

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031169.D
 Acq On : 13 Apr 2019 20:08
 Operator : JC/SP
 Sample : K2341-14 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB736

Quant Time: Apr 13 23:31:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467648	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	473331	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	189715	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	184286	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.30%
7) Chloroethane-d5	1.68	69	147469	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.08%
11) 1,1-Dichloroethene-d2	2.26	63	247775	32.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.64%
21) 2-Butanone-d5	4.17	46	304790	92.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.12%
24) Chloroform-d	4.64	84	305872	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
26) 1,2-Dichloroethane-d4	5.30	65	205505	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
32) Benzene-d6	5.34	84	604759	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
36) 1,2-Dichloropropane-d6	6.32	67	218617	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.34%
41) Toluene-d8	7.56	98	546703	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%
43) trans-1,3-Dichloropropene-	7.85	79	89355	41.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.76%
47) 2-Hexanone-d5	8.31	63	189178	87.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305141	47.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	192998	51.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.46%

Target Compounds

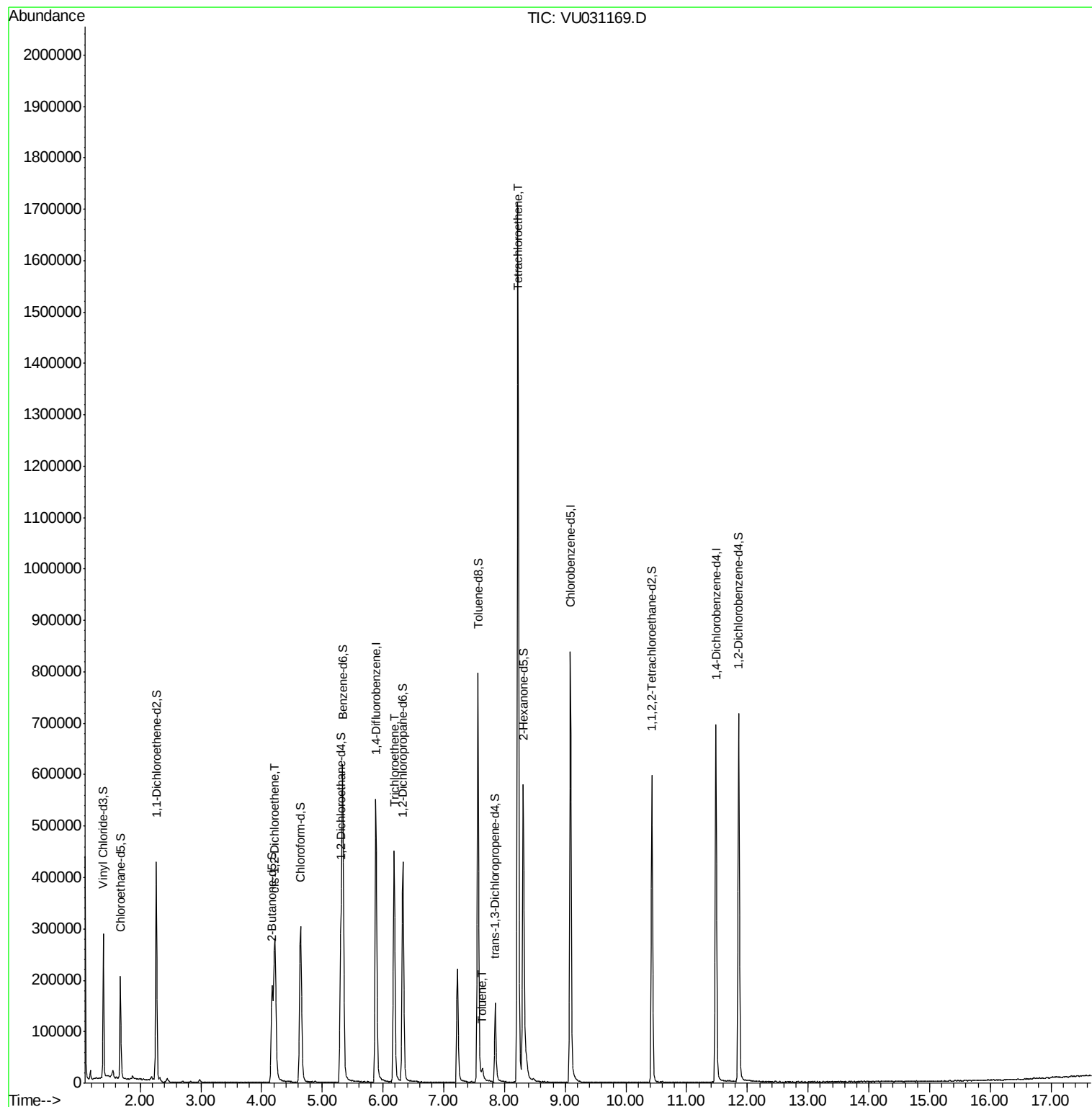
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	148249	39.117 ug/L	89
34) Trichloroethene	6.18	95	162821	42.858 ug/L	96
42) Toluene	7.64	91	14559	0.921 ug/L	98
46) Tetrachloroethene	8.22	164	393126	142.332 ug/L	98

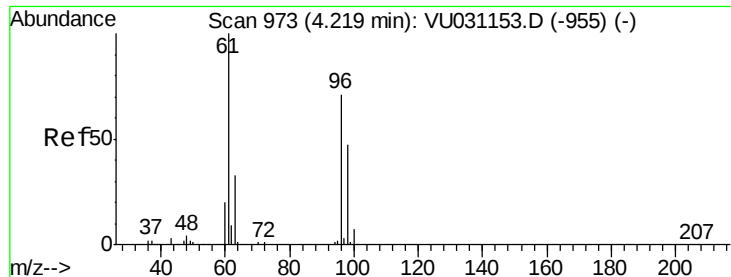
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 39.117 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031169.D

Acq: 13 Apr 2019 20:08

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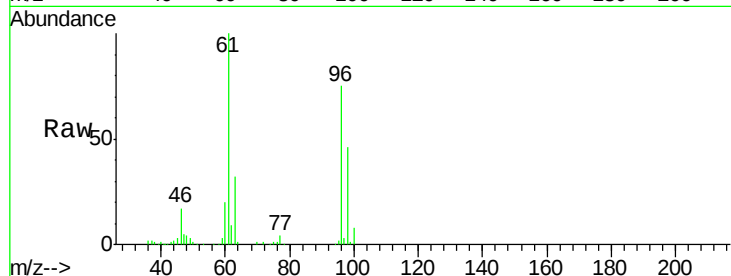
Tot Ion: 96 Resp: 148249

Ion Ratio Lower Upper

96 100

61 133.3 102.9 191.1

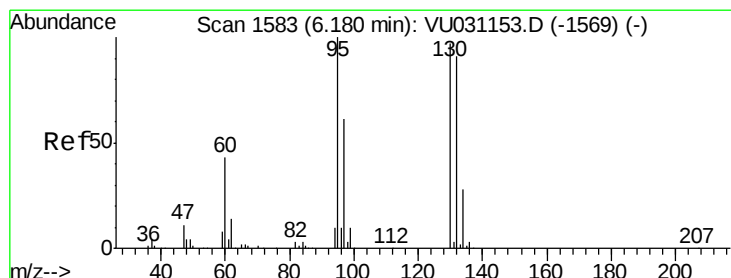
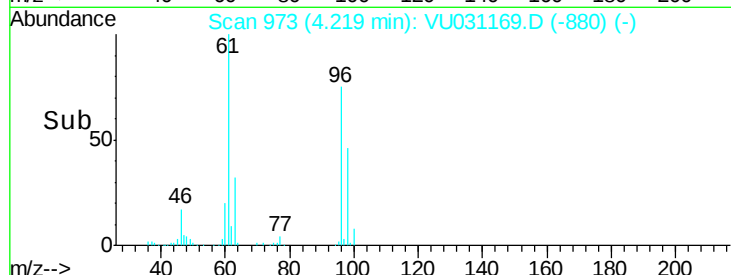
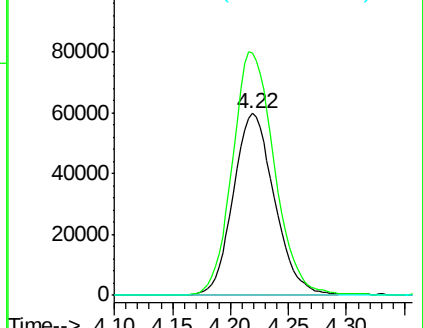
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031153.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU031153.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU031153.D (-955) (-)



#34

Trichloroethene

Concen: 42.858 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031169.D

Acq: 13 Apr 2019 20:08

Tgt Ion: 95 Resp: 162821

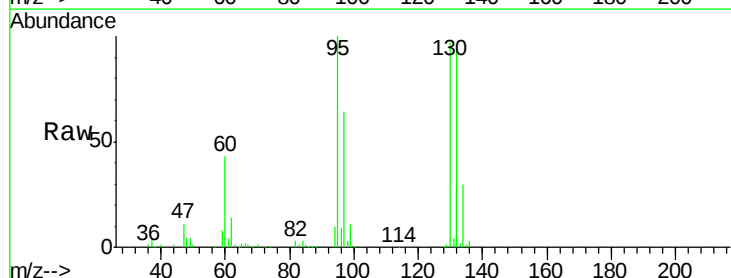
Ion Ratio Lower Upper

95 100

97 63.9 44.5 82.7

132 93.0 61.5 114.1

130 96.9 64.9 120.5

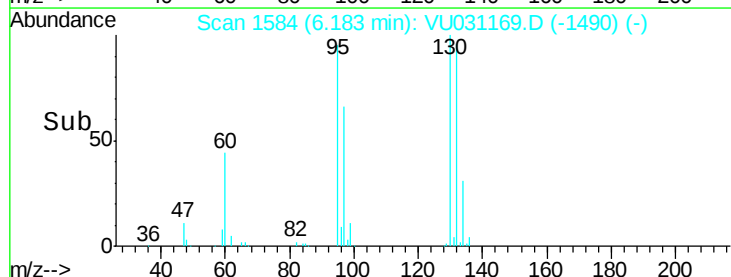
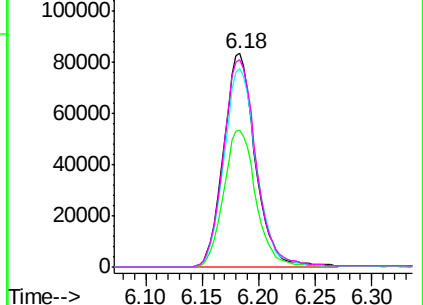


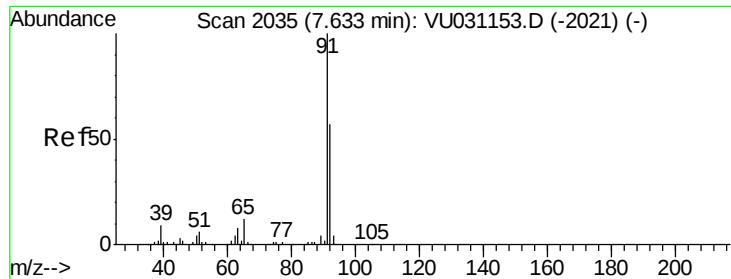
Abundance Ion 95.00 (94.70 to 95.70): VU031153.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031153.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031153.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031153.D (-1569) (-)





#42

Toluene

Concen: 0.921 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU031169.D

Acq: 13 Apr 2019 20:08

Instrument :

MSVOA_U

ClientSampleId :

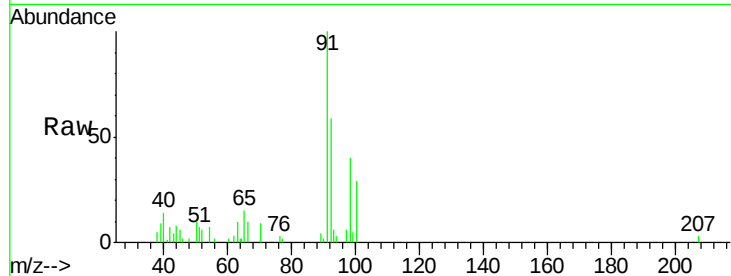
DB736

Tot Ion: 91 Resp: 14559

Ion Ratio Lower Upper

91 100

92 58.8 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU031153.D (-2021) (-)

Ion 92.00 (91.70 to 92.70): VU031153.D (-2021) (-)

7.64

8000

6000

4000

2000

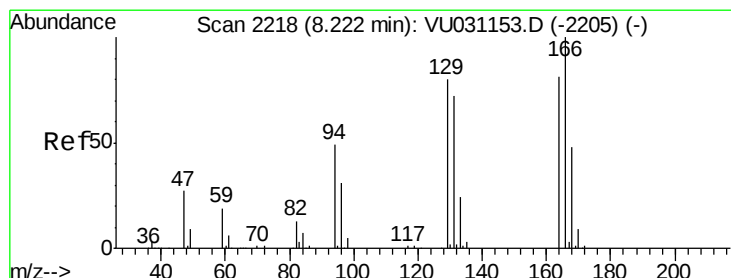
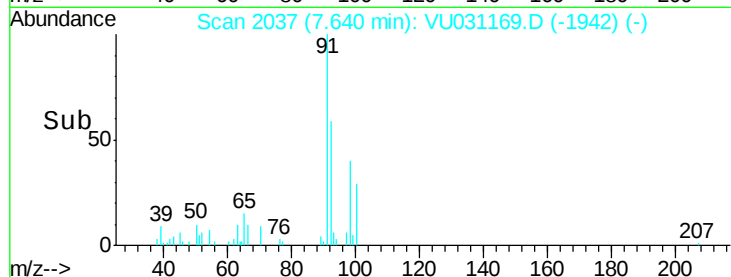
0

Time-->

7.60

7.65

7.70



#46

Tetrachloroethene

Concen: 142.332 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031169.D

Acq: 13 Apr 2019 20:08

Tgt Ion: 164 Resp: 393126

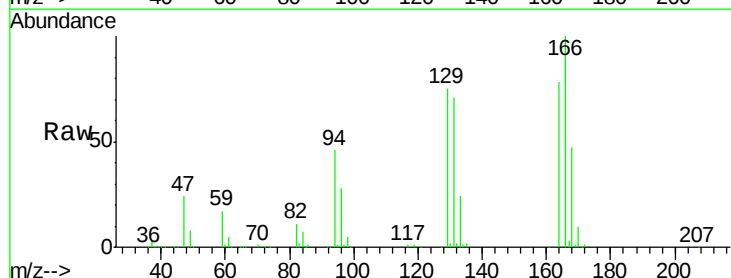
Ion Ratio Lower Upper

164 100

129 95.1 67.4 125.2

131 90.1 65.9 122.5

166 127.4 88.6 164.6



Abundance Ion 164.00 (163.70 to 164.70): VU031153.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031153.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031153.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031153.D (-2205) (-)

400000

300000

200000

100000

0

Time-->

8.15

8.20

8.25

8.30

