

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030766.D
 Acq On : 06 Apr 2019 01:03
 Operator : JC/SP
 Sample : K2260-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ58

Quant Time: Apr 06 10:26:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470867	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452965	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188358	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	210614	50.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.22%
7) Chloroethane-d5	1.68	69	164450	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.10%
11) 1,1-Dichloroethene-d2	2.27	63	309295	40.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.36%
21) 2-Butanone-d5	4.17	46	342257	102.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.74%
24) Chloroform-d	4.64	84	282517	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.30	65	227953	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
32) Benzene-d6	5.34	84	678604	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
36) 1,2-Dichloropropane-d6	6.32	67	232652	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.68%
41) Toluene-d8	7.56	98	588616	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloropropene-	7.85	79	96989	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
47) 2-Hexanone-d5	8.31	63	209037	100.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	306697	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	193443	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

Target Compounds

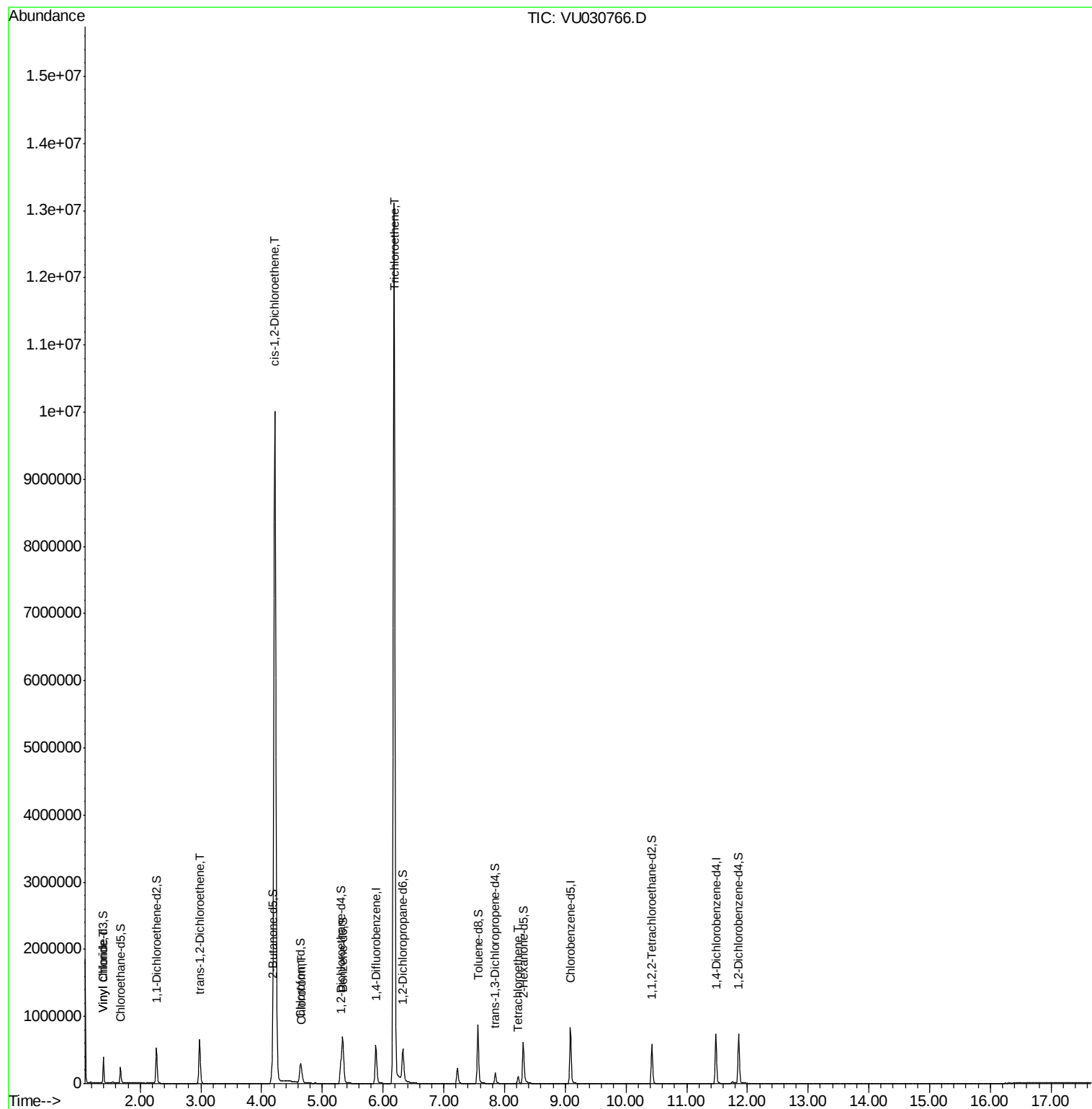
					Ovalue
5) Vinyl chloride	1.40	62	37534	7.248 ug/L	# 71
17) trans-1,2-Dichloroethene	2.98	96	248466	71.895 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	5376292	1408.895 ug/L	98
25) Chloroform	4.67	83	47996	6.696 ug/L	99
34) Trichloroethene	6.18	95	4686304	1289.007 ug/L	100
46) Tetrachloroethene	8.22	164	22905	8.666 ug/L	96

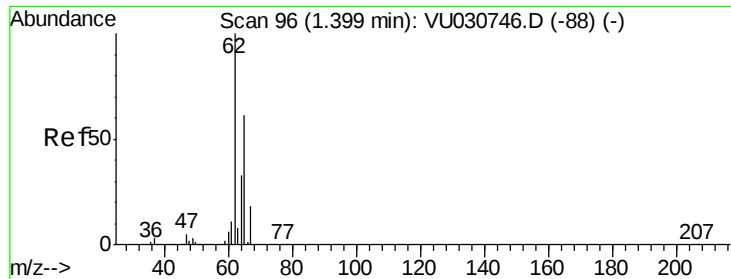
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 06 02:16:29 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.248 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU030766.D

Acq: 06 Apr 2019 01:03

Instrument :

MSVOA_U

ClientSampled :

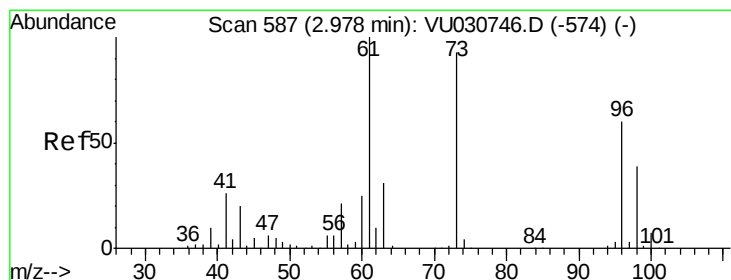
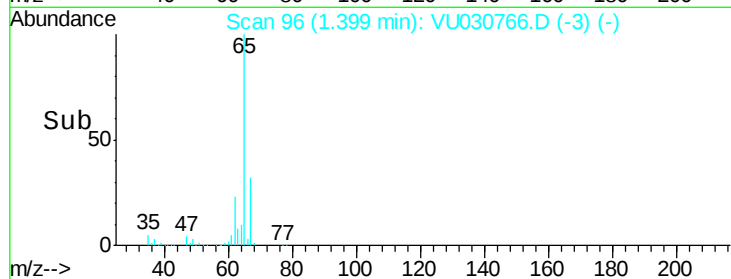
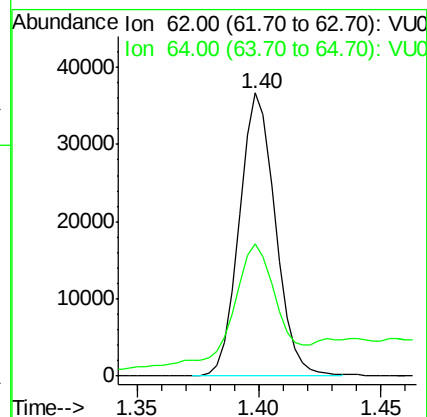
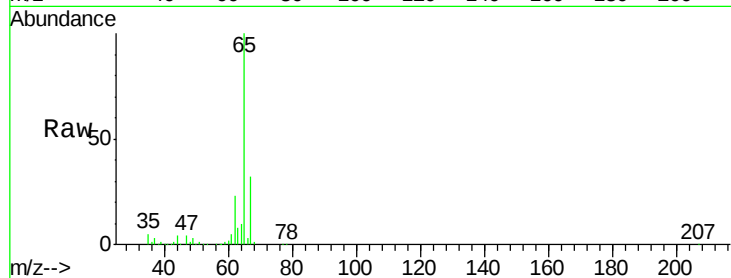
ETJ58

Tot Ion: 62 Resp: 37534

Ion Ratio Lower Upper

62 100

64 46.6 21.5 39.9#



#17

trans-1,2-Dichloroethene

Concen: 71.895 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU030766.D

Acq: 06 Apr 2019 01:03

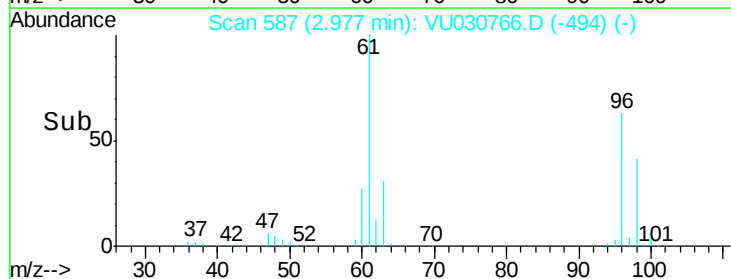
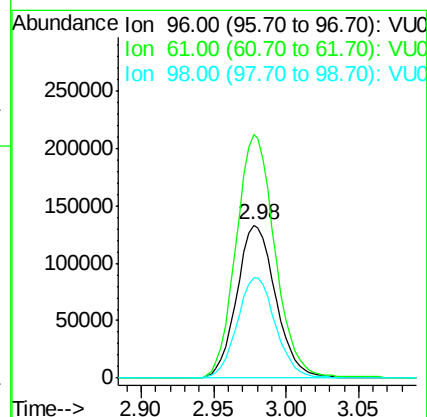
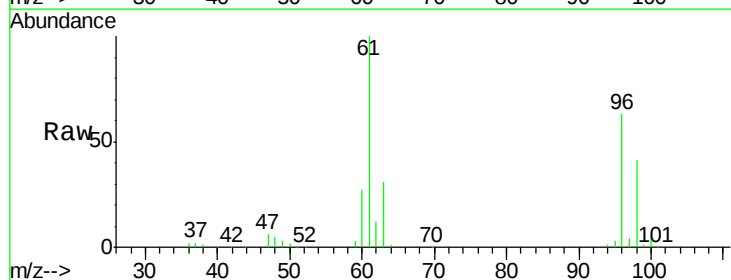
Tgt Ion: 96 Resp: 248466

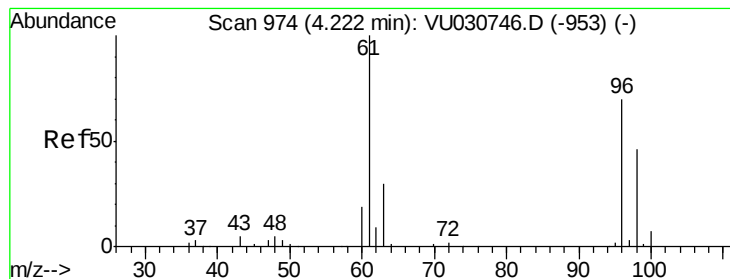
Ion Ratio Lower Upper

96 100

61 158.9 109.5 203.3

98 65.2 44.0 81.6



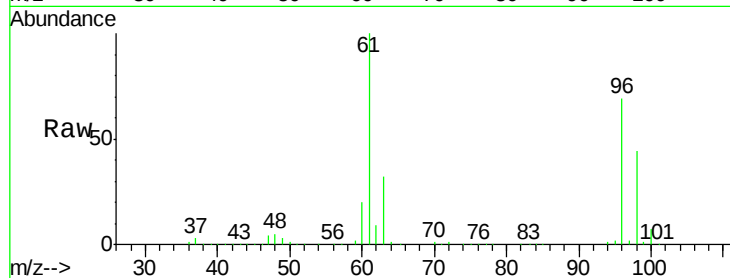


#20

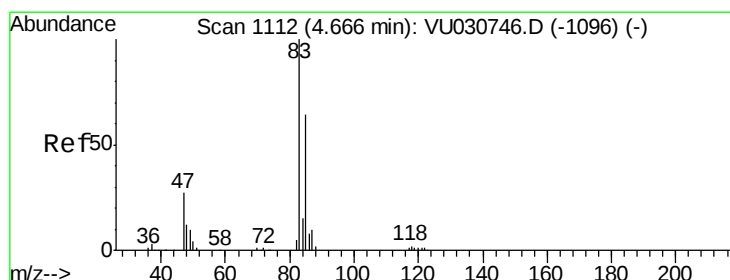
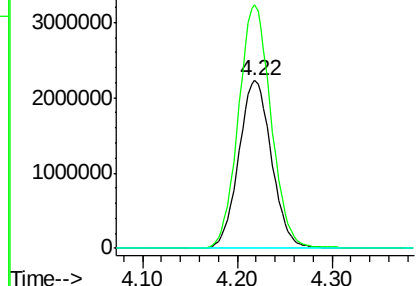
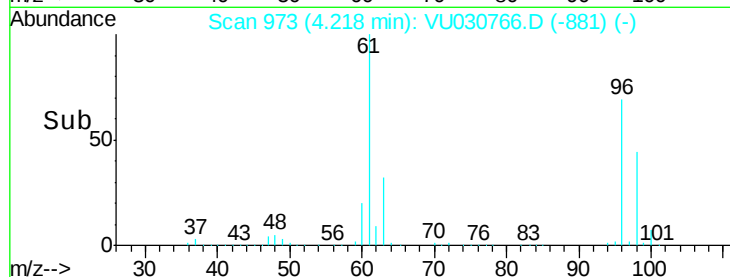
cis-1,2-Dichloroethene
 Concen: 1408.895 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU030766.D
 Acq: 06 Apr 2019 01:03

Instrument :
 MSVOA_U
 ClientSampled :
 ETJ58

Tot Ion: 96 Resp: 5376292
 Ion Ratio Lower Upper
 96 100
 61 145.0 102.9 191.1
 68 0.0 0.0 0.0



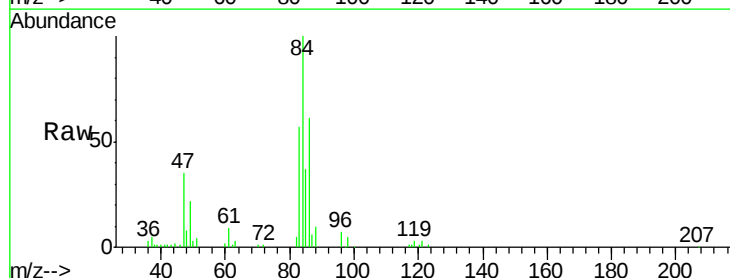
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



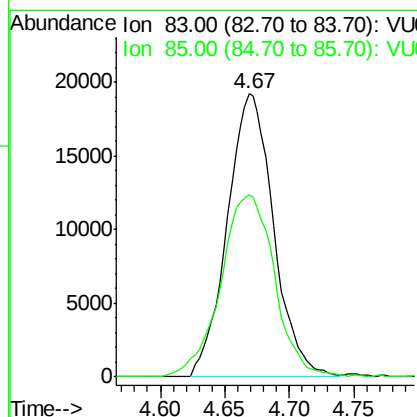
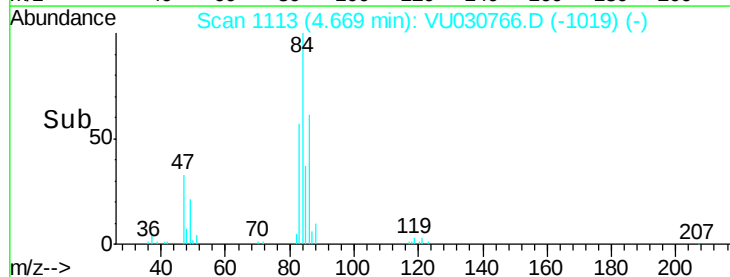
#25

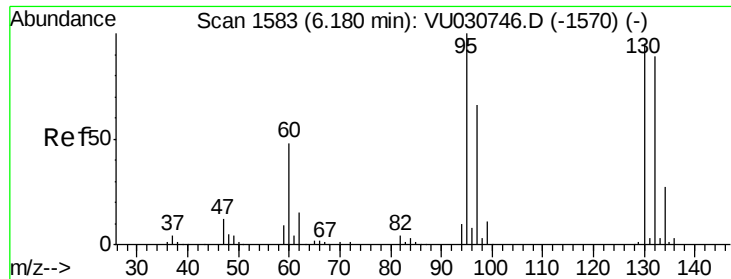
Chloroform
 Concen: 6.696 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VU030766.D
 Acq: 06 Apr 2019 01:03

Tgt Ion: 83 Resp: 47996
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 1289.007 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030766.D

Acq: 06 Apr 2019 01:03

Instrument :

MSVOA_U

ClientSampleId :

ETJ58

Tot Ion: 95 Resp: 4686304

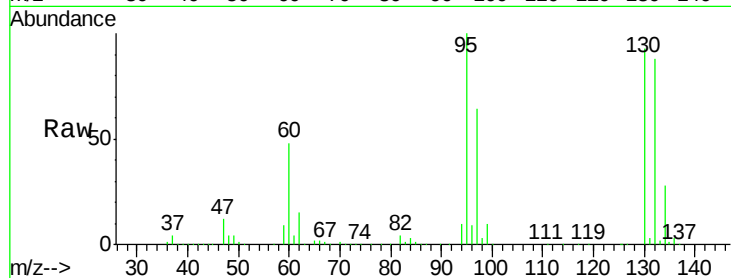
Ion Ratio Lower Upper

95 100

97 63.7 44.5 82.7

132 88.4 61.5 114.1

130 92.5 64.9 120.5

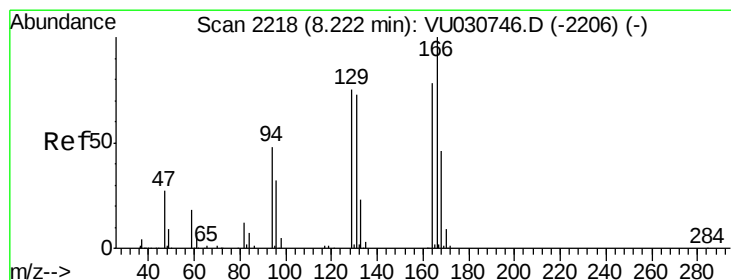
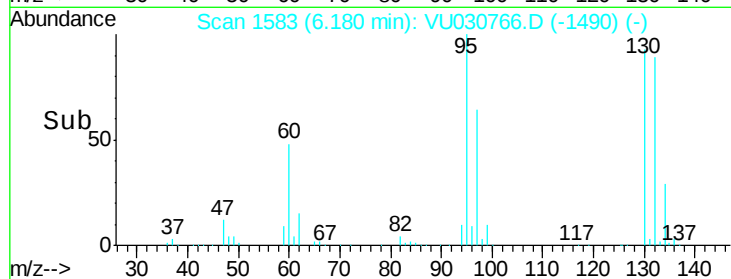
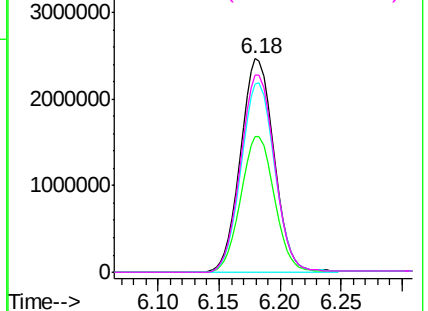


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 8.666 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030766.D

Acq: 06 Apr 2019 01:03

Tgt Ion:164 Resp: 22905

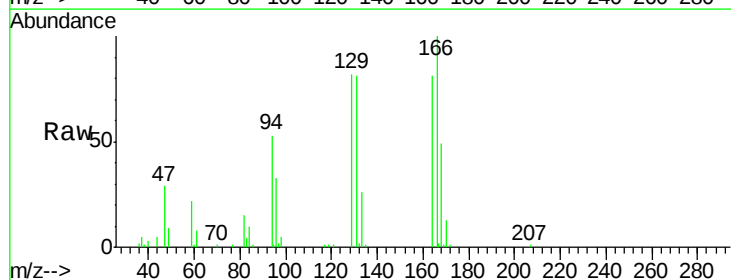
Ion Ratio Lower Upper

164 100

129 101.7 67.4 125.2

131 100.3 65.9 122.5

166 124.1 88.6 164.6



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

