

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031250.D
 Acq On : 17 Apr 2019 11:23
 Operator : JC/SP
 Sample : K2410-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0WZ2

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 9:19:09 AM

Quant Time: Apr 18 05:22:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 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	497130	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	479542	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	192401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194369	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.92%
7) Chloroethane-d5	1.68	69	161680	40.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.34%
11) 1,1-Dichloroethene-d2	2.27	63	282258	31.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.24%
21) 2-Butanone-d5	4.19	46	299664	89.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.87%
24) Chloroform-d	4.64	84	313473	41.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.08%
26) 1,2-Dichloroethane-d4	5.31	65	205431	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
32) Benzene-d6	5.34	84	636091	41.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.92%
36) 1,2-Dichloropropane-d6	6.33	67	210249	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.56	98	549039	41.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.32%
43) trans-1,3-Dichloropropene-	7.85	79	94338	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
47) 2-Hexanone-d5	8.31	63	233578	100.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293164	42.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.84%
64) 1,2-Dichlorobenzene-d4	11.85	152	195597	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	26826	3.542 ug/L	97
13) Acetone	2.34	43	6978m	2.719 ug/L	
34) Trichloroethene	6.19	95	33386	8.273 ug/L	99
46) Tetrachloroethene	8.22	164	40452	13.327 ug/L	98

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

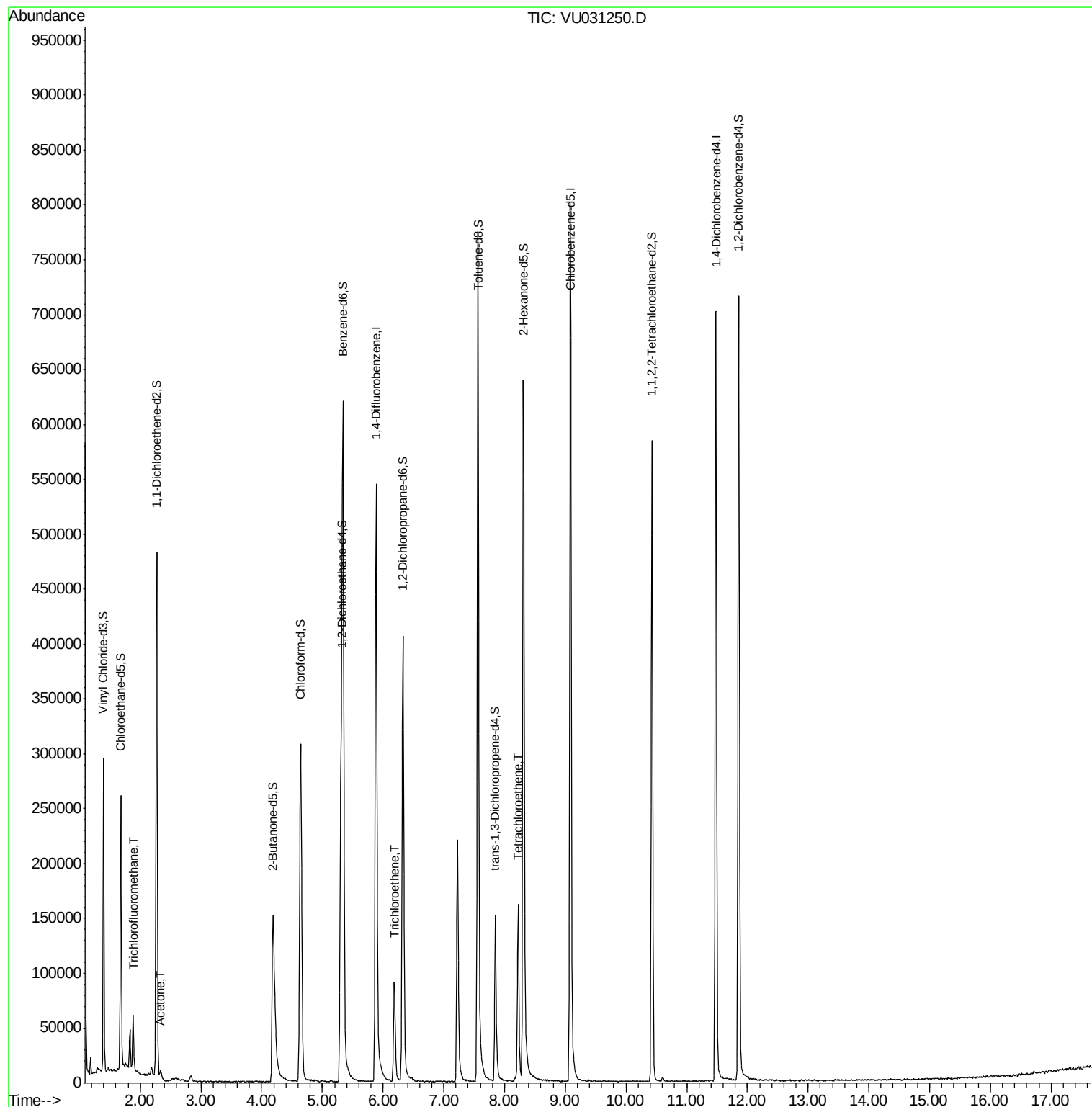
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
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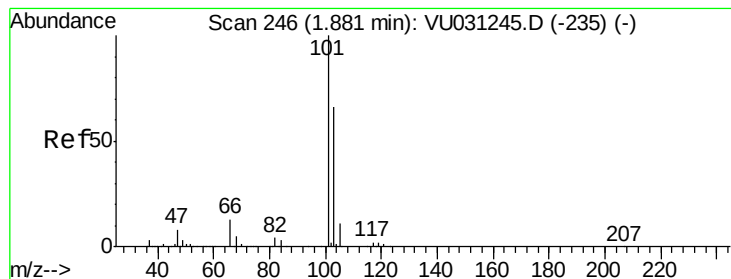
Instrument :
MSVOA_U
ClientSampleId :
C0WZ2

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#9

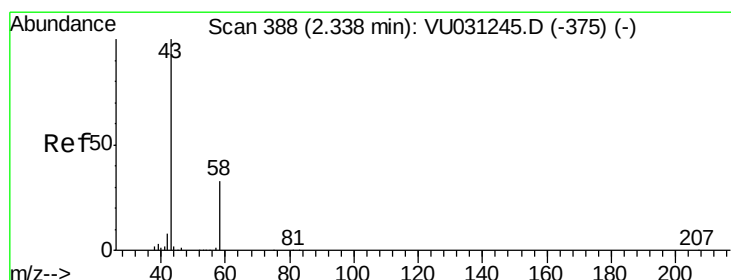
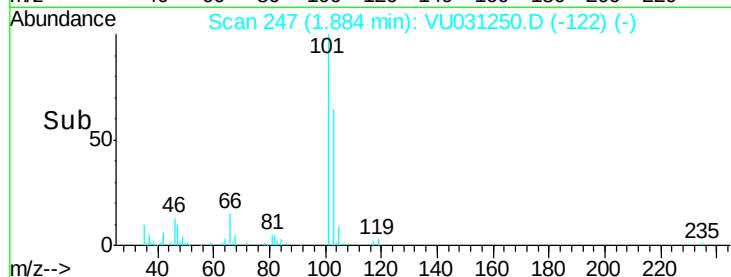
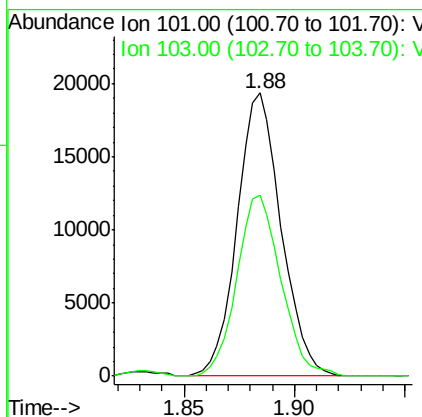
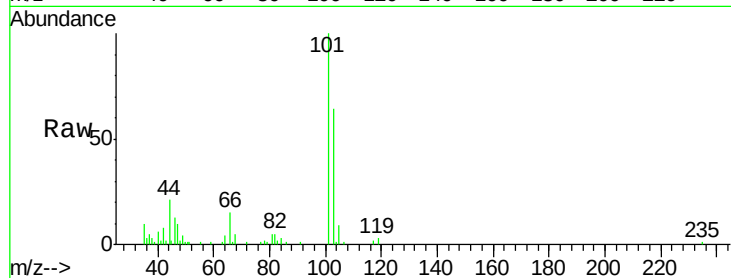
Trichlorofluoromethane
 Concen: 3.542 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031250.D
 Acq: 17 Apr 2019 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0WZ2

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	53.0	79.6

Manual Integrations
 APPROVED

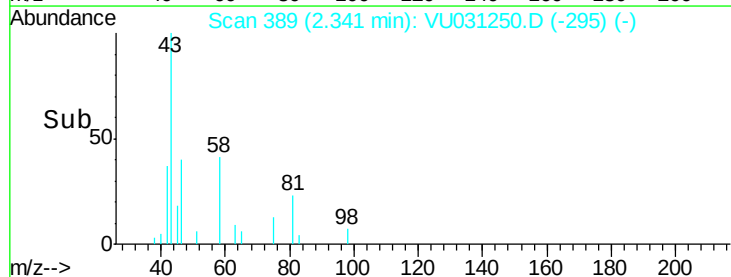
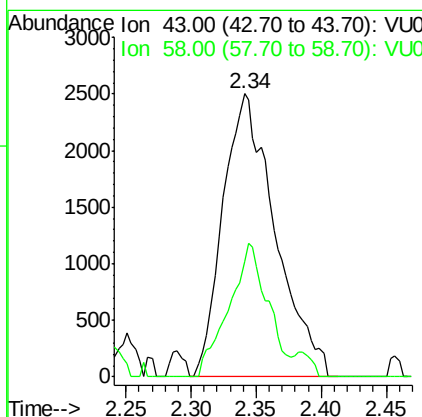
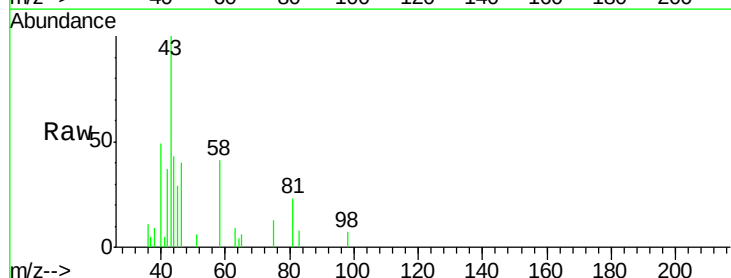
MMDadoda
 4/18/2019 9:19:09 AM

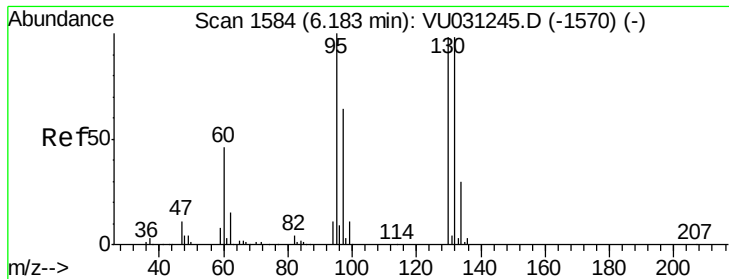


#13

Acetone
 Concen: 2.719 ug/L m
 RT: 2.34 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VU031250.D
 Acq: 17 Apr 2019 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.3	0.0	65.0





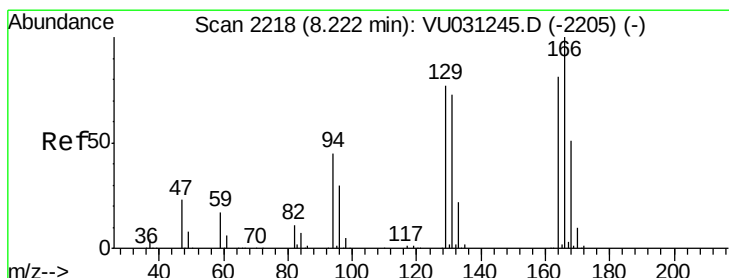
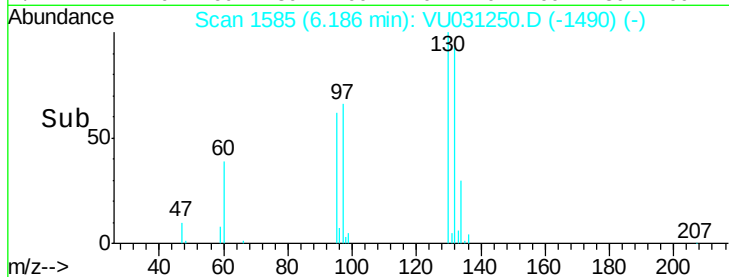
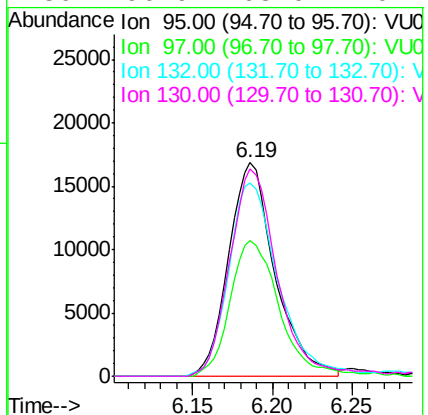
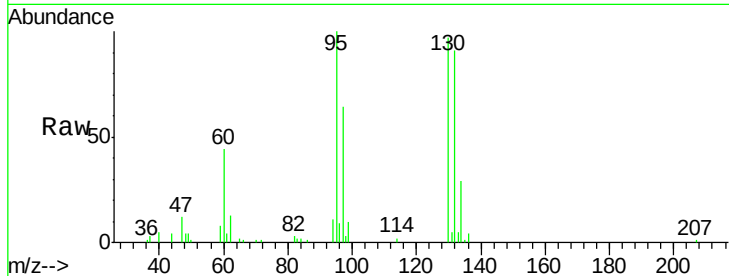
#34
 Trichloroethene
 Concen: 8.273 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU031250.D
 Acq: 17 Apr 2019 11:23

Instrument :
 MSVOA_U
 ClientSampled :
 COWZ2

Tot Ion	95	Resp	33386
Ion	Ratio	Lower	Upper
95	100		
97	63.8	43.6	81.0
132	90.5	64.5	119.7
130	96.9	68.0	126.2

Manual Integrations
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 4/18/2019 9:19:09 AM



#46
 Tetrachloroethene
 Concen: 13.327 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU031250.D
 Acq: 17 Apr 2019 11:23

Tgt Ion	164	Resp	40452
Ion	Ratio	Lower	Upper
164	100		
129	96.9	66.5	123.5
131	91.2	62.3	115.7
166	130.8	90.6	168.3

