

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\
 Data File : VU031921.D
 Acq On : 11 May 2019 11:18
 Operator : JC/SP
 Sample : K2705-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B51

Quant Time: May 13 03:49:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 13 01:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	987317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	990010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	365835	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	339461	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.16%
7) Chloroethane-d5	1.67	69	303347	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.02%
11) 1,1-Dichloroethene-d2	2.27	63	487392	29.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.24%#
21) 2-Butanone-d5	4.17	46	643835	86.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.00%
24) Chloroform-d	4.64	84	662759	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
26) 1,2-Dichloroethane-d4	5.30	65	440214	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
32) Benzene-d6	5.34	84	1318640	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
36) 1,2-Dichloropropane-d6	6.32	67	461109	43.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.22%
41) Toluene-d8	7.56	98	1104849	41.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.46%
43) trans-1,3-Dichloropropene-	7.85	79	188564	41.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.14%
47) 2-Hexanone-d5	8.31	63	426335	92.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	663437	46.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	376419	48.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.86%

Target Compounds

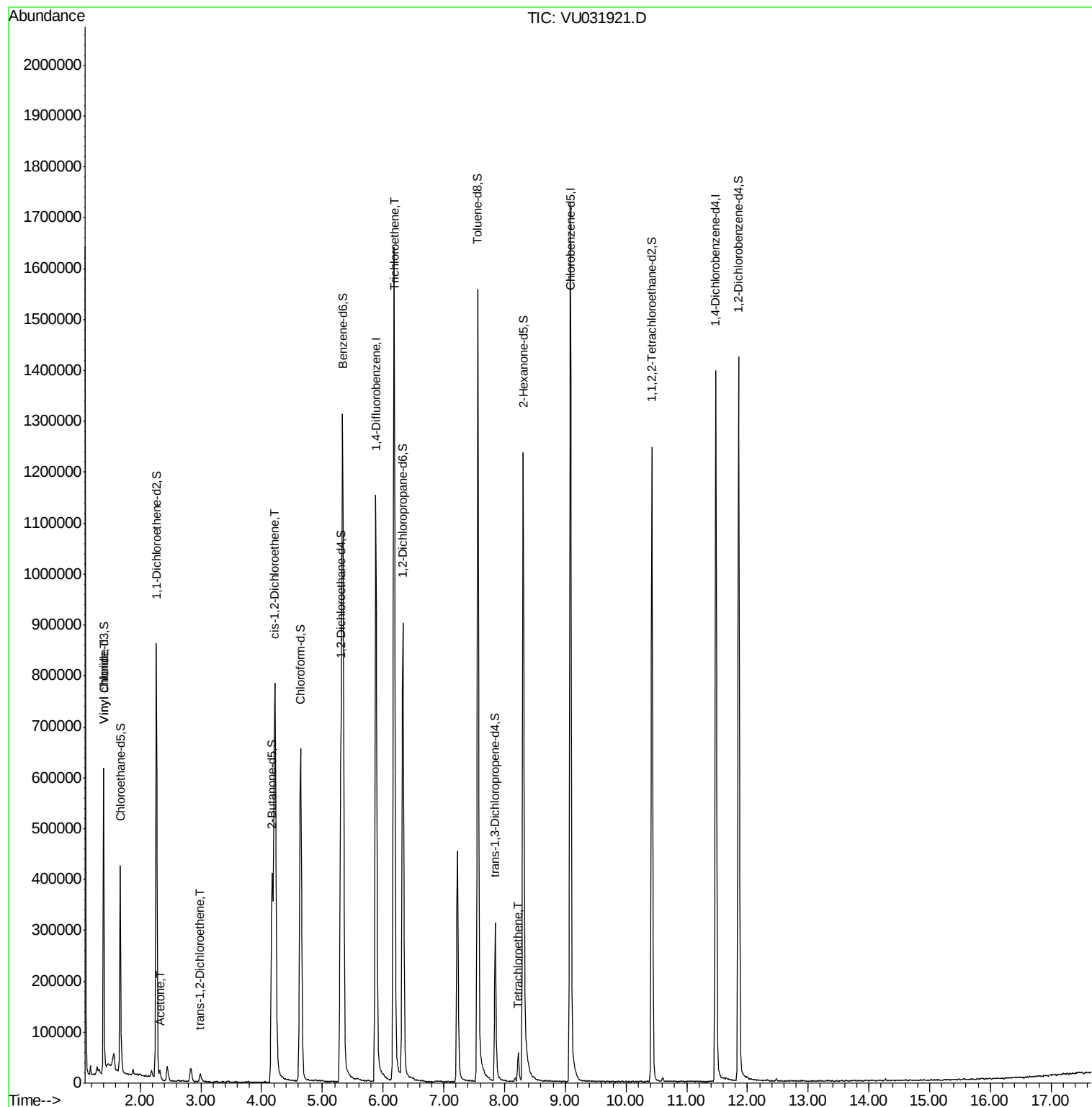
					Ovalue
5) Vinyl chloride	1.40	62	59174	4.818	ug/L # 74
13) Acetone	2.32	43	11222	1.331	ug/L 89
17) trans-1,2-Dichloroethene	2.98	96	3103	0.387	ug/L 82
20) cis-1,2-Dichloroethene	4.22	96	422709	49.095	ug/L 97
34) Trichloroethene	6.18	95	605864	68.667	ug/L 99
46) Tetrachloroethene	8.22	164	13291	2.210	ug/L 96

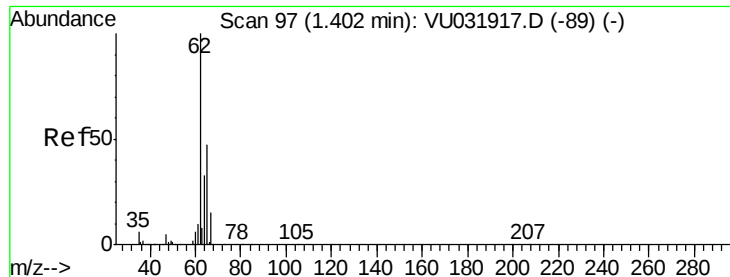
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.818 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031921.D

Acq: 11 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

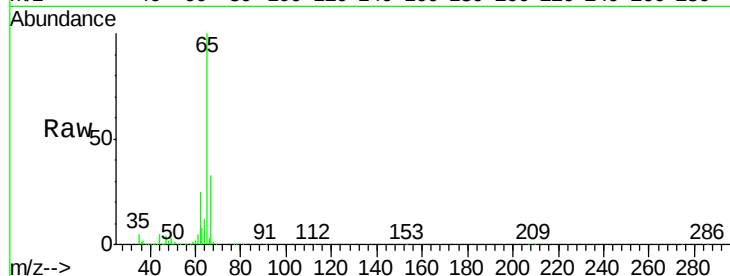
C0B51

Tot Ion: 62 Resp: 59174

Ion Ratio Lower Upper

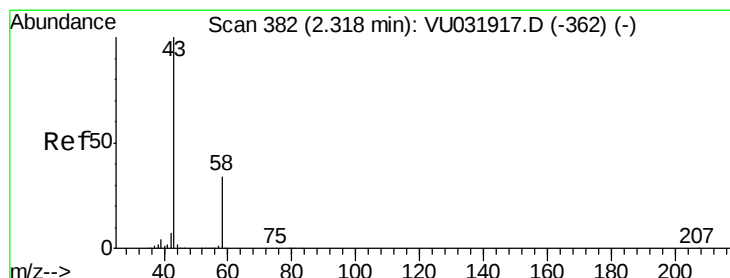
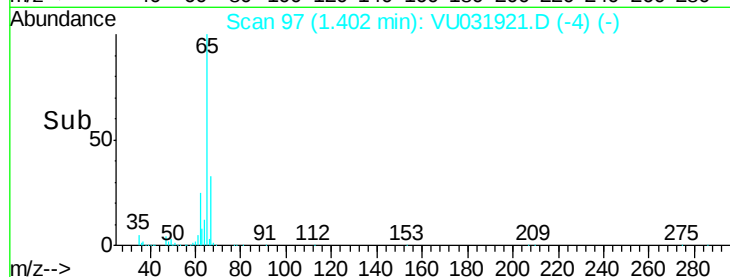
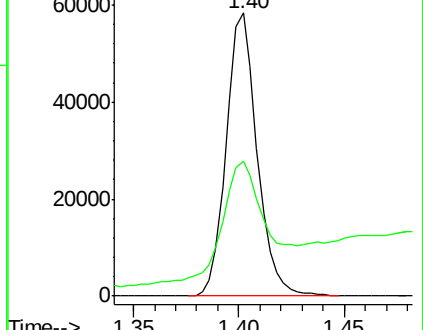
62 100

64 47.5 23.1 42.9#



Abundance Ion 62.00 (61.70 to 62.70): VU031917.D (-89) (-)

Ion 64.00 (63.70 to 64.70): VU031917.D (-89) (-)



#13

Acetone

Concen: 1.331 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031921.D

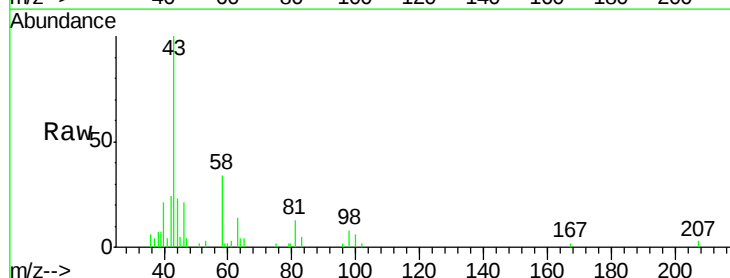
Acq: 11 May 2019 11:18

Tgt Ion: 43 Resp: 11222

Ion Ratio Lower Upper

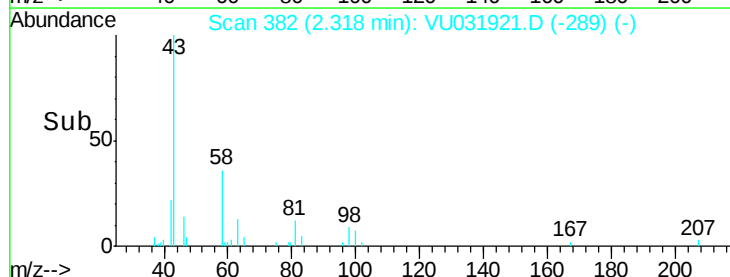
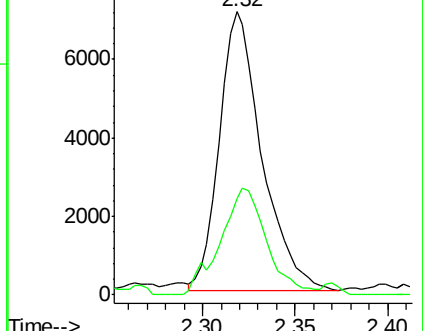
43 100

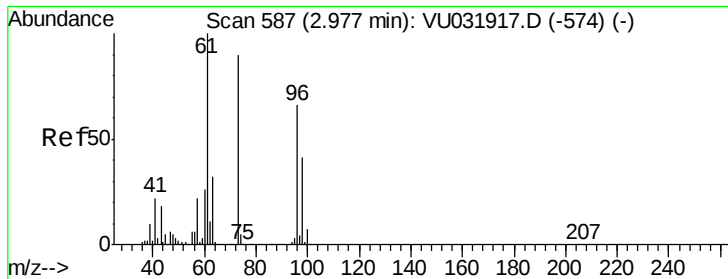
58 38.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031917.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU031917.D (-362) (-)





#17

trans-1,2-Dichloroethene

Concen: 0.387 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU031921.D

Acq: 11 May 2019 11:18

Instrument :

MSVOA_U

ClientSampled :

C0B51

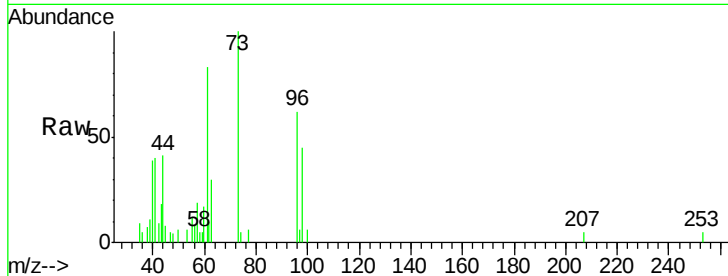
Tot Ion: 96 Resp: 3103

Ion Ratio Lower Upper

96 100

61 134.2 114.5 212.7

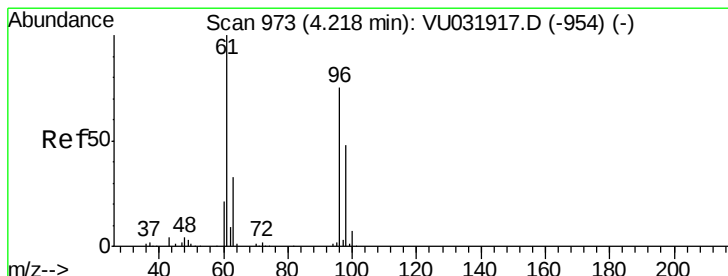
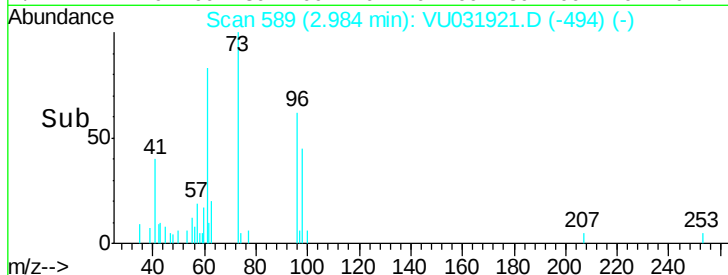
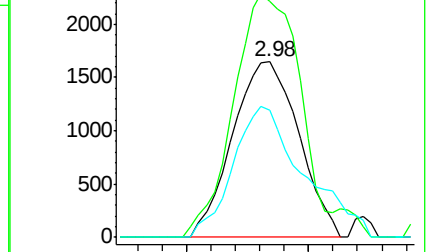
98 72.1 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU031917.D (-574) (-)

Ion 61.00 (60.70 to 61.70): VU031917.D (-574) (-)

Ion 98.00 (97.70 to 98.70): VU031917.D (-574) (-)



#20

cis-1,2-Dichloroethene

Concen: 49.095 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031921.D

Acq: 11 May 2019 11:18

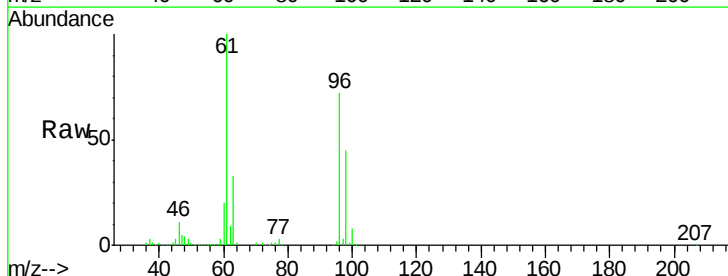
Tgt Ion: 96 Resp: 422709

Ion Ratio Lower Upper

96 100

61 138.6 99.5 184.7

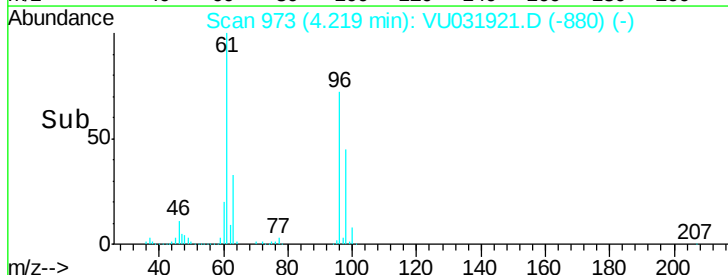
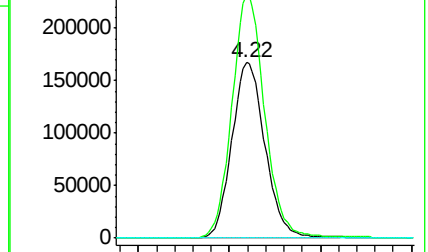
68 0.0 0.0 0.0

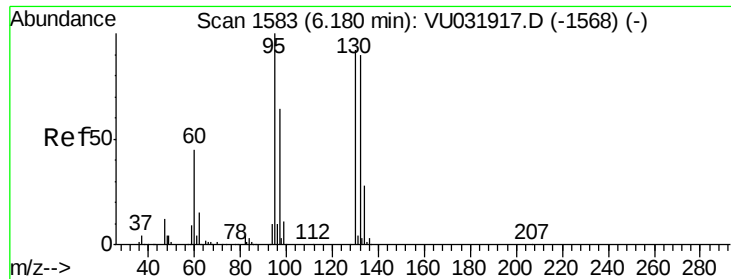


Abundance Ion 96.00 (95.70 to 96.70): VU031917.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU031917.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU031917.D (-954) (-)





#34

Trichloroethene

Concen: 68.667 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031921.D

Acq: 11 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

C0B51

Tot Ion: 95 Resp: 605864

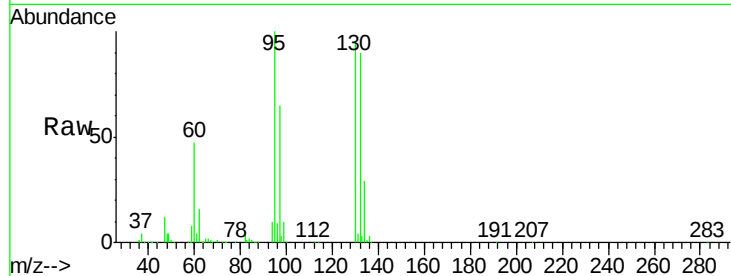
Ion Ratio Lower Upper

95 100

97 64.9 44.8 83.2

132 89.6 63.1 117.1

130 94.9 66.5 123.5

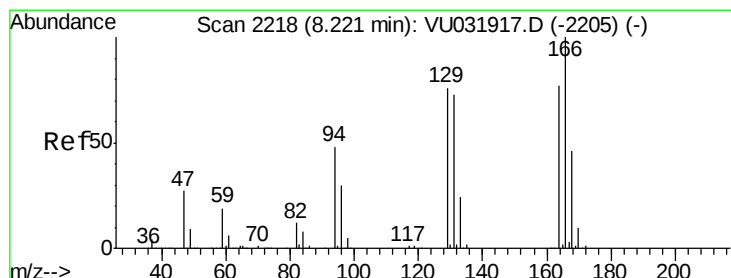
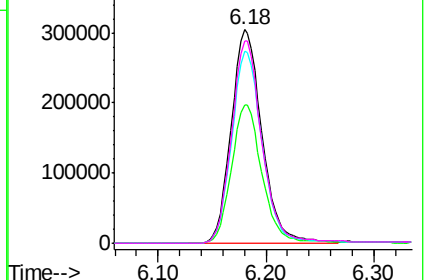
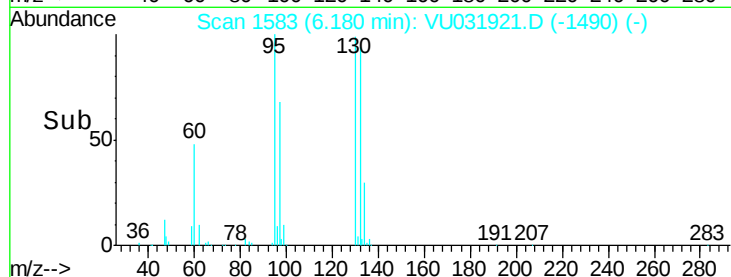


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.210 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031921.D

Acq: 11 May 2019 11:18

Tgt Ion: 164 Resp: 13291

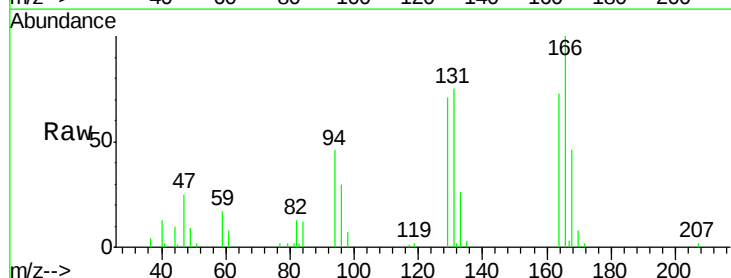
Ion Ratio Lower Upper

164 100

129 97.4 71.5 132.9

131 102.8 69.0 128.2

166 136.5 93.7 173.9



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

