

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
 Data File : VU031284.D
 Acq On : 18 Apr 2019 02:46
 Operator : JC/SP
 Sample : K2452-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMZ2

Quant Time: Apr 18 09:54:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 18 08:39:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236543	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	230457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96207	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119030	6.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.00%
7) Chloroethane-d5	1.68	69	93840	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.27	63	170616	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.22	46	263574	58.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.70%
24) Chloroform-d	4.64	84	157714	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.31	65	86359	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.20%
32) Benzene-d6	5.33	84	312461	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.33	67	105478	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.56	98	277086	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.85	79	39697	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.31	63	215272	55.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85120	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	98892	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

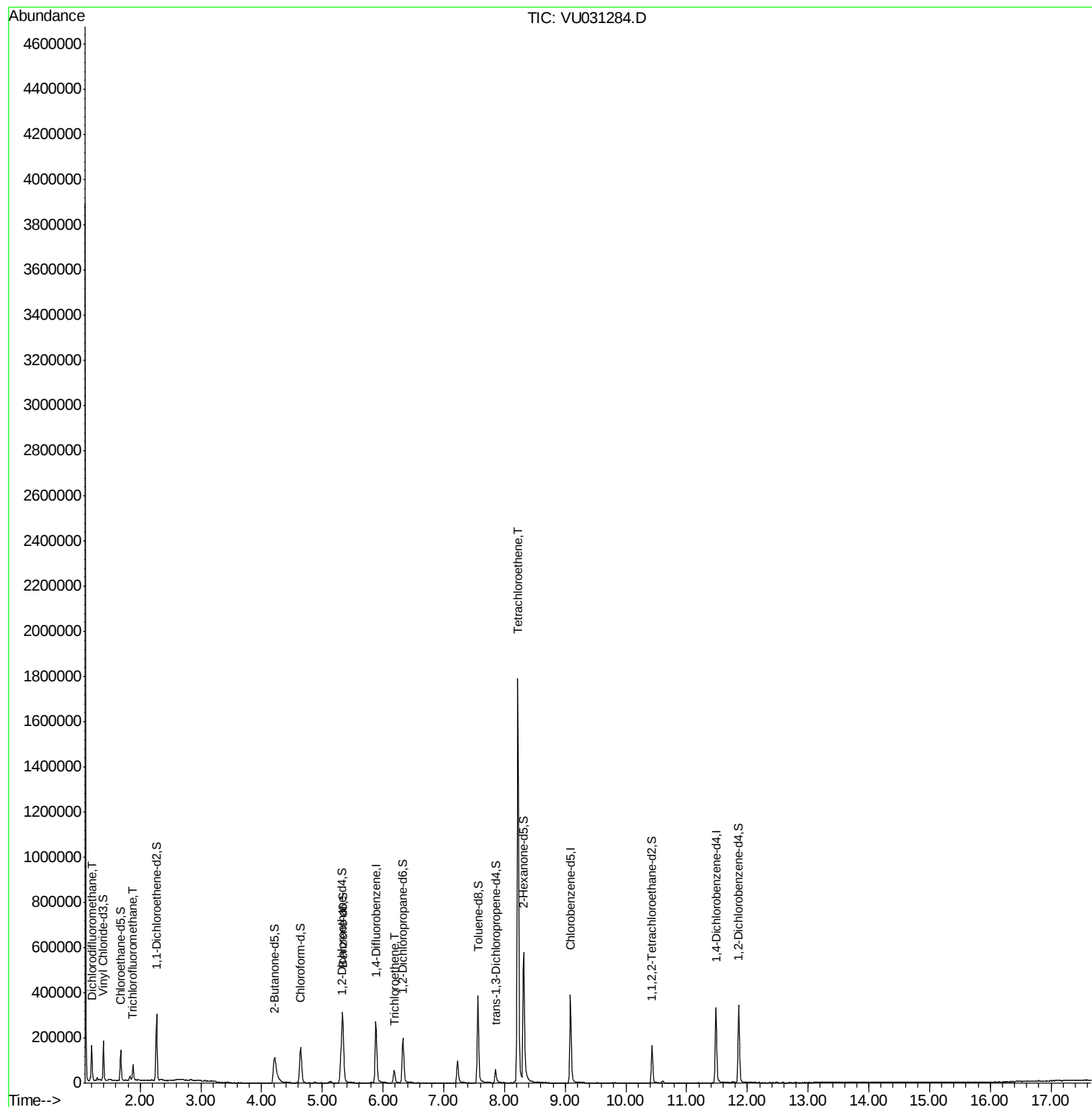
					Ovalue
2) Dichlorodifluoromethane	1.20	85	93737	4.773 ug/L	97
9) Trichlorofluoromethane	1.88	101	40930	1.279 ug/L	99
34) Trichloroethene	6.18	95	20552	1.087 ug/L	96
47) Tetrachloroethene	8.22	164	427778	29.967 ug/L	98

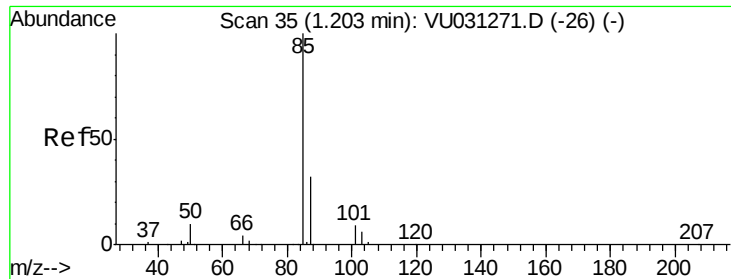
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.773 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031284.D

Acq: 18 Apr 2019 02:46

Instrument :

MSVOA_U

ClientSampleId :

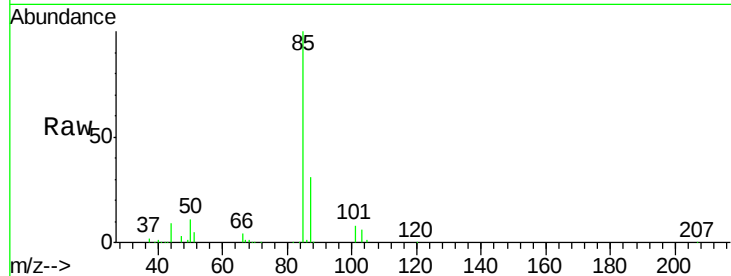
YAMZ2

Tot Ion: 85 Resp: 93737

Ion Ratio Lower Upper

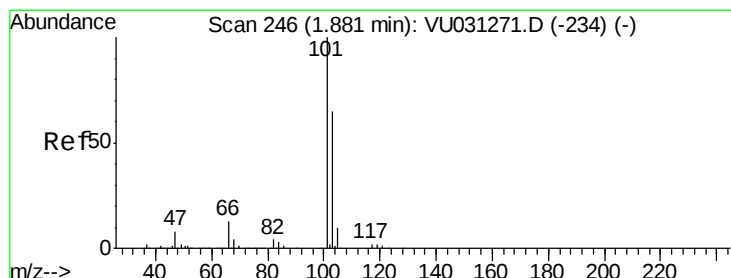
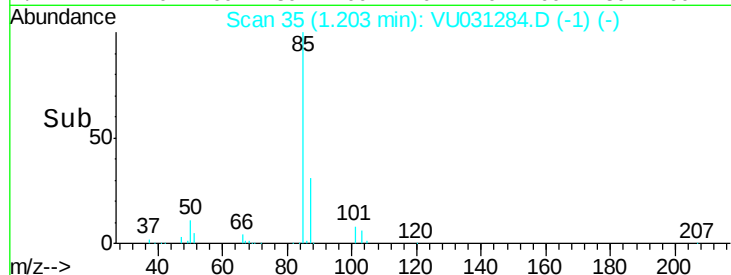
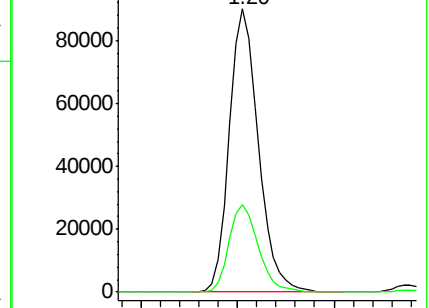
85 100

87 31.1 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VU031271.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU031271.D (-26) (-)



#9

Trichlorofluoromethane

Concen: 1.279 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU031284.D

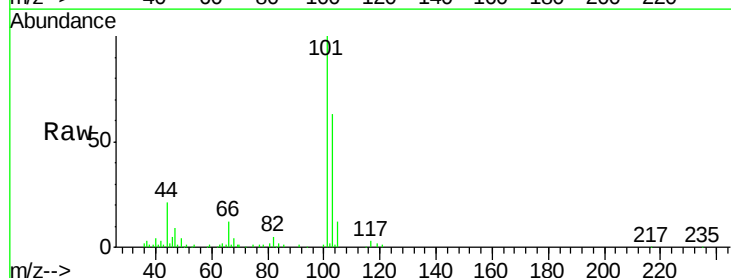
Acq: 18 Apr 2019 02:46

Tgt Ion: 101 Resp: 40930

Ion Ratio Lower Upper

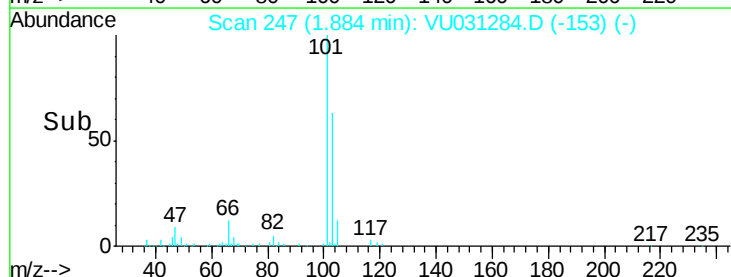
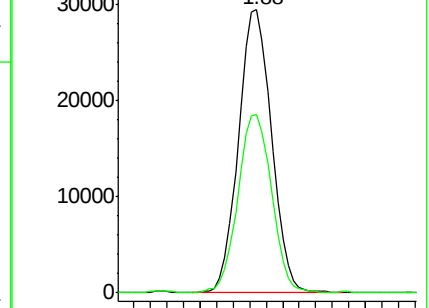
101 100

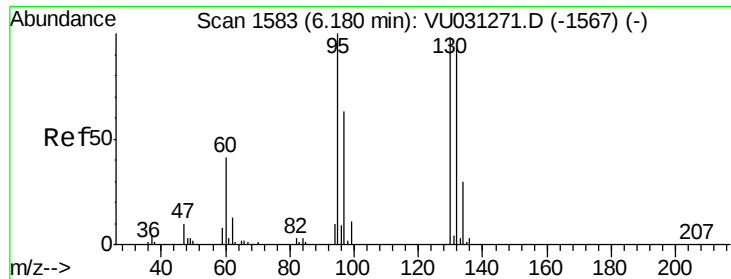
103 64.3 50.9 76.3



Abundance Ion 101.00 (100.70 to 101.70): VU031271.D (-234) (-)

Ion 103.00 (102.70 to 103.70): VU031271.D (-234) (-)





#34

Trichloroethene

Concen: 1.087 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031284.D

Acq: 18 Apr 2019 02:46

Instrument :

MSVOA_U

ClientSampleId :

YAMZ2

Tot Ion: 95 Resp: 20552

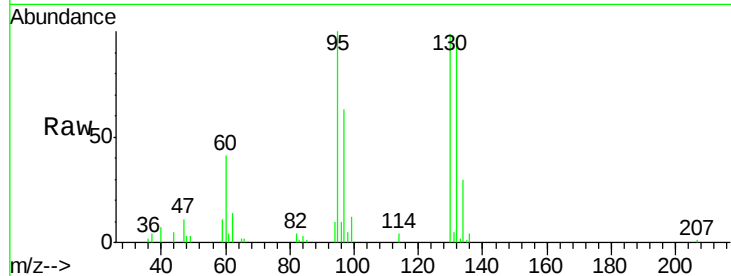
Ion Ratio Lower Upper

95 100

97 63.3 42.7 79.3

132 96.9 62.7 116.5

130 98.8 69.7 129.4

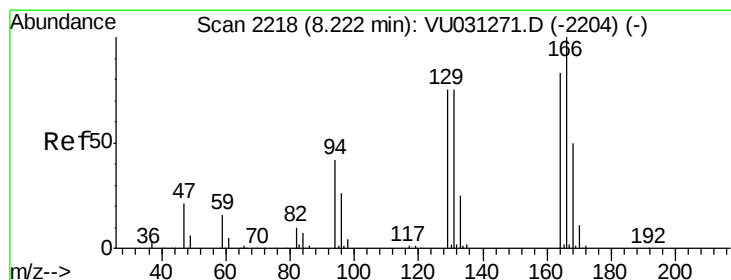
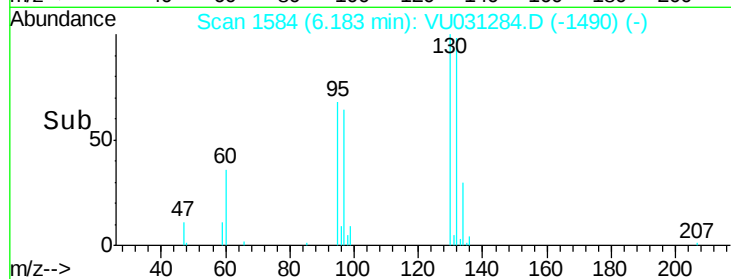
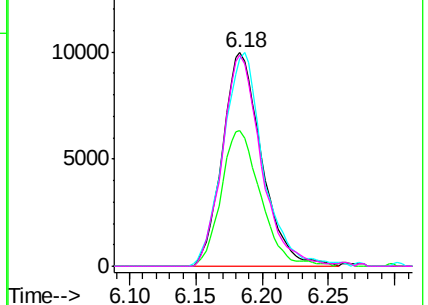


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 29.967 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031284.D

Acq: 18 Apr 2019 02:46

Tgt Ion:164 Resp: 427778

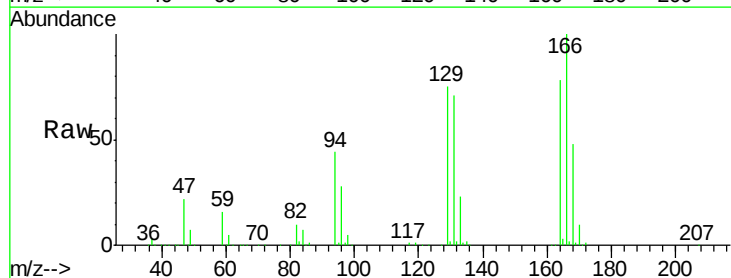
Ion Ratio Lower Upper

164 100

129 95.2 65.2 121.2

131 90.5 61.9 114.9

166 127.6 91.2 169.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

