

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031559.D
 Acq On : 27 Apr 2019 02:36
 Operator : JC/SP
 Sample : K2592-12 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X72

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:20:36 AM

Quant Time: Apr 27 04:28:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 03:26:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	814429	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	774803	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	307182	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	356669	52.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.66%
7) Chloroethane-d5	1.68	69	277465	52.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.36%
11) 1,1-Dichloroethene-d2	2.27	63	520511	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.70%
21) 2-Butanone-d5	4.18	46	673845	109.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.11%
24) Chloroform-d	4.64	84	599245	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	403199	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
32) Benzene-d6	5.34	84	1246328	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.76%
36) 1,2-Dichloropropane-d6	6.32	67	421806	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.78%
41) Toluene-d8	7.56	98	1036645	50.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.04%
43) trans-1,3-Dichloropropene-	7.85	79	169321	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.24%
47) 2-Hexanone-d5	8.31	63	417451	115.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	549486	48.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	332829	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	199285	17.256 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	5475m	0.771 ug/L	
34) Trichloroethene	6.18	95	11577488	1676.634 ug/L	98
46) Tetrachloroethene	8.22	164	79397	16.866 ug/L	96

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

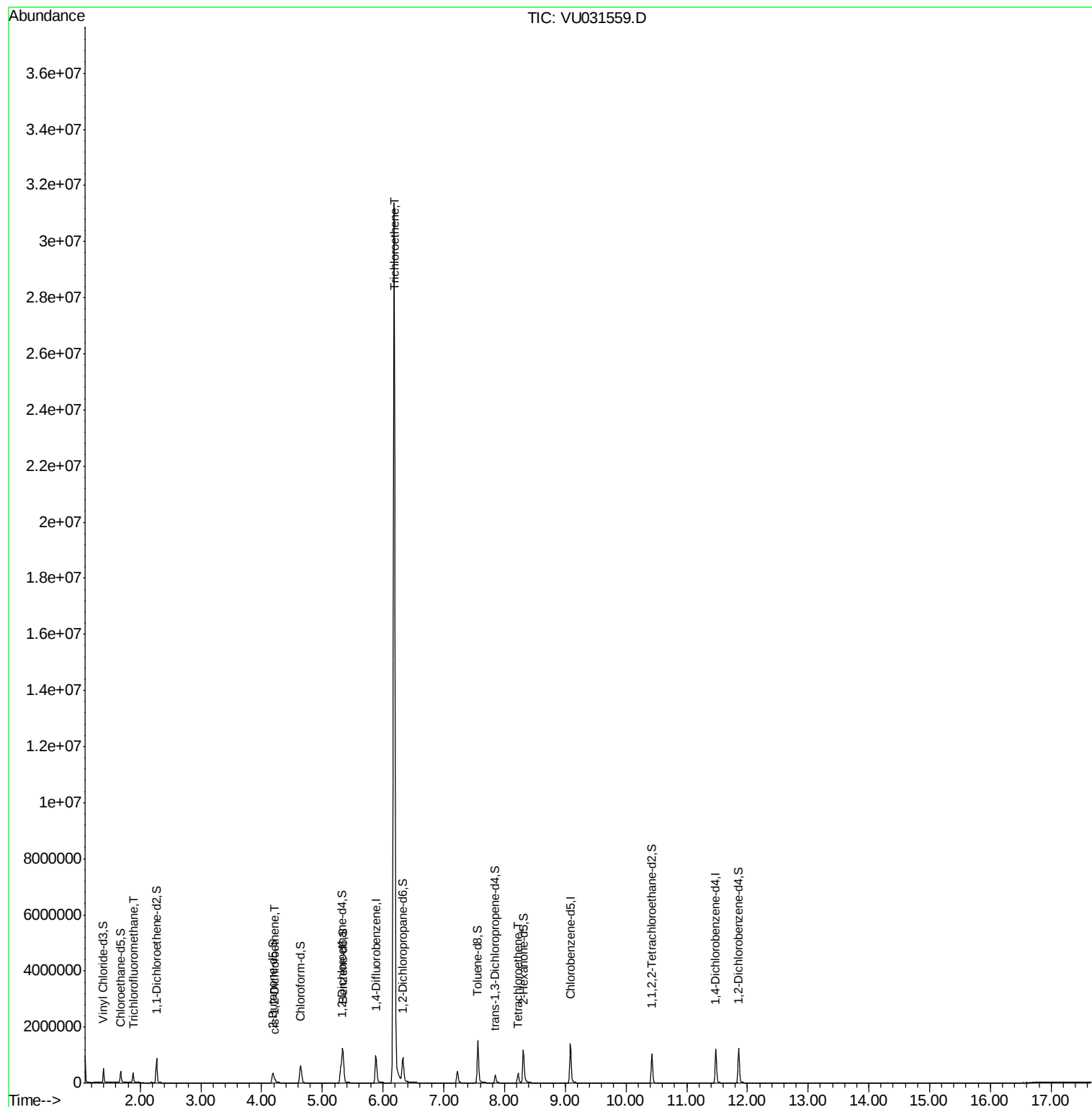
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042719\
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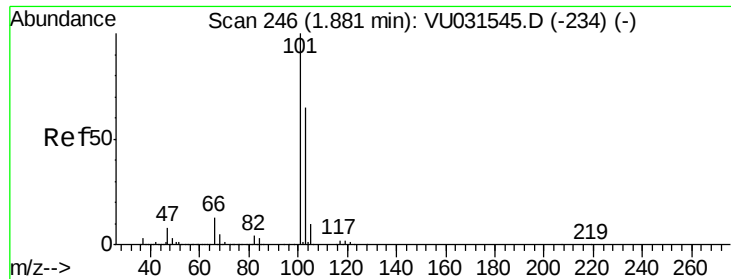
Instrument :
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Response via : Initial Calibration





#9

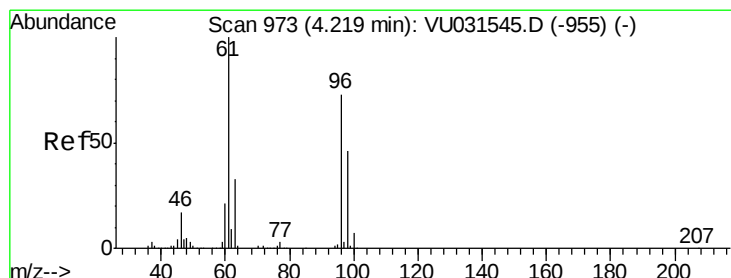
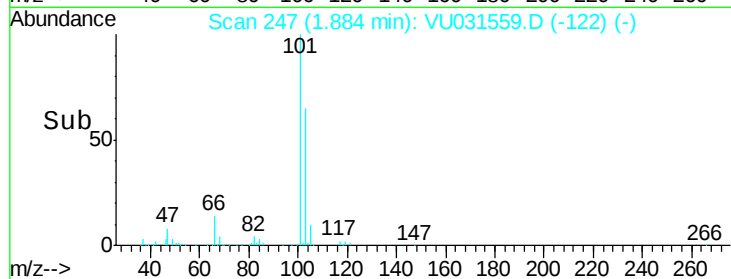
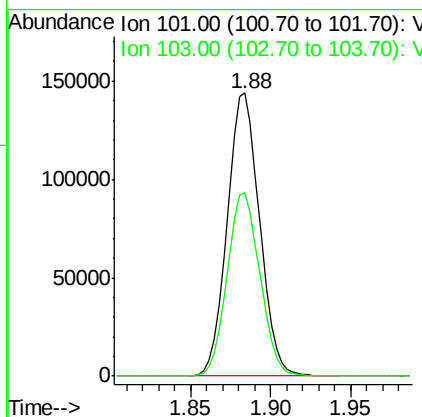
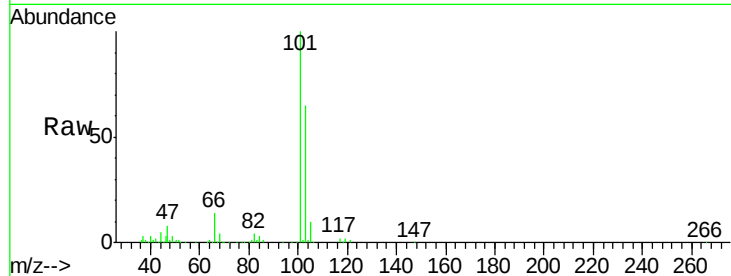
Trichlorofluoromethane
 Concen: 17.256 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031559.D
 Acq: 27 Apr 2019 02:36

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X72

Tot Ion	Ratio	Resp	Lower	Upper
101	100	199285		
103	65.3	50.8	76.2	

Manual Integrations
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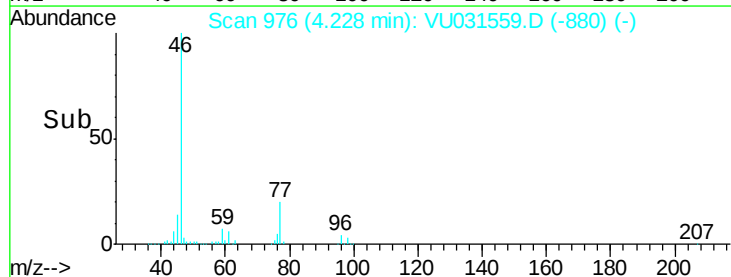
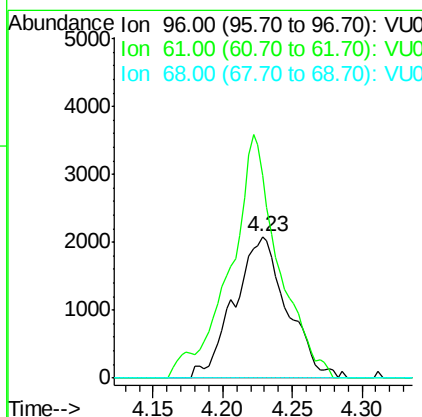
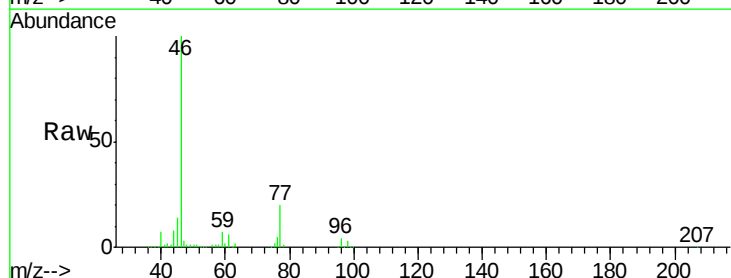
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 4/29/2019 10:20:36 AM

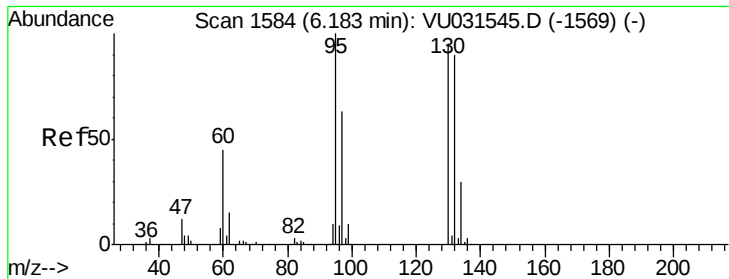


#20

cis-1,2-Dichloroethene
 Concen: 0.771 ug/L m
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU031559.D
 Acq: 27 Apr 2019 02:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	5475		
61	143.7	99.5	184.7	
68	0.0	0.0	0.0	





#34
 Trichloroethene
 Concen: 1676.634 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031559.D
 Acq: 27 Apr 2019 02:36

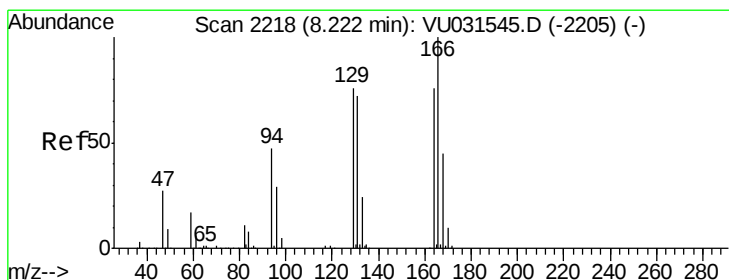
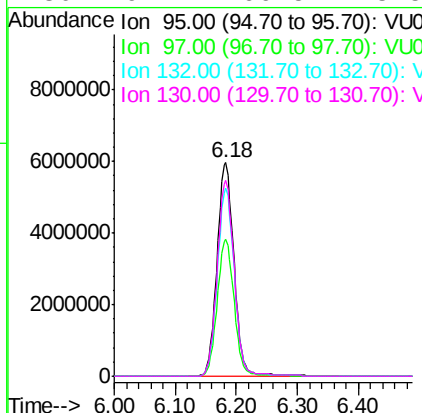
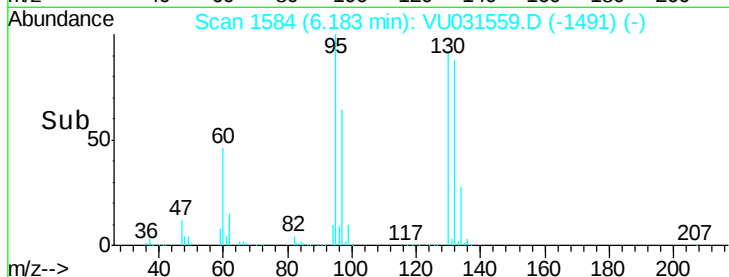
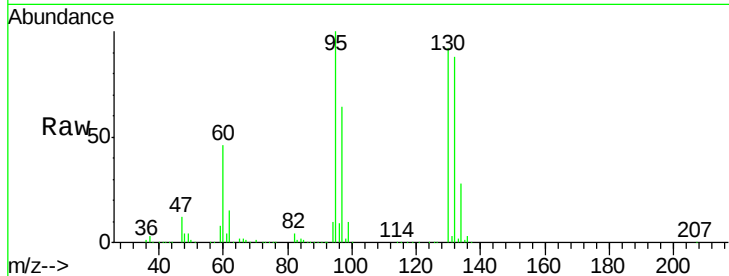
Instrument :
 MSVOA_U
 ClientSampled :
 C0X72

Tot Ion: 95 Resp: 11577488

Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.8	83.2
132	88.1	63.1	117.1
130	91.7	66.5	123.5

Manual Integrations
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#46
 Tetrachloroethene
 Concen: 16.866 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031559.D
 Acq: 27 Apr 2019 02:36

Tgt Ion: 164 Resp: 79397

Ion	Ratio	Lower	Upper
164	100		
129	101.0	71.5	132.9
131	106.3	69.0	128.2
166	137.5	93.7	173.9

