

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031568.D
 Acq On : 27 Apr 2019 06:05
 Operator : JC/SP
 Sample : K2593-01 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB2

Manual Integrations
 APPROVED

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 4/29/2019 10:20:48 AM

Quant Time: Apr 29 01:23:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 01:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	806018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	763748	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	285874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	348798	51.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.42%
7) Chloroethane-d5	1.68	69	278839	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.98%
11) 1,1-Dichloroethene-d2	2.27	63	513656	38.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.48%
21) 2-Butanone-d5	4.19	46	663650	108.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.58%
24) Chloroform-d	4.64	84	601471m	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
26) 1,2-Dichloroethane-d4	5.31	65	411487	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.96%
32) Benzene-d6	5.34	84	1217457	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
36) 1,2-Dichloropropane-d6	6.32	67	429830	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.18%
41) Toluene-d8	7.56	98	1019356	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.85	79	162935	46.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.00%
47) 2-Hexanone-d5	8.31	63	405510	113.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	543057	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	321097	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%

Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	40254	3.522 ug/L	97
34) Trichloroethene	6.18	95	2843419	417.740 ug/L	97
46) Tetrachloroethene	8.22	164	16482	3.552 ug/L	96

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

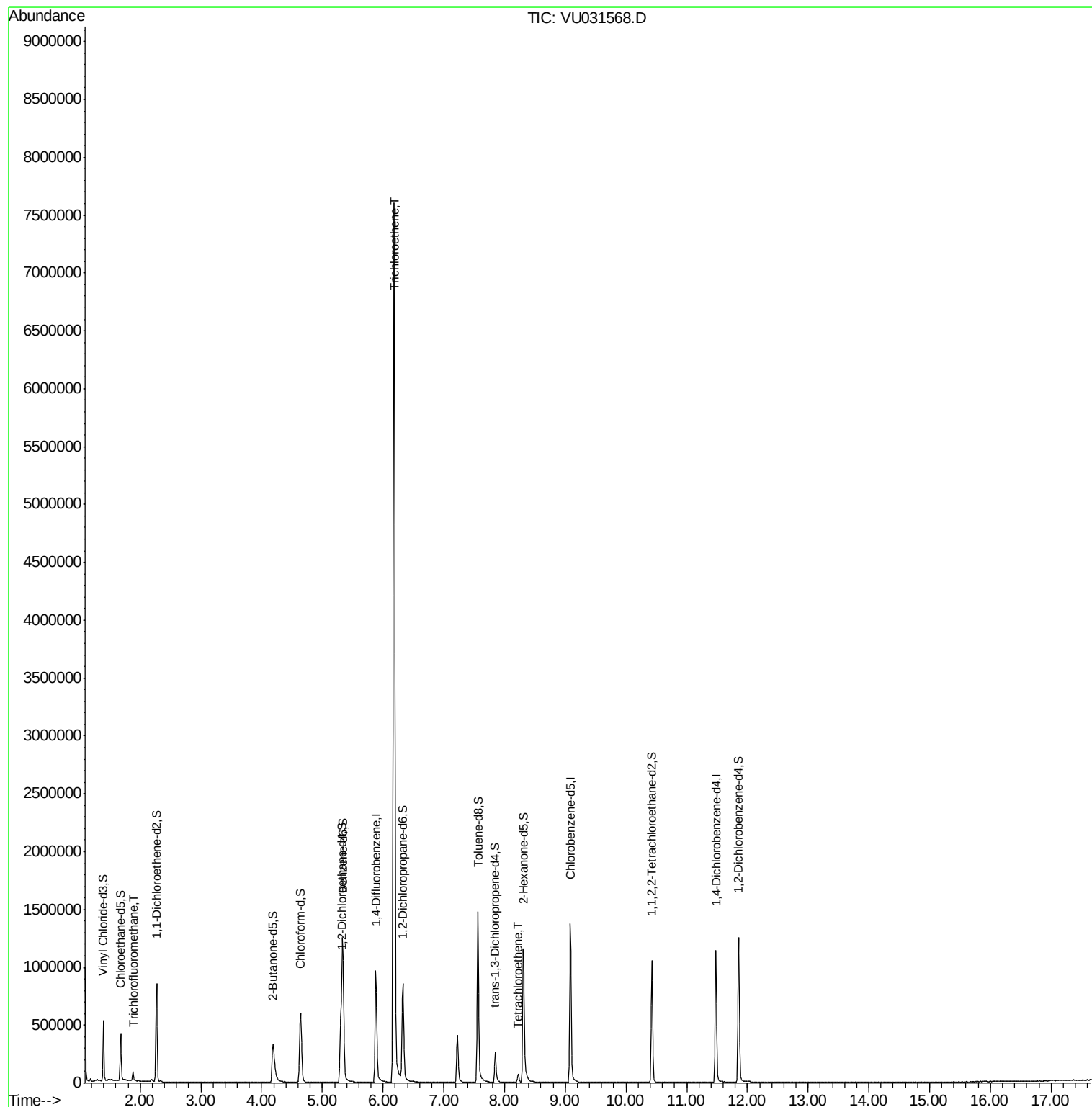
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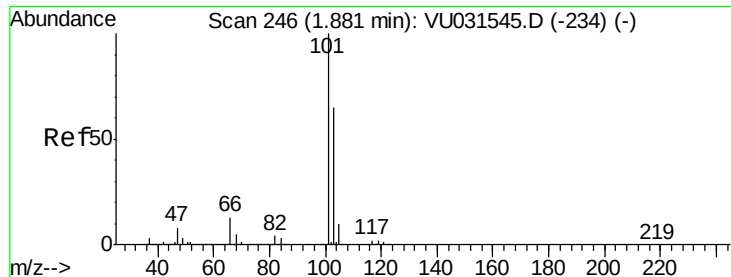
Instrument :
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#9

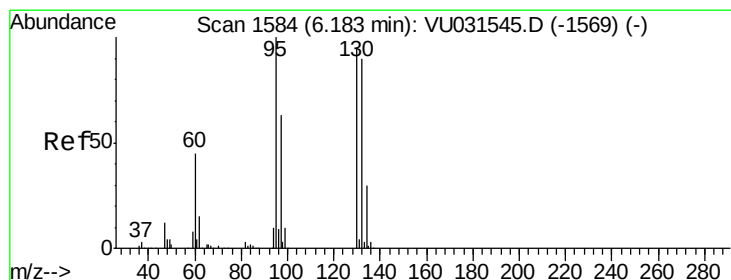
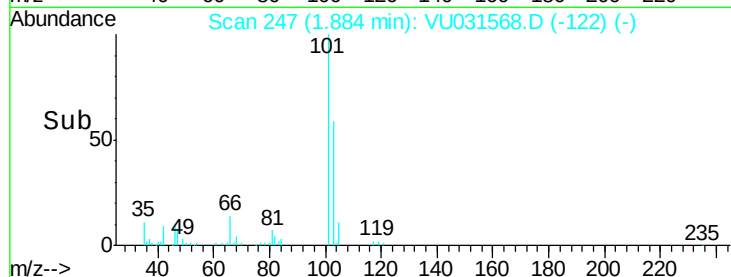
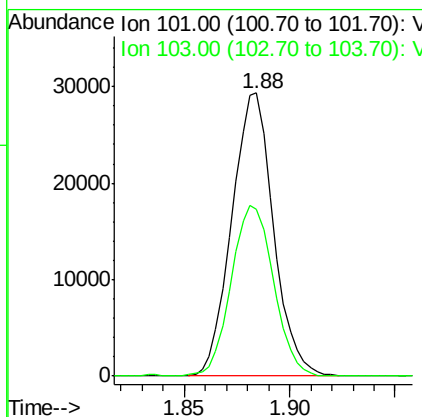
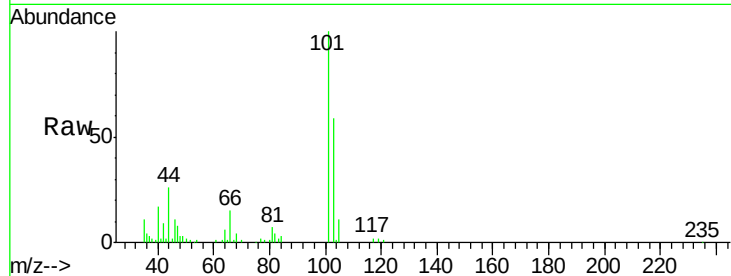
Trichlorofluoromethane
 Concen: 3.522 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031568.D
 Acq: 27 Apr 2019 06:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB2

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.1	50.8	76.2

Manual Integrations
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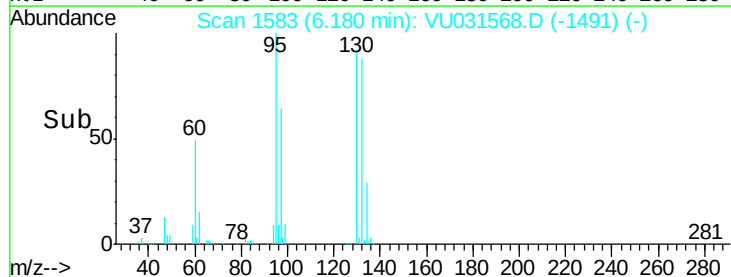
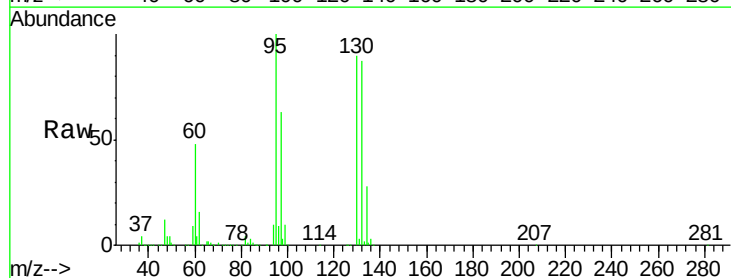
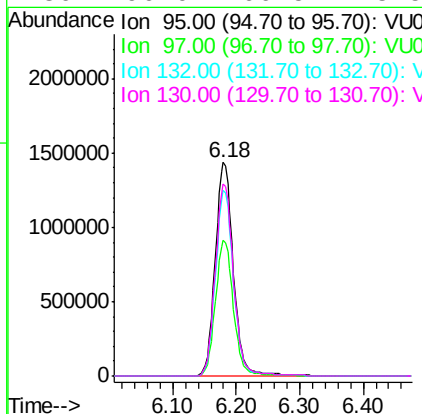
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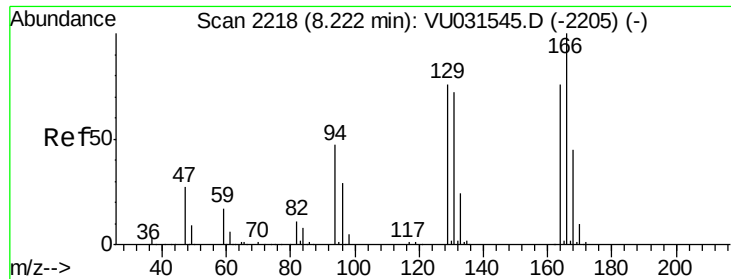


#34

Trichloroethene
 Concen: 417.740 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031568.D
 Acq: 27 Apr 2019 06:05

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.8	83.2
132	87.0	63.1	117.1
130	90.0	66.5	123.5





#46
 Tetrachloroethene
 Concen: 3.552 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031568.D
 Acq: 27 Apr 2019 06:05

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Tot Ion:	164	Resp:	16482
Ion Ratio	Lower	Upper	
164	100		
129	98.2	71.5	132.9
131	97.9	69.0	128.2
166	141.5	93.7	173.9

Manual Integrations
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