

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031590.D
 Acq On : 29 Apr 2019 16:41
 Operator : JC/SP
 Sample : K2536-22DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X10DL

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 12:07:31 PM

Quant Time: Apr 30 04:10:42 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	663692	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	649739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	288167	51.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.76%
7) Chloroethane-d5	1.68	69	235666	54.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.27	63	438667	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.32%
21) 2-Butanone-d5	4.19	46	577342	114.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.72%
24) Chloroform-d	4.64	84	525924	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.31	65	368619	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.92%
32) Benzene-d6	5.34	84	1041907	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
36) 1,2-Dichloropropane-d6	6.32	67	373370	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.38%
41) Toluene-d8	7.56	98	851837	49.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.04%
43) trans-1,3-Dichloropropene-	7.85	79	146582	48.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.30%
47) 2-Hexanone-d5	8.31	63	331426	109.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	480103	50.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	264685	53.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	18948	2.013	ug/L	99
13) Acetone	2.35	43	10092m	1.780	ug/L	
34) Trichloroethene	6.18	95	315460	54.478	ug/L	96
46) Tetrachloroethene	8.22	164	30115	7.629	ug/L	98

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

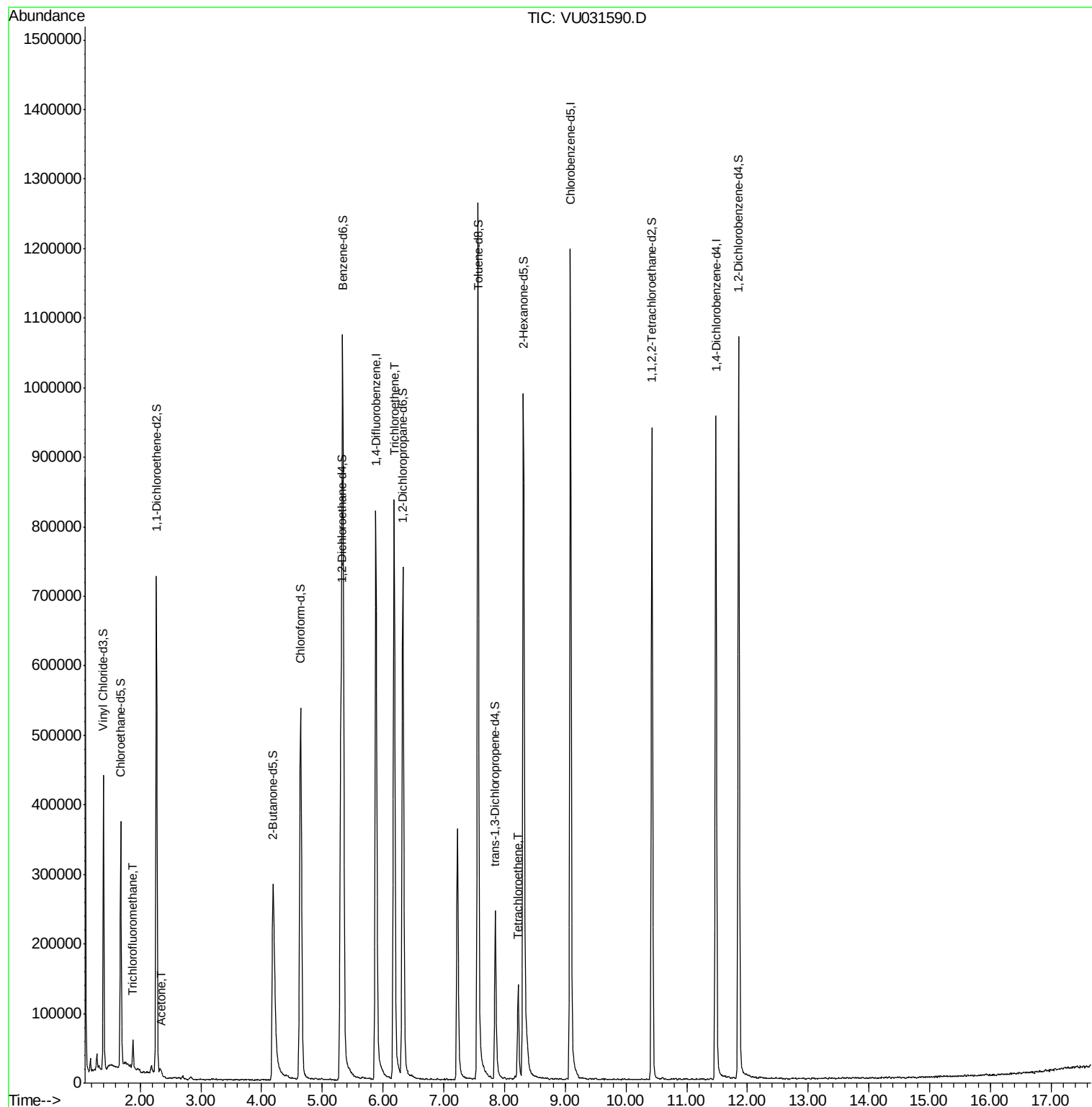
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042919\
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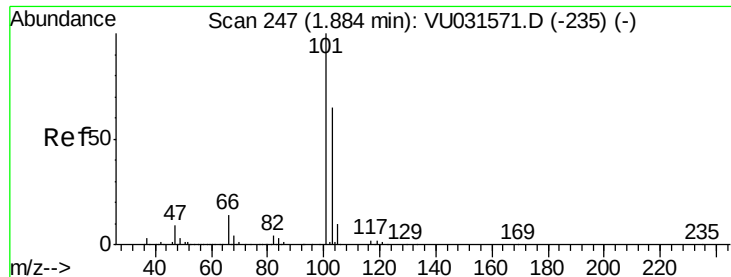
Instrument :
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#9

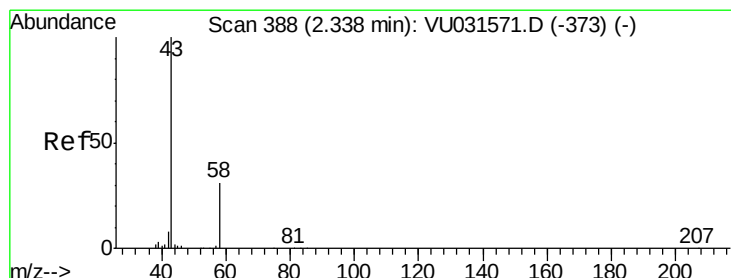
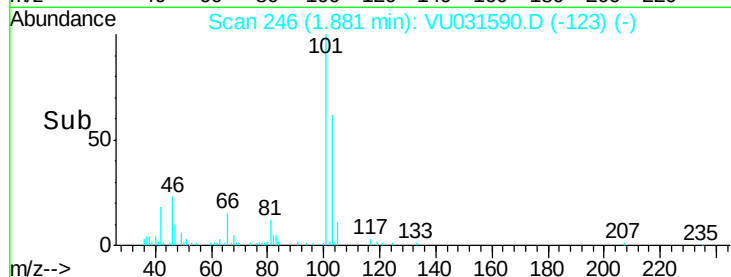
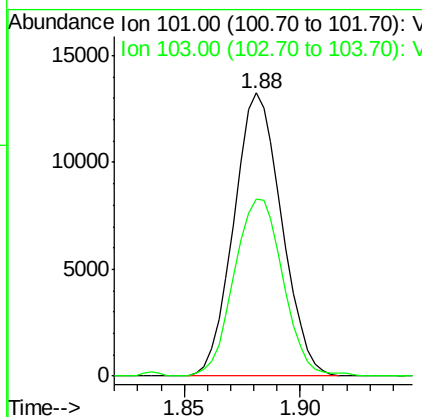
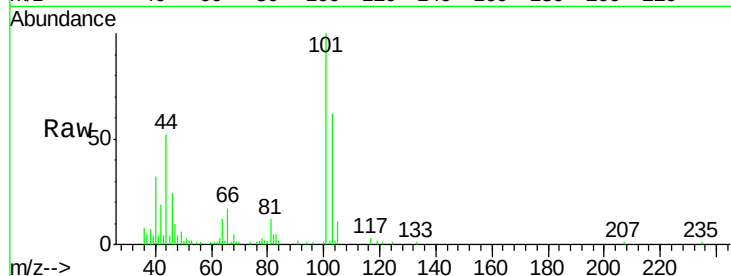
Trichlorofluoromethane
 Concen: 2.013 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031590.D
 Acq: 29 Apr 2019 16:41

Instrument :
 MSVOA_U
 ClientSampled :
 C0X10DL

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.8	76.2

Manual Integrations
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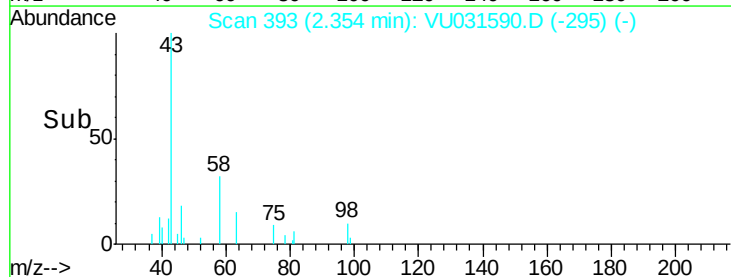
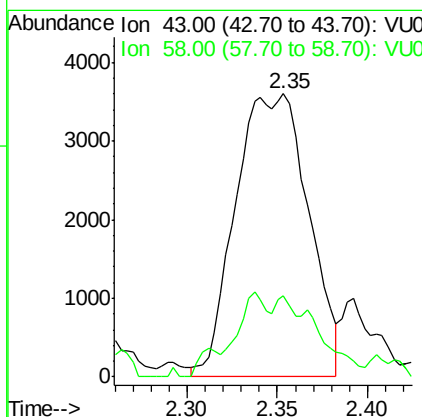
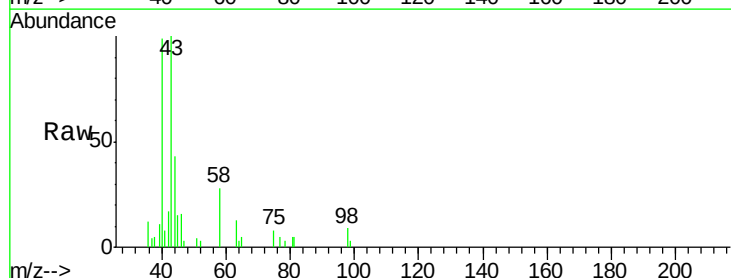
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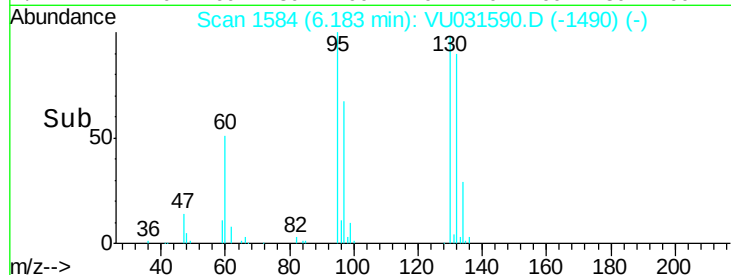
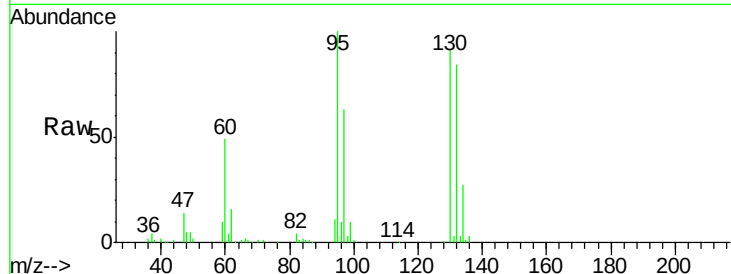
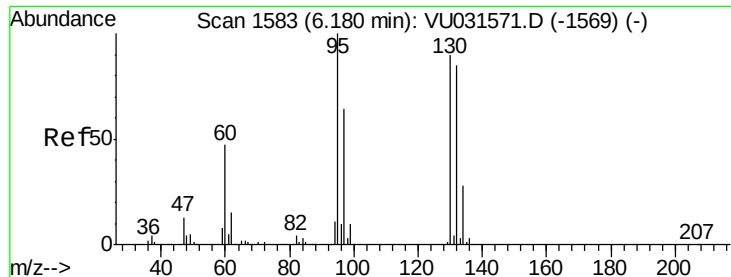


#13

Acetone
 Concen: 1.780 ug/L m
 RT: 2.35 min Scan# 393
 Delta R.T. 0.02 min
 Lab File: VU031590.D
 Acq: 29 Apr 2019 16:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	8.6	0.0	64.4





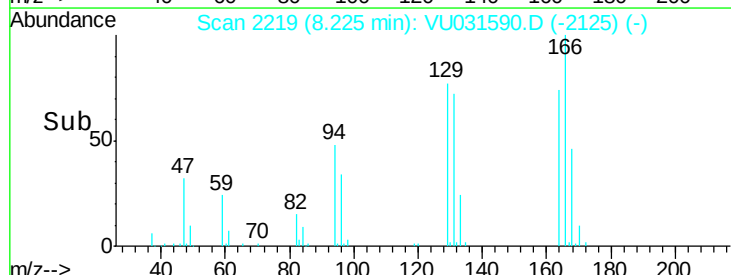
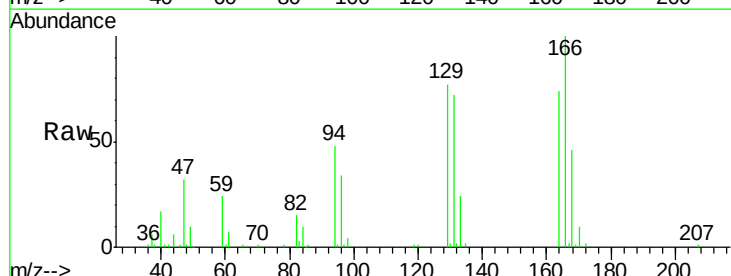
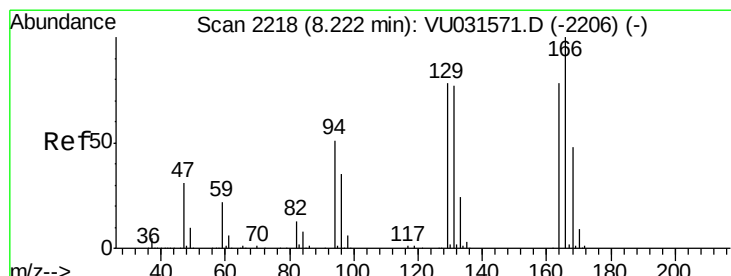
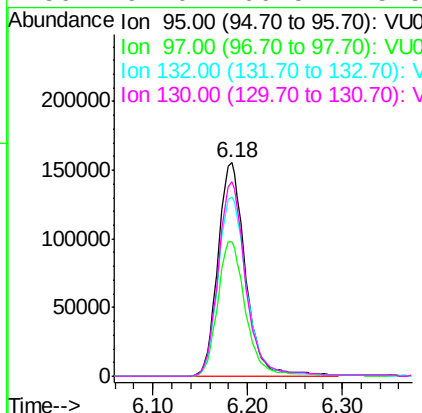
#34
 Trichloroethene
 Concen: 54.478 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031590.D
 Acq: 29 Apr 2019 16:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		315460		
97	62.8	44.8	83.2		
132	84.1	63.1	117.1		
130	91.0	66.5	123.5		

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#46
 Tetrachloroethene
 Concen: 7.629 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031590.D
 Acq: 29 Apr 2019 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		30115		
129	104.2	71.5	132.9		
131	97.1	69.0	128.2		
166	135.6	93.7	173.9		

