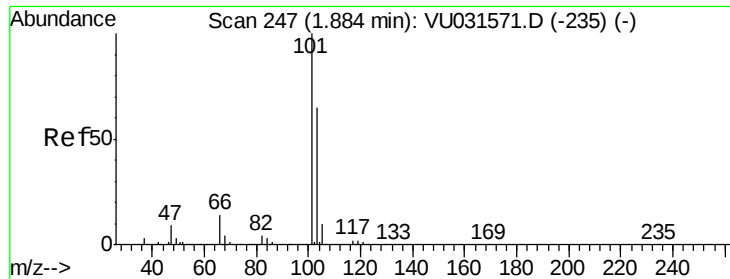
Instrument :
MSVOA_U
ClientSampleId :
C0XG7

Manual Integrations
APPROVED

MMDadoda
4/30/2019 12:07:08 PM

Quant Time: Apr 30 03:06:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 4.146 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU031583.D

Acq: 29 Apr 2019 13:59

Instrument :

MSVOA_U

ClientSampleId :

C0XG7

Tot Ion:101 Resp: 39799

Ion Ratio Lower Upper

101 100

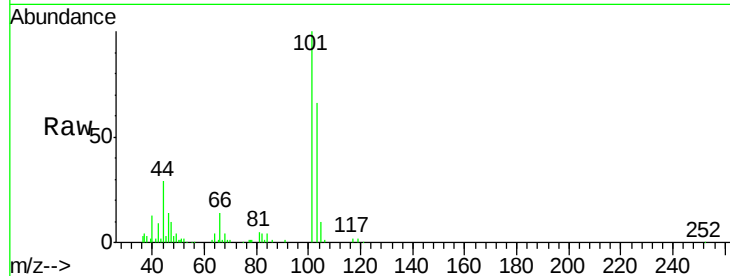
103 61.9 50.8 76.2

Manual Integrations

APPROVED

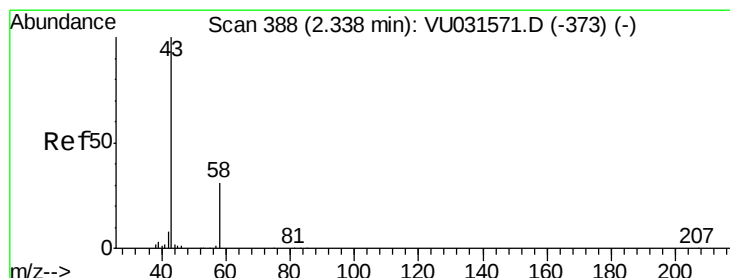
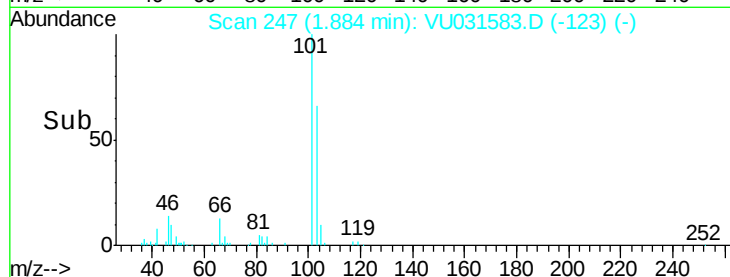
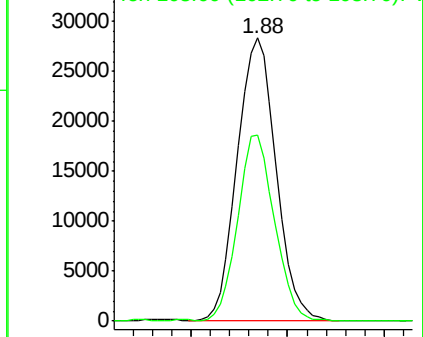
MMDadoda

4/30/2019 12:07:08 PM



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 9.472 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU031583.D

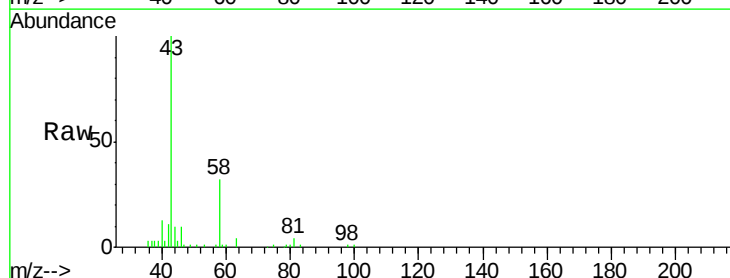
Acq: 29 Apr 2019 13:59

Tgt Ion: 43 Resp: 54768

Ion Ratio Lower Upper

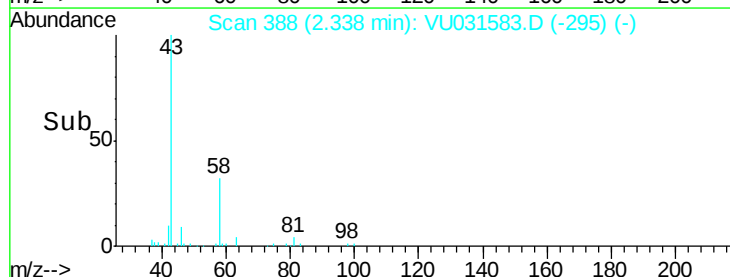
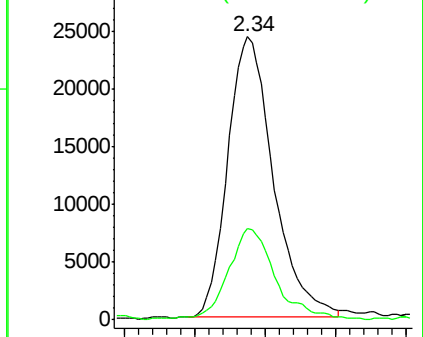
43 100

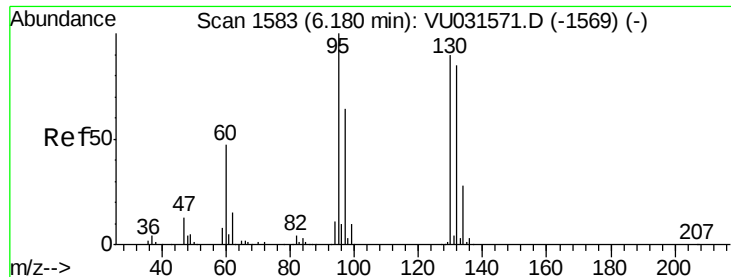
58 28.6 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





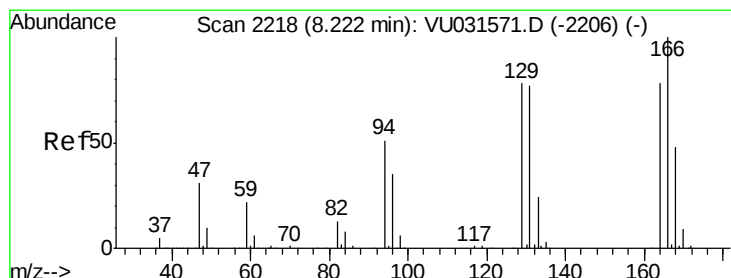
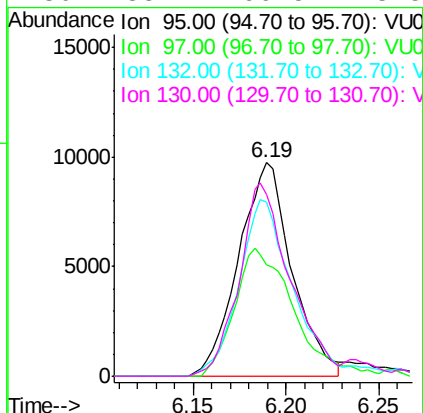
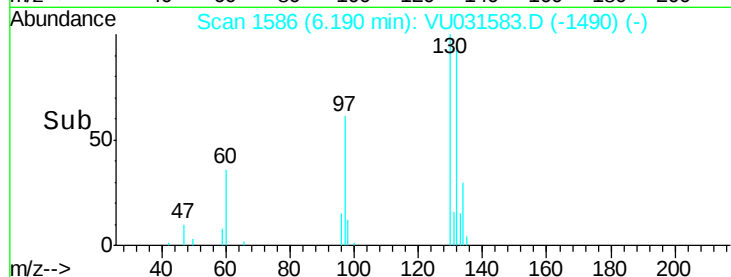
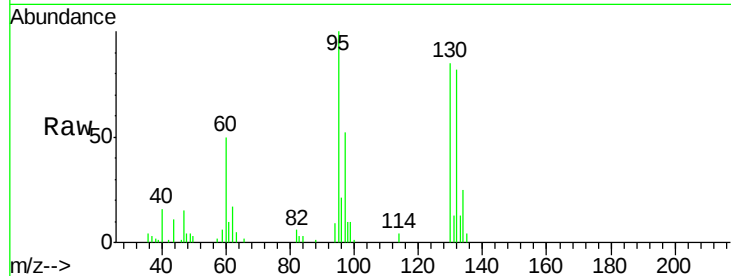
#34
 Trichloroethene
 Concen: 3.303 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU031583.D
 Acq: 29 Apr 2019 13:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		19525		
97	52.4	44.8	83.2		
132	81.5	63.1	117.1		
130	85.4	66.5	123.5		

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 12:07:08 PM



#46
 Tetrachloroethene
 Concen: 9.915 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031583.D
 Acq: 29 Apr 2019 13:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		39954		
129	111.5	71.5	132.9		
131	101.2	69.0	128.2		
166	144.6	93.7	173.9		

