

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\
 Data File : VU031249.D
 Acq On : 17 Apr 2019 11:00
 Operator : JC/SP
 Sample : K2410-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XE9

Quant Time: Apr 18 05:16:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 18 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	507661	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	480221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190636	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	196362	42.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.00%
7) Chloroethane-d5	1.68	69	163617	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.62%
11) 1,1-Dichloroethene-d2	2.27	63	289446	31.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.50%
21) 2-Butanone-d5	4.19	46	295831	86.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.88%
24) Chloroform-d	4.64	84	318016	40.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.54%
26) 1,2-Dichloroethane-d4	5.31	65	207085	43.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.22%
32) Benzene-d6	5.34	84	643604	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.78%
36) 1,2-Dichloropropane-d6	6.32	67	212328	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.18%
41) Toluene-d8	7.56	98	564155	42.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.46%
43) trans-1,3-Dichloropropene-	7.85	79	93058	39.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.02%
47) 2-Hexanone-d5	8.31	63	208982	89.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	296649	43.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	197023	45.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.12%

Target Compounds

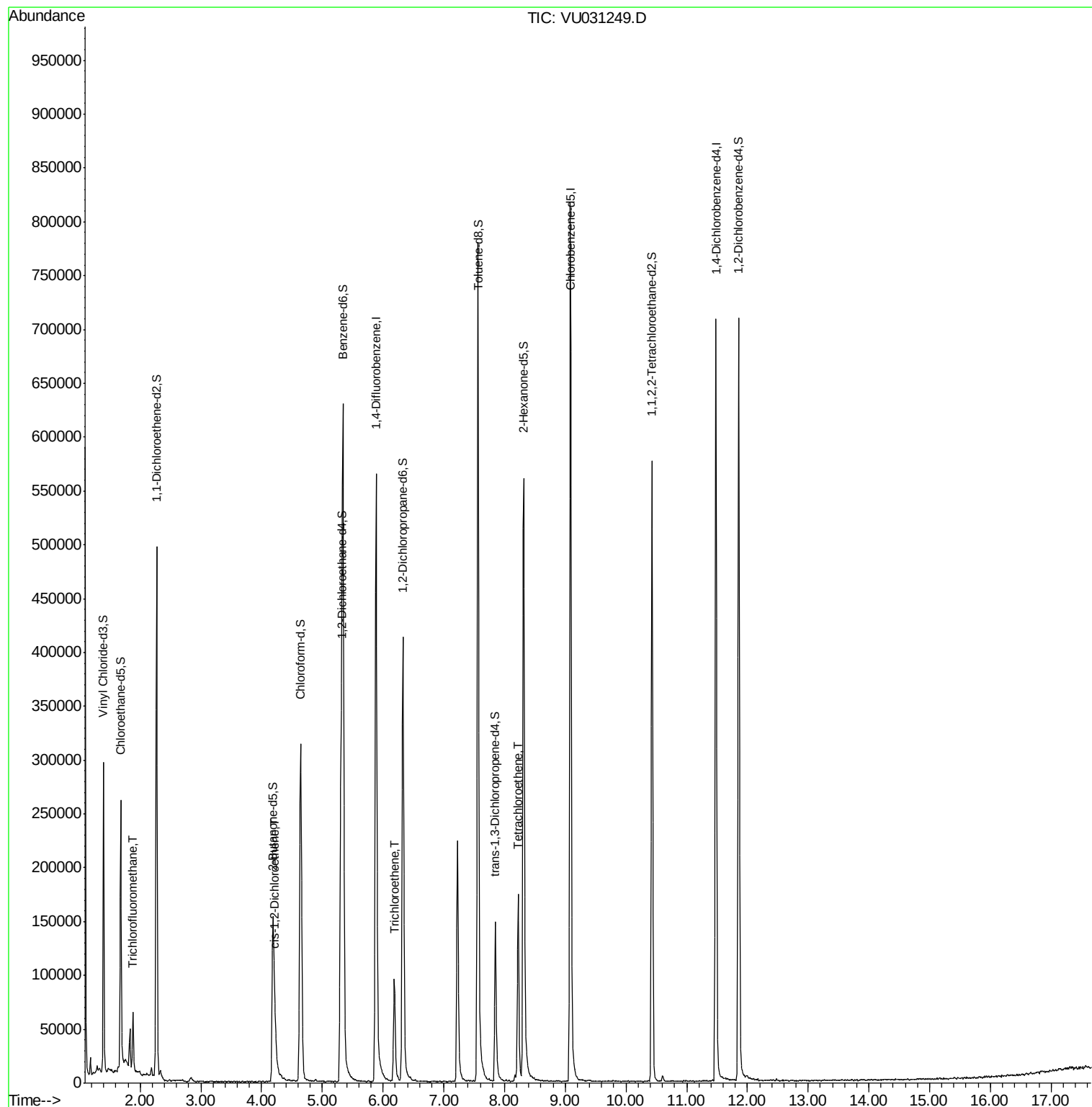
					Ovalue
9) Trichlorofluoromethane	1.88	101	29003	3.750 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	5754	1.368 ug/L	97
34) Trichloroethene	6.19	95	35195	8.709 ug/L	93
46) Tetrachloroethene	8.22	164	42094	13.848 ug/L	97

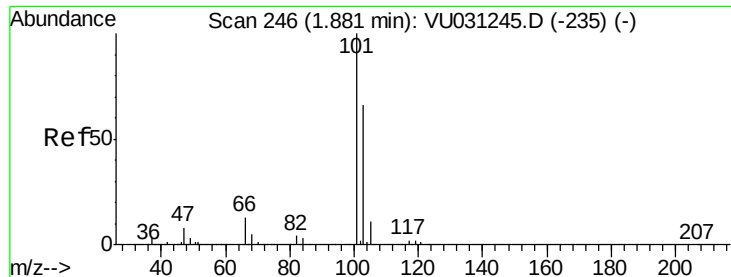
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 3.750 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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Acq: 17 Apr 2019 11:00

Instrument :

MSVOA_U

ClientSampleId :

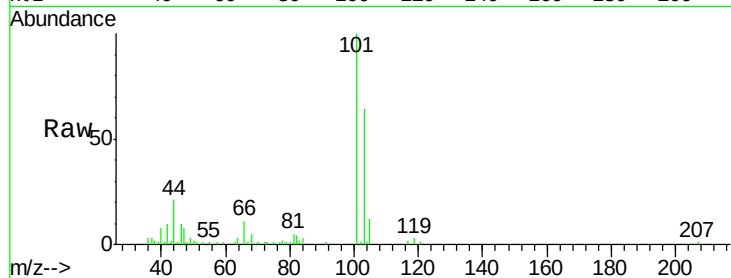
C0XE9

Tot Ion:101 Resp: 29003

Ion Ratio Lower Upper

101 100

103 64.5 53.0 79.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

25000

20000

15000

10000

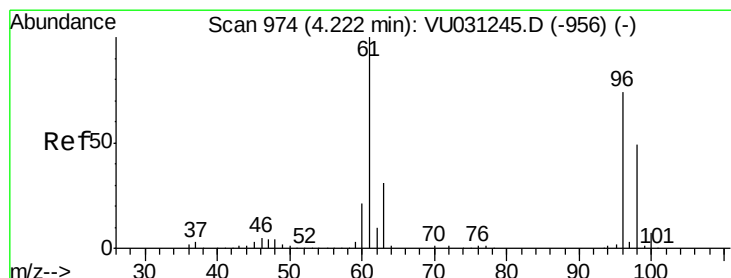
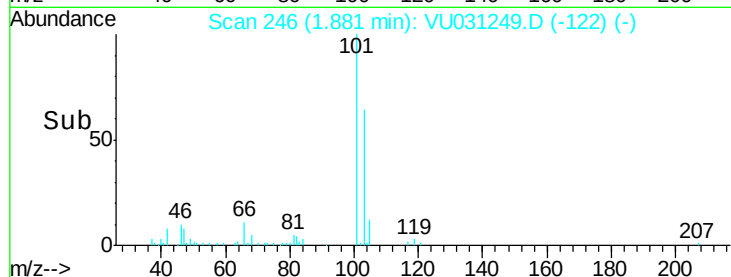
5000

0

1.85

1.90

Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.368 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU031249.D

Acq: 17 Apr 2019 11:00

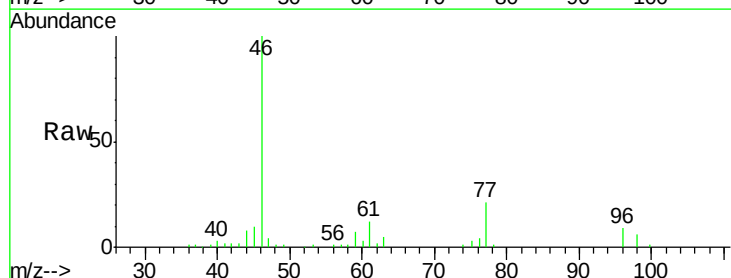
Tgt Ion: 96 Resp: 5754

Ion Ratio Lower Upper

96 100

61 144.0 98.2 182.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

5000

4000

3000

2000

1000

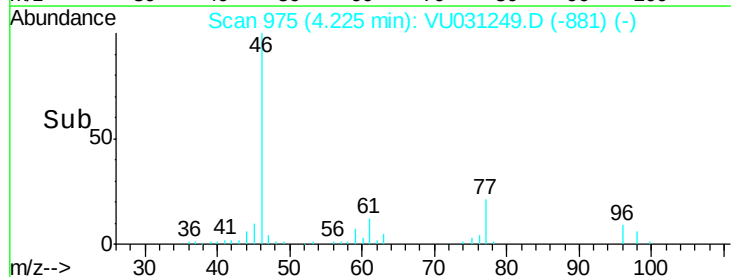
0

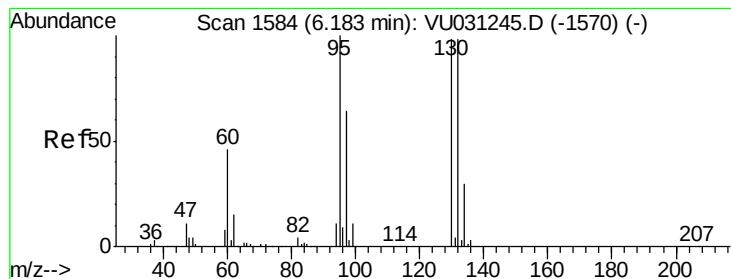
4.15

4.20

4.25

Time-->





#34

Trichloroethene

Concen: 8.709 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031249.D

Acq: 17 Apr 2019 11:00

Instrument :

MSVOA_U

ClientSampled :

C0XE9

Tot Ion: 95 Resp: 35195

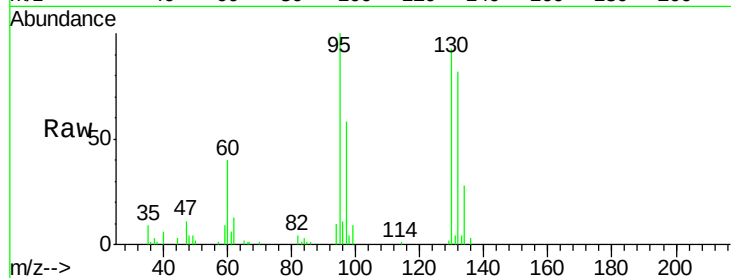
Ion Ratio Lower Upper

95 100

97 57.9 43.6 81.0

132 82.2 64.5 119.7

130 92.7 68.0 126.2

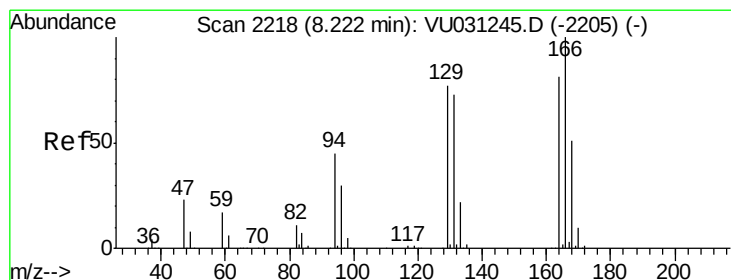
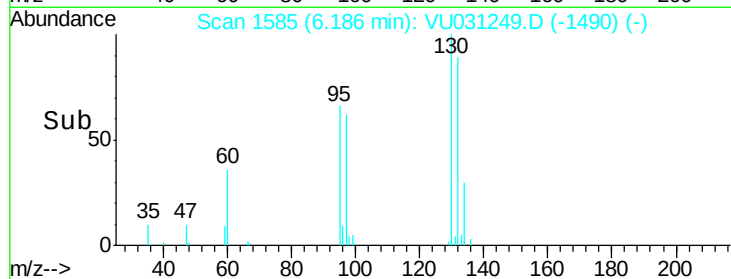
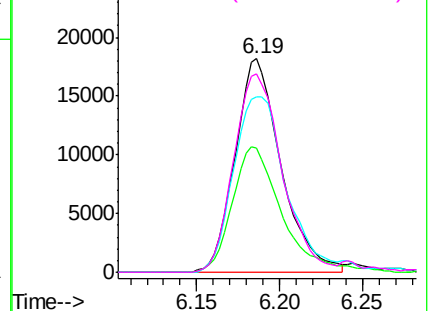


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 13.848 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031249.D

Acq: 17 Apr 2019 11:00

Tgt Ion: 164 Resp: 42094

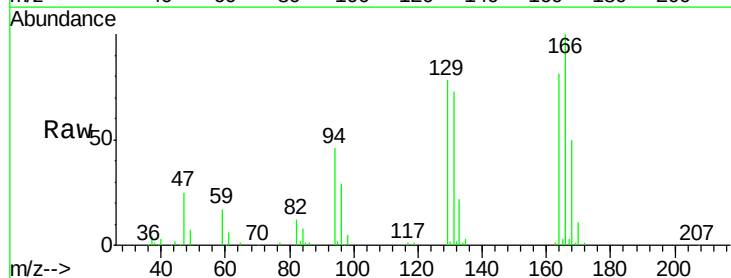
Ion Ratio Lower Upper

164 100

129 96.5 66.5 123.5

131 90.5 62.3 115.7

166 123.5 90.6 168.3



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

