

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031772.D
 Acq On : 06 May 2019 12:02
 Operator : JC/SP
 Sample : K2695-02 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X70

Quant Time: May 07 09:16:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	725740	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	709749	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	258305	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	301561	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.30%
7) Chloroethane-d5	1.68	69	245691	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.68%
11) 1,1-Dichloroethene-d2	2.27	63	459753	38.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.02%
21) 2-Butanone-d5	4.19	46	692236	125.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.79%
24) Chloroform-d	4.64	84	564172	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
26) 1,2-Dichloroethane-d4	5.31	65	402148	55.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.66%
32) Benzene-d6	5.34	84	1099409	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
36) 1,2-Dichloropropane-d6	6.32	67	405228	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.70%
41) Toluene-d8	7.56	98	872508	45.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.92%
43) trans-1,3-Dichloropropene-	7.85	79	159430	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.88%
47) 2-Hexanone-d5	8.31	63	378219	113.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	533553	51.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	281154	51.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.52%

Target Compounds

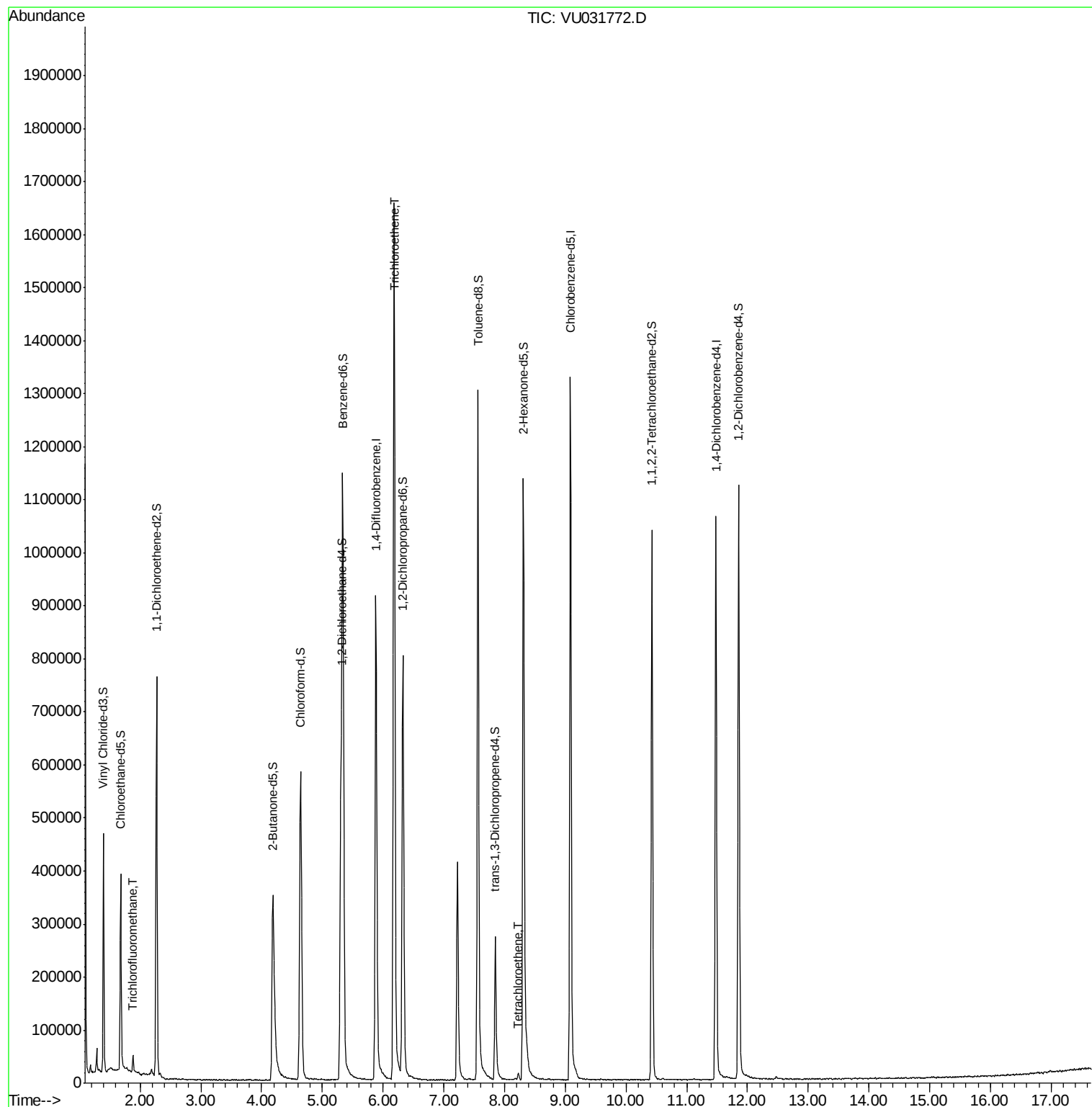
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	12779	1.242	ug/L	92
34) Trichloroethene	6.18	95	621997	98.333	ug/L	94
46) Tetrachloroethene	8.23	164	2679	0.621	ug/L #	79

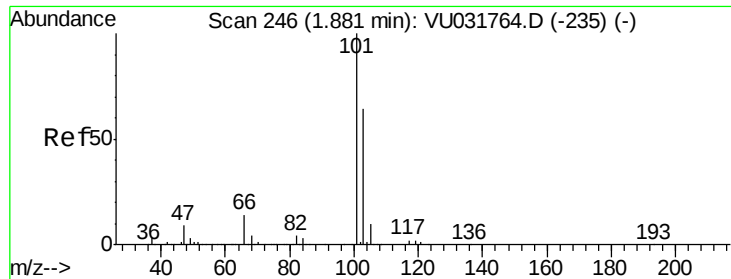
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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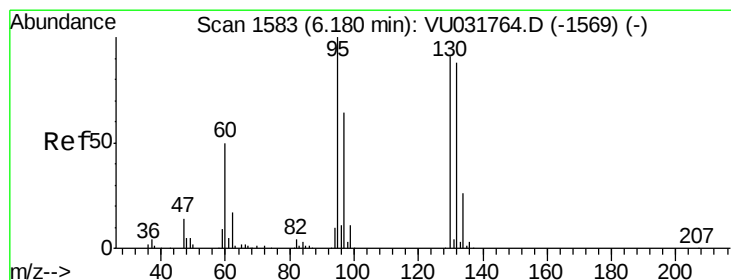
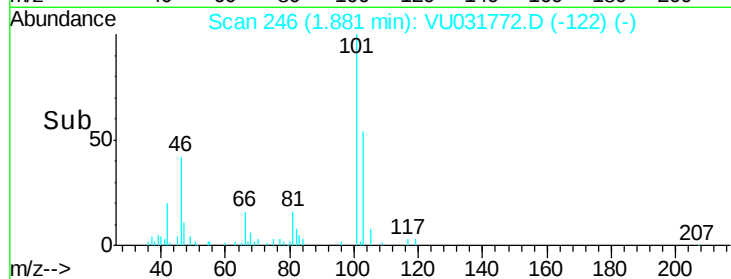
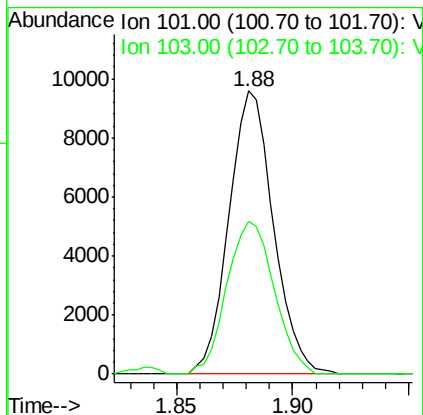
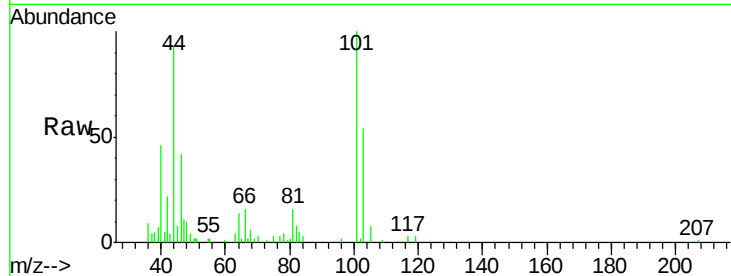


#9

Trichlorofluoromethane
Concen: 1.242 ug/L
RT: 1.88 min Scan# 246
Delta R.T. -0.00 min
Lab File: VU031772.D
Acq: 06 May 2019 12:02

Instrument :
MSVOA_U
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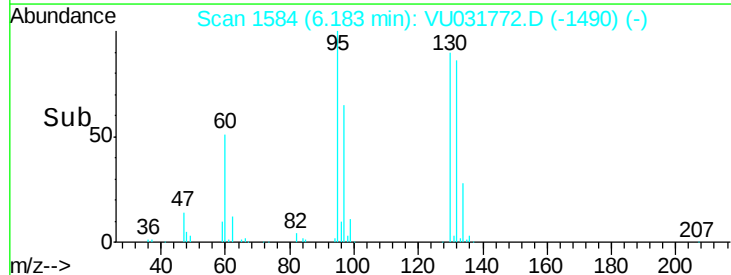
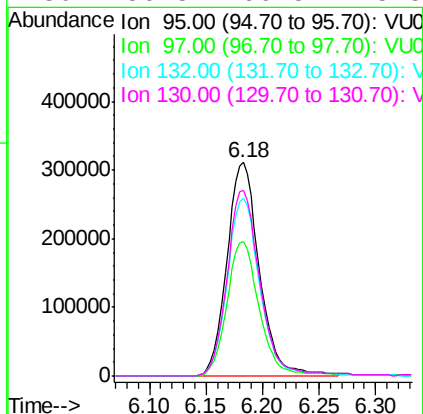
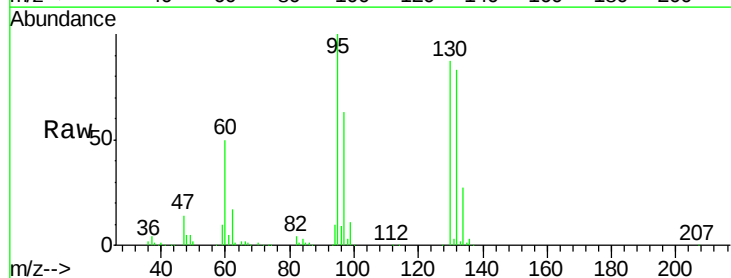
Tot Ion:101 Resp: 12779
Ion Ratio Lower Upper
101 100
103 57.4 50.8 76.2

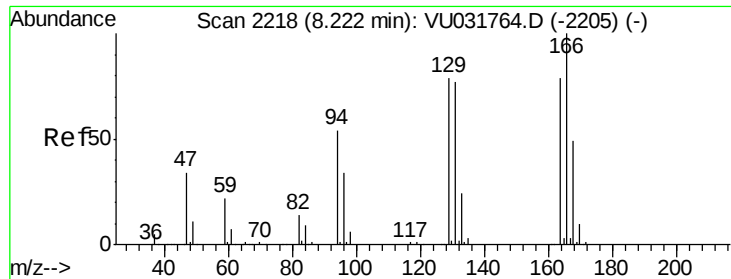


#34

Trichloroethene
Concen: 98.333 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031772.D
Acq: 06 May 2019 12:02

Tgt Ion: 95 Resp: 621997
Ion Ratio Lower Upper
95 100
97 63.0 44.8 83.2
132 83.1 63.1 117.1
130 86.8 66.5 123.5





#46

Tetrachloroethene

Concen: 0.621 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031772.D

Acq: 06 May 2019 12:02

Instrument :
MSVOA_U
ClientSampleId :
C0X70

Tot Ion:164 Resp: 2679

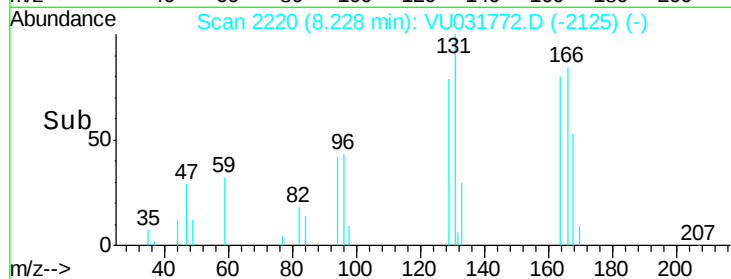
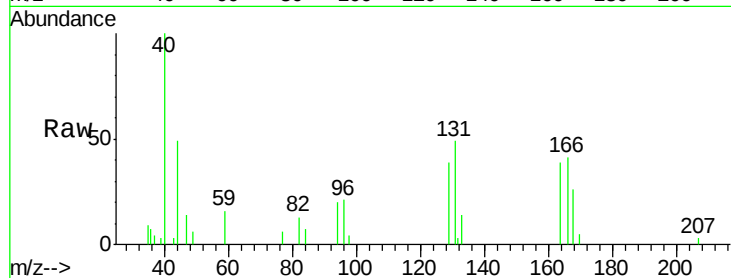
Ion Ratio Lower Upper

164 100

129 98.7 71.5 132.9

131 132.9 69.0 128.2#

166 105.5 93.7 173.9



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

