

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031311.D
 Acq On : 18 Apr 2019 16:54
 Operator : JC/SP
 Sample : K2452-02DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAMZ2DL

Quant Time: Apr 27 04:31:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 04:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193592	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	193041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99798	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	85073	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.27	63	141527	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.20	46	210791	50.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.04%
24) Chloroform-d	4.64	84	139558	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.31	65	77379	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.33	84	268105	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.32	67	87959	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.56	98	214151	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.85	79	32986	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.31	63	159712	51.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	88405	6.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	79608	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

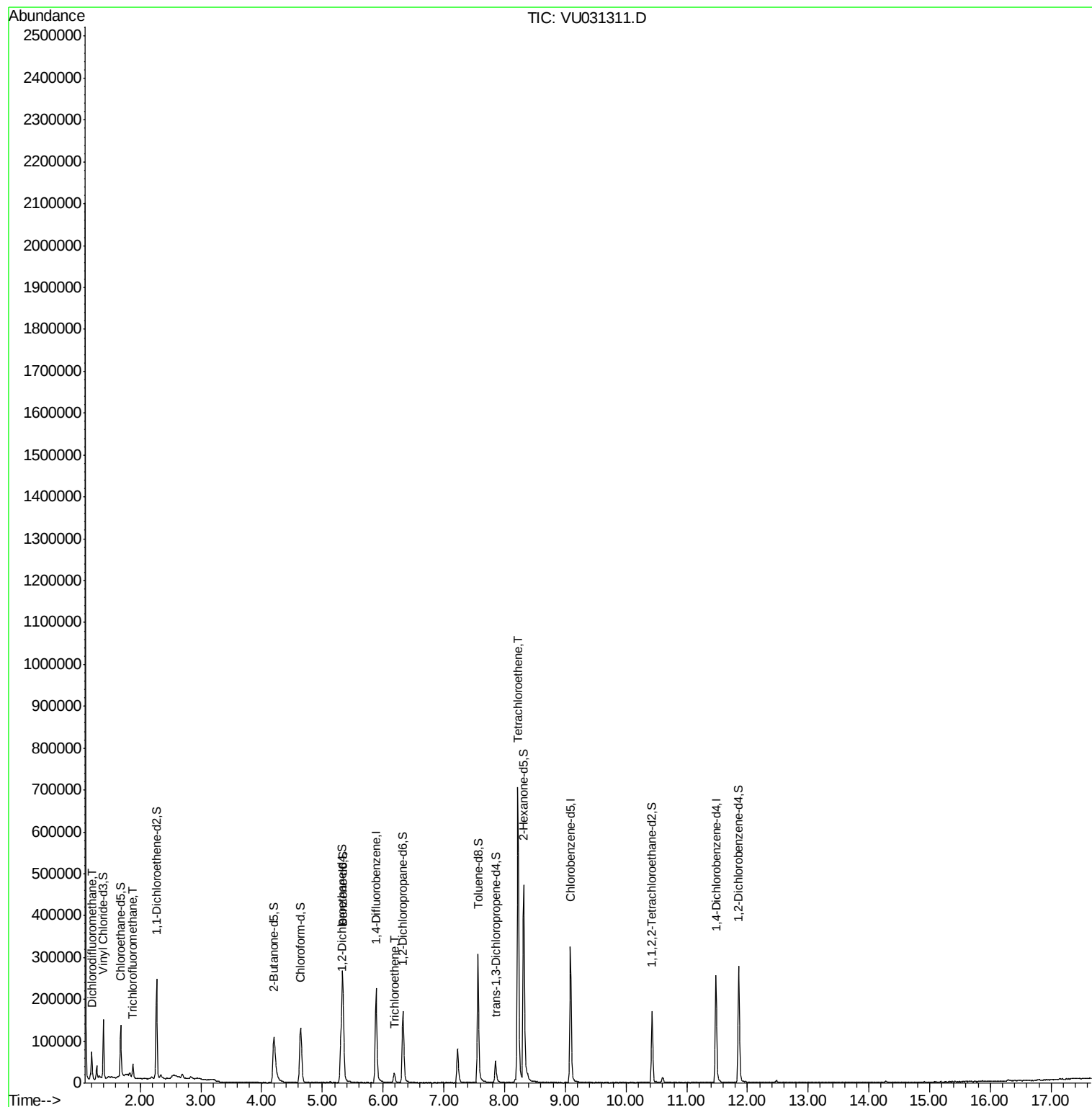
					Ovalue
2) Dichlorodifluoromethane	1.20	85	38905	1.747 ug/L	98
9) Trichlorofluoromethane	1.88	101	18063	0.468 ug/L	96
34) Trichloroethene	6.19	95	8100	0.457 ug/L	98
47) Tetrachloroethene	8.22	164	167283	12.676 ug/L	94

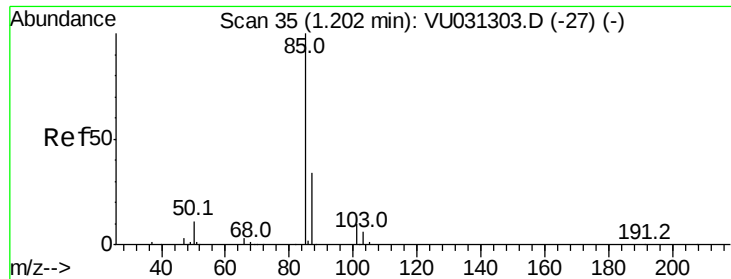
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.747 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031311.D

Acq: 18 Apr 2019 16:54

Instrument :

MSVOA_U

ClientSampleId :

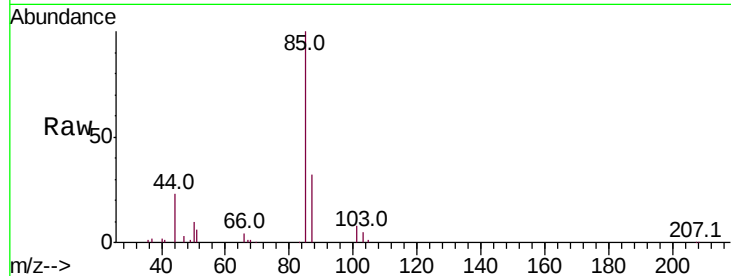
YAMZ2DL

Tot Ion: 85 Resp: 38905

Ion Ratio Lower Upper

85 100

87 32.3 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VU031303.D (-27) (-)

Ion 87.00 (86.70 to 87.70): VU031303.D (-27) (-)

1.20

40000

30000

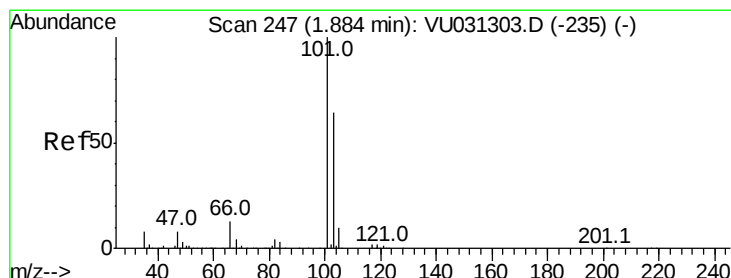
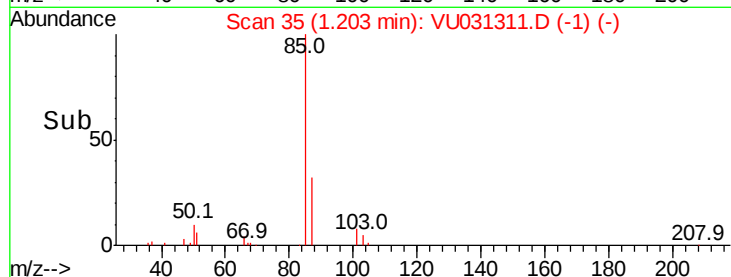
20000

10000

0

Time-->

1.15 1.20 1.25



#9

Trichlorofluoromethane

Concen: 0.468 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031311.D

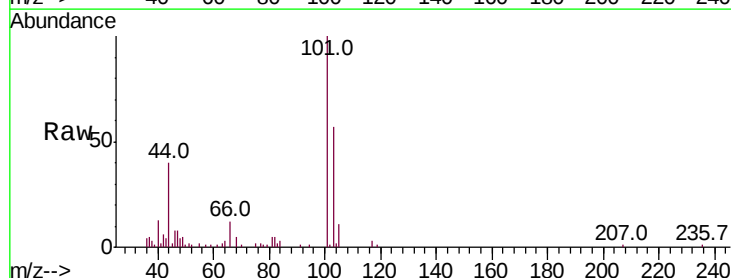
Acq: 18 Apr 2019 16:54

Tgt Ion: 101 Resp: 18063

Ion Ratio Lower Upper

101 100

103 62.0 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VU031303.D (-235) (-)

Ion 103.00 (102.70 to 103.70): VU031303.D (-235) (-)

1.88

15000

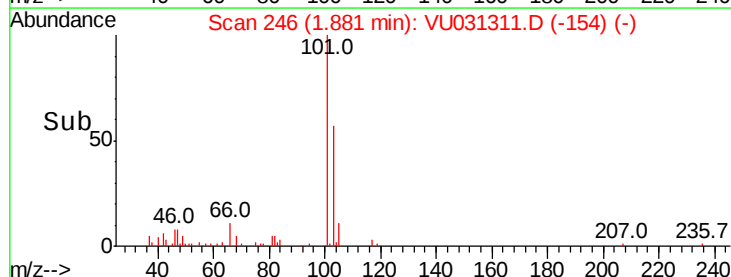
10000

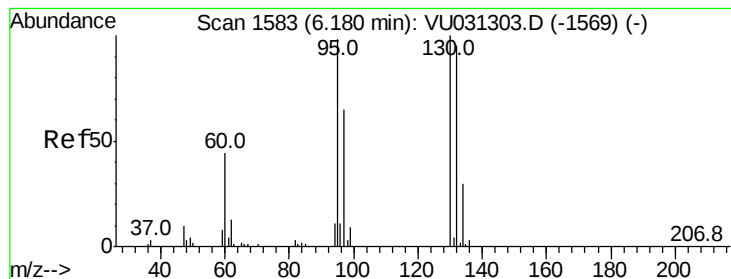
5000

0

Time-->

1.85 1.90





#34

Trichloroethene

Concen: 0.457 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031311.D

Acq: 18 Apr 2019 16:54

Instrument :

MSVOA_U

ClientSampleId :

YAMZ2DL

Tot Ion: 95 Resp: 8100

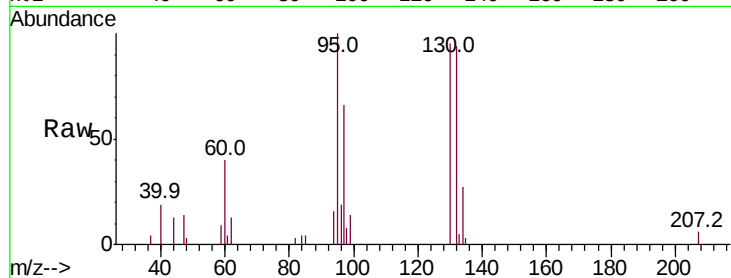
Ion Ratio Lower Upper

95 100

97 66.4 46.8 86.8

132 93.9 65.8 122.2

130 95.3 69.5 129.1

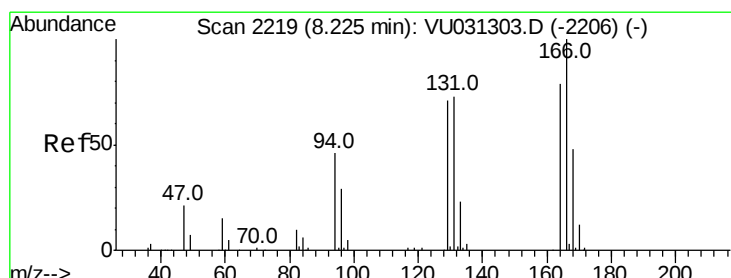
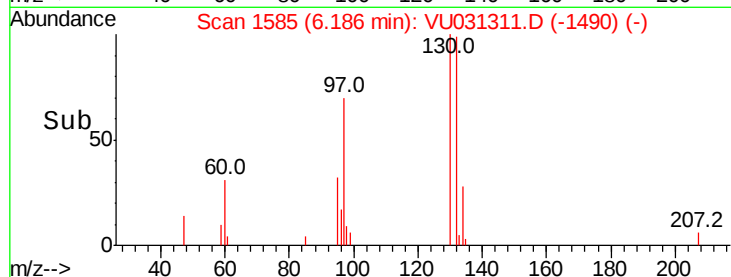
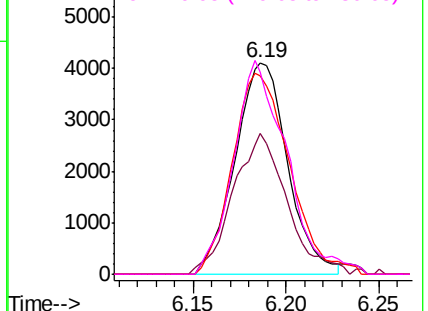


Abundance Ion 95.00 (94.70 to 95.70): VU031311.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU031311.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU031311.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU031311.D (-1569) (-)



#47

Tetrachloroethene

Concen: 12.676 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031311.D

Acq: 18 Apr 2019 16:54

Tgt Ion: 164 Resp: 167283

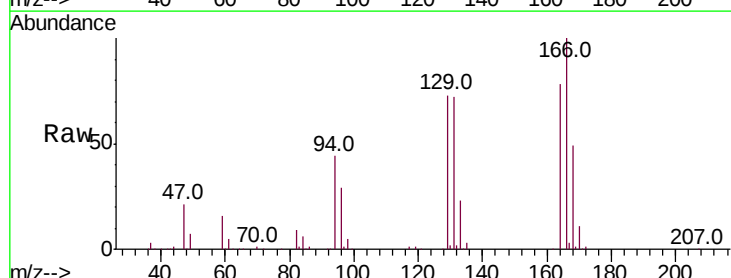
Ion Ratio Lower Upper

164 100

129 93.4 61.9 114.9

131 92.2 61.5 114.3

166 128.4 84.6 157.0



Abundance Ion 163.90 (163.60 to 164.60): VU031311.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU031311.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU031311.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU031311.D (-2125) (-)

