

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
 Data File : VU033241.D
 Acq On : 12 Jul 2019 22:45
 Operator : JC/SP
 Sample : K3785-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XL5

Quant Time: Jul 13 02:05:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 00:05:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	299048	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	298497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132724	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	117729	52.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.02%
7) Chloroethane-d5	1.67	69	103384	53.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.92%
11) 1,1-Dichloroethene-d2	2.26	63	156214	38.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.08%
21) 2-Butanone-d5	4.15	46	161804	112.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.80%
24) Chloroform-d	4.62	84	194926	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
26) 1,2-Dichloroethane-d4	5.28	65	131194	53.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.84%
32) Benzene-d6	5.32	84	399271	54.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.06%
36) 1,2-Dichloropropane-d6	6.31	67	129022	55.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.00%
41) Toluene-d8	7.55	98	357713	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.83	79	59294	51.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.10%
47) 2-Hexanone-d5	8.29	63	116320	110.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	189769	53.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.90%
64) 1,2-Dichlorobenzene-d4	11.85	152	136420	57.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.28%

Target Compounds

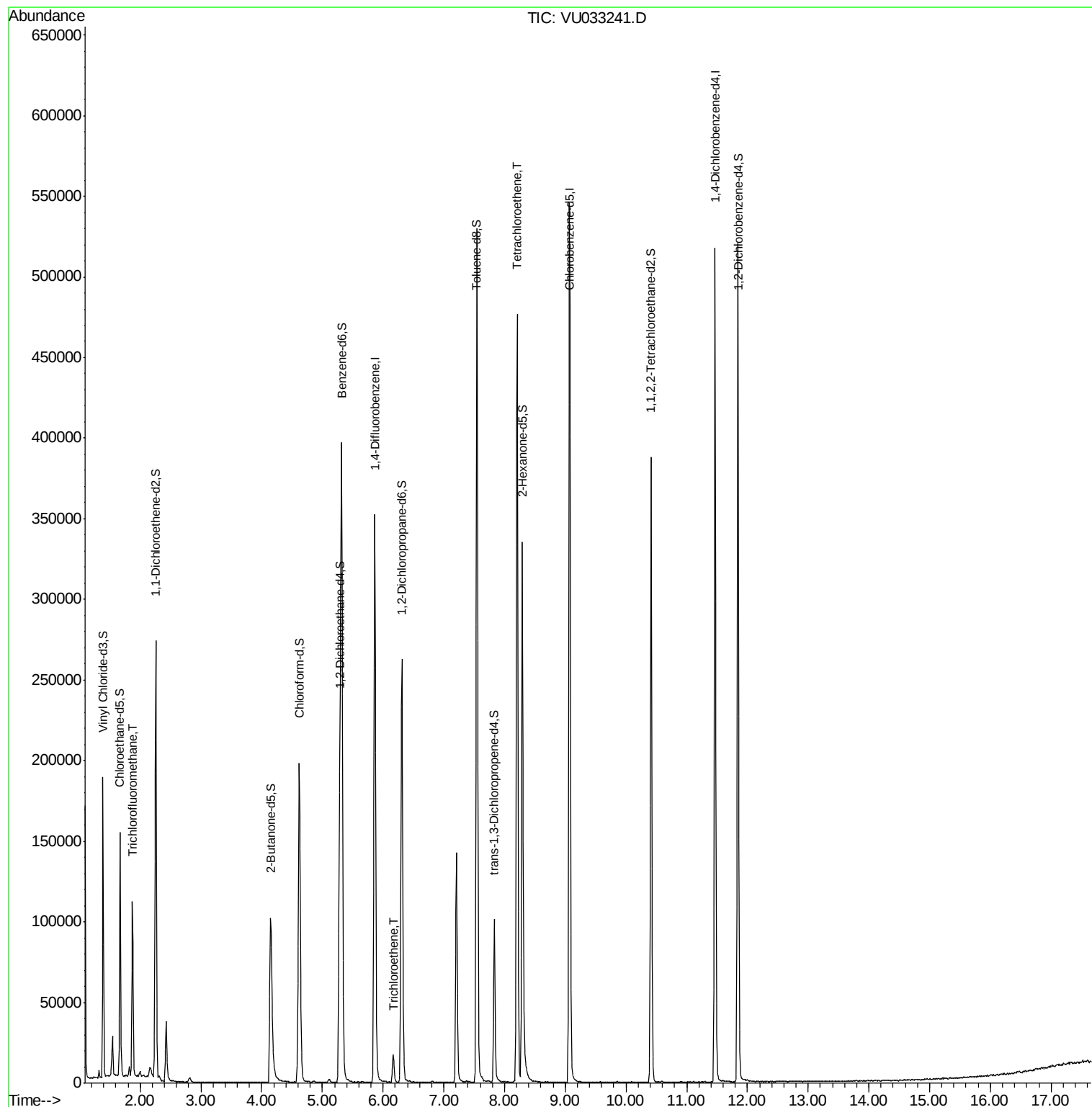
					Ovalue
9) Trichlorofluoromethane	1.87	101	62991	14.195	ug/L 100
34) Trichloroethene	6.17	95	5567	2.445	ug/L 91
46) Tetrachloroethene	8.21	164	102655	58.248	ug/L 99

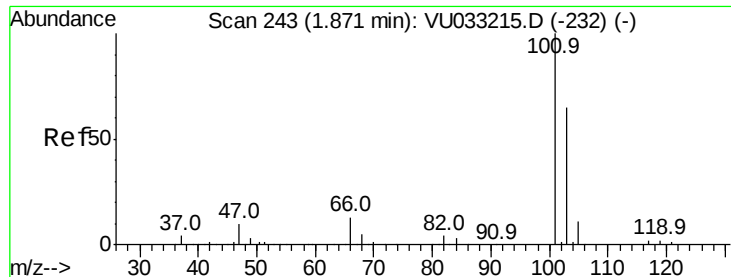
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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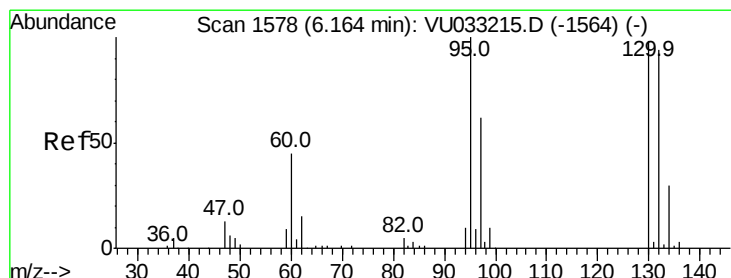
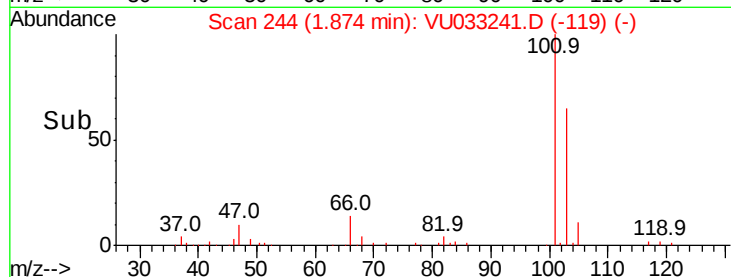
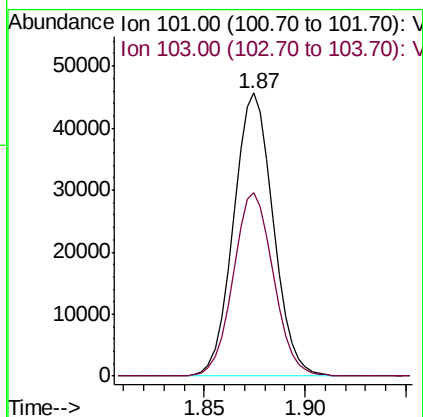
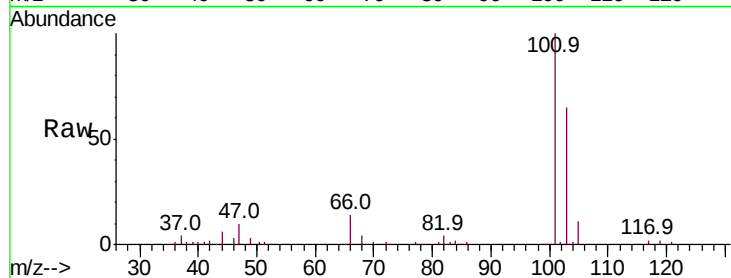


#9

Trichlorofluoromethane
 Concen: 14.195 ug/L
 RT: 1.87 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VU033241.D
 Acq: 12 Jul 2019 22:45

Instrument :
 MSVOA_U
 ClientSampled :
 C0XL5

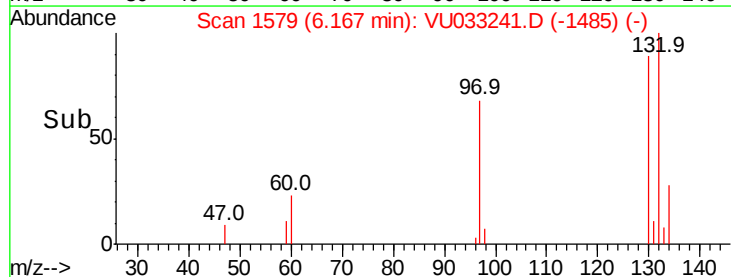
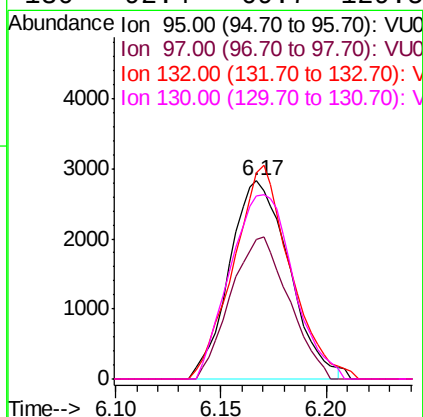
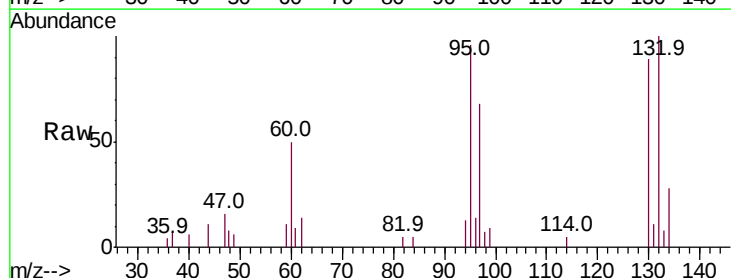
Tot Ion:101 Resp: 62991
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.2 78.4

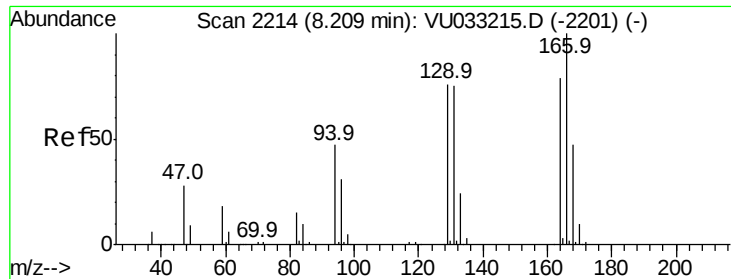


#34

Trichloroethene
 Concen: 2.445 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033241.D
 Acq: 12 Jul 2019 22:45

Tgt Ion: 95 Resp: 5567
 Ion Ratio Lower Upper
 95 100
 97 70.7 43.8 81.4
 132 104.0 65.5 121.6
 130 92.4 69.7 129.5





#46

Tetrachloroethene

Concen: 58.248 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033241.D

Acq: 12 Jul 2019 22:45

Instrument :
MSVOA_U
ClientSampleId :
C0XL5

Tot Ion:164 Resp: 102655

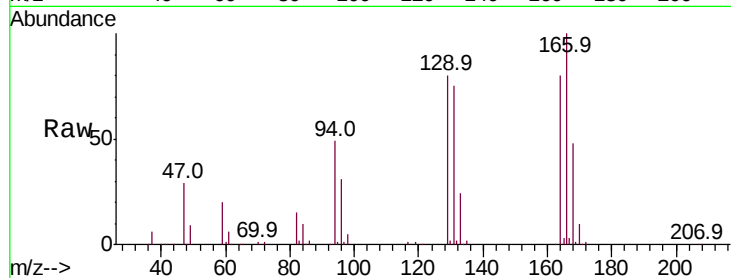
Ion Ratio Lower Upper

164 100

129 100.2 69.6 129.2

131 93.9 65.7 122.1

166 125.8 88.5 164.4



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

