

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
 Data File : VU033240.D
 Acq On : 12 Jul 2019 22:22
 Operator : JC/SP
 Sample : K3785-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XL3

Quant Time: Jul 13 02:02:55 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	305307	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	296461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	134124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	120445	52.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.22%
7) Chloroethane-d5	1.67	69	102965	52.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.30%
11) 1,1-Dichloroethene-d2	2.26	63	157024	37.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.92%
21) 2-Butanone-d5	4.15	46	157902	107.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.83%
24) Chloroform-d	4.62	84	193185	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	5.29	65	131903	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.20%
32) Benzene-d6	5.32	84	403656	55.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.31	67	129793	55.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.42%
41) Toluene-d8	7.55	98	359779	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%
43) trans-1,3-Dichloropropene-	7.83	79	59157	51.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.56%
47) 2-Hexanone-d5	8.29	63	120357	114.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	189829	53.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	134868	56.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.78%

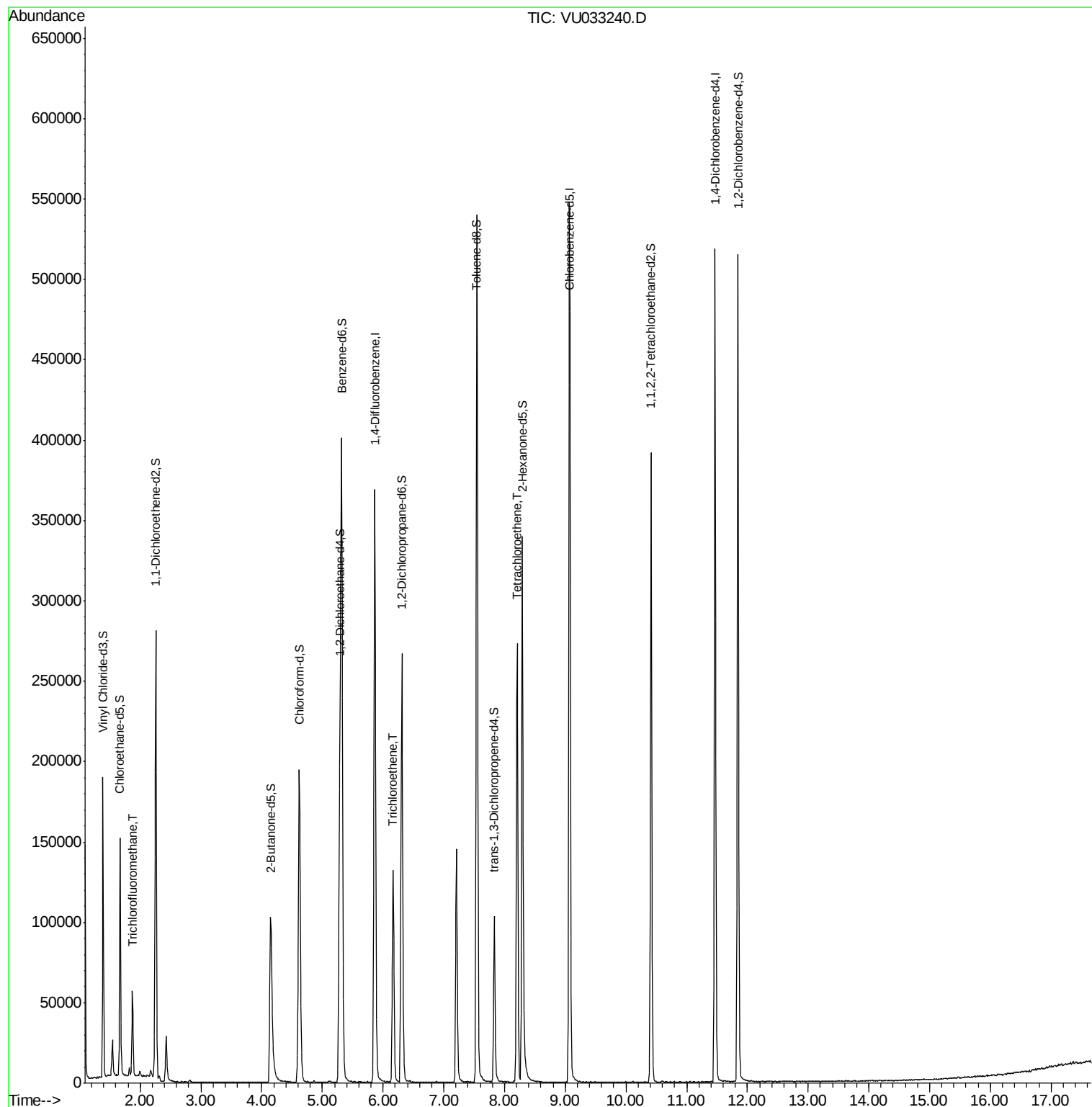
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.87	101	28844	6.367 ug/L	99
34) Trichloroethene	6.16	95	45490	20.119 ug/L	96
46) Tetrachloroethene	8.21	164	59245	33.847 ug/L	99

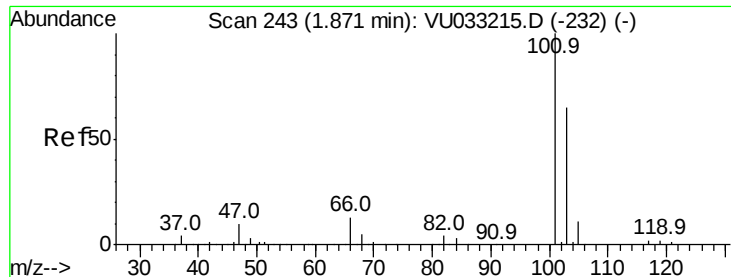
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 6.367 ug/L

RT: 1.87 min Scan# 244

Delta R.T. 0.00 min

Lab File: VU033240.D

Acq: 12 Jul 2019 22:22

Instrument :

MSVOA_U

ClientSampleId :

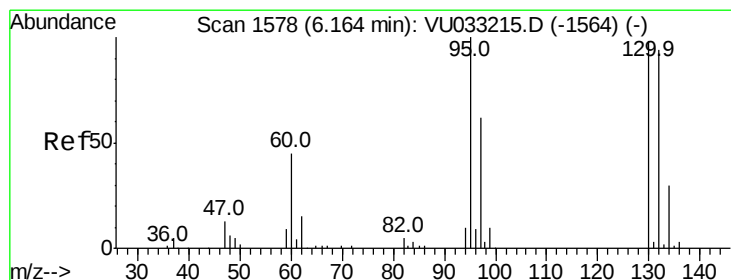
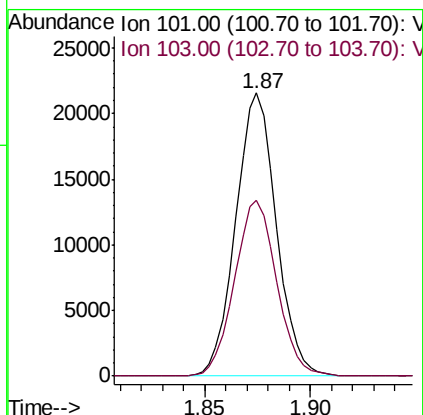
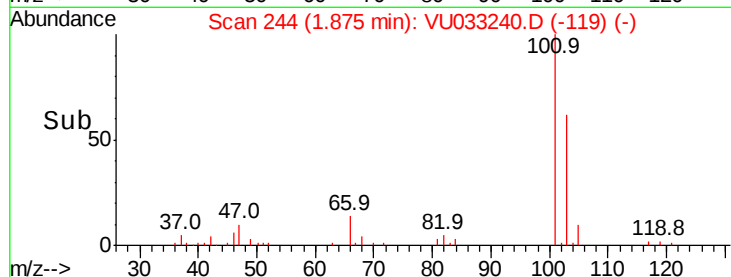
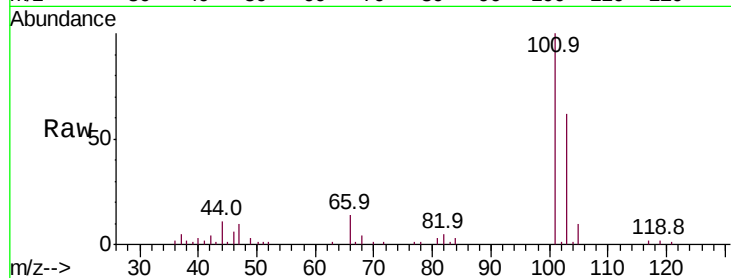
C0XL3

Tot Ion:101 Resp: 28844

Ion Ratio Lower Upper

101 100

103 64.4 52.2 78.4



#34

Trichloroethene

Concen: 20.119 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033240.D

Acq: 12 Jul 2019 22:22

Tgt Ion: 95 Resp: 45490

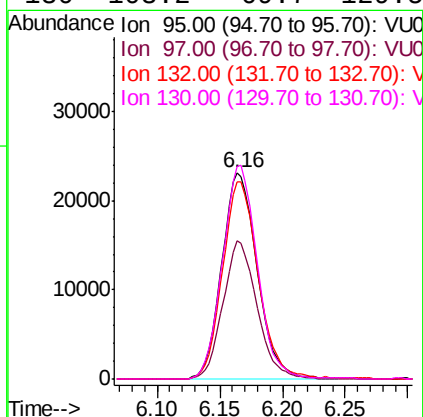
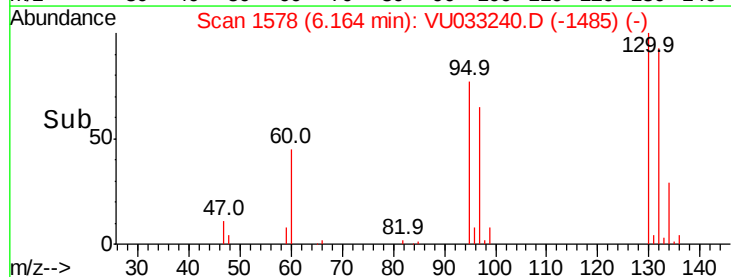
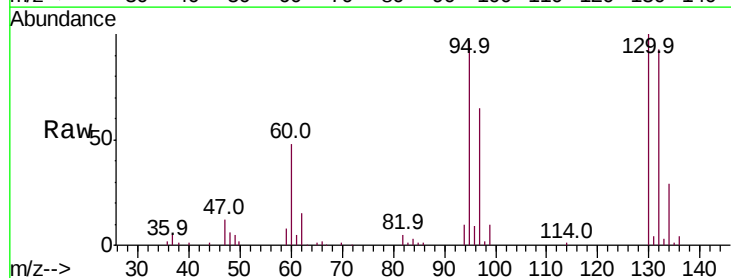
Ion Ratio Lower Upper

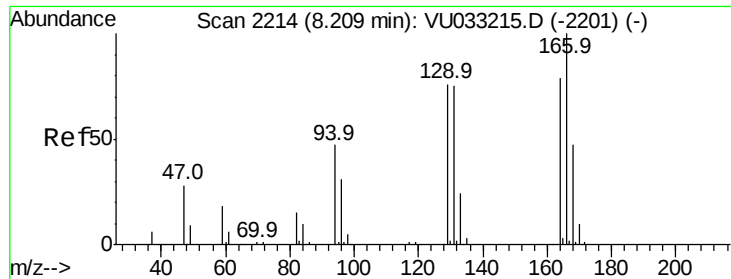
95 100

97 66.7 43.8 81.4

132 95.5 65.5 121.6

130 103.2 69.7 129.5





#46

Tetrachloroethene

Concen: 33.847 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033240.D

Acq: 12 Jul 2019 22:22

Instrument :
MSVOA_U
ClientSampleId :
C0XL3

Tot Ion:164 Resp: 59245

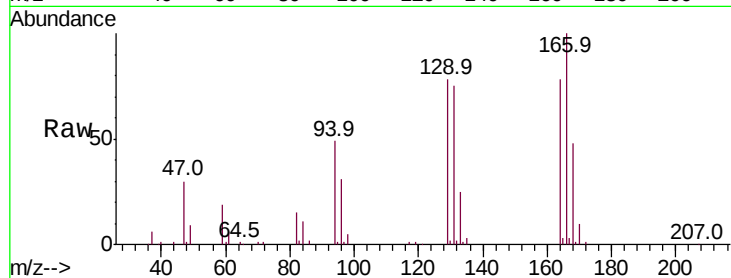
Ion Ratio Lower Upper

164 100

129 100.1 69.6 129.2

131 95.3 65.7 122.1

166 127.7 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

