

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030784.D
 Acq On : 06 Apr 2019 08:18
 Operator : JC/SP
 Sample : K2249-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE5

Quant Time: Apr 08 02:09:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	420829	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416569	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	162232	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	197344	52.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.06%
7) Chloroethane-d5	1.68	69	161700	56.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.42%
11) 1,1-Dichloroethene-d2	2.27	63	477886	70.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	140.66%#
21) 2-Butanone-d5	4.17	46	354598	119.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.10%
24) Chloroform-d	4.64	84	302083	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	5.31	65	226811	57.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.84%
32) Benzene-d6	5.34	84	622359	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
36) 1,2-Dichloropropane-d6	6.32	67	228396	54.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.60%
41) Toluene-d8	7.56	98	495311	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.85	79	87359	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.94%
47) 2-Hexanone-d5	8.31	63	214303	112.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307250	54.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	172644	54.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.22%

Target Compounds

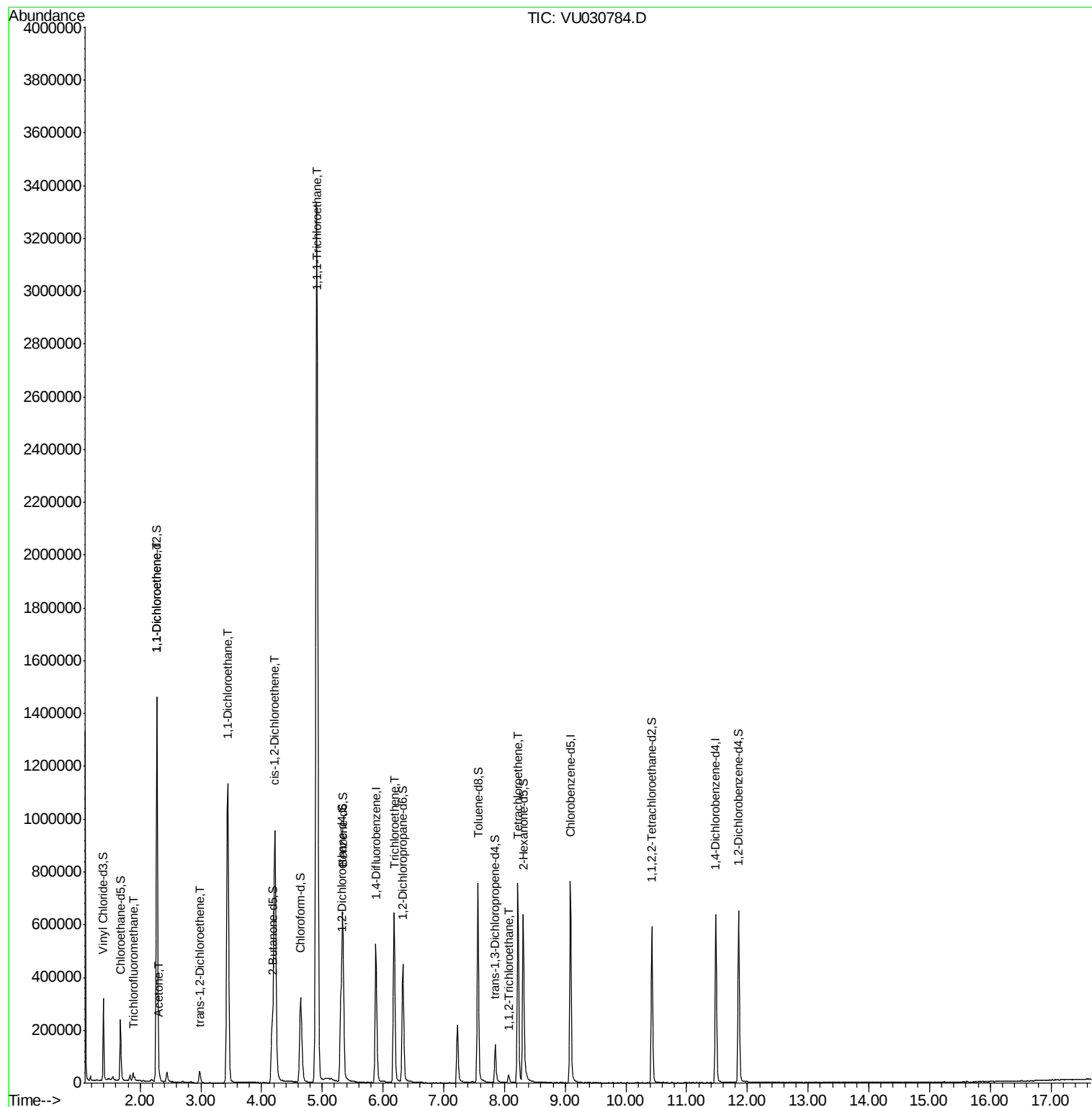
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	12262	2.274	ug/L	95
12) 1,1-Dichloroethene	2.28	96	372653	128.104	ug/L	85
13) Acetone	2.32	43	14536	4.771	ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	16750	5.423	ug/L	98
19) 1,1-Dichloroethane	3.44	63	1278944	200.645	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	501158	146.948	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	2592263	510.619	ug/L	99
34) Trichloroethene	6.18	95	238851	71.438	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	9785	2.989	ug/L	94
46) Tetrachloroethene	8.22	164	162024	66.655	ug/L	98

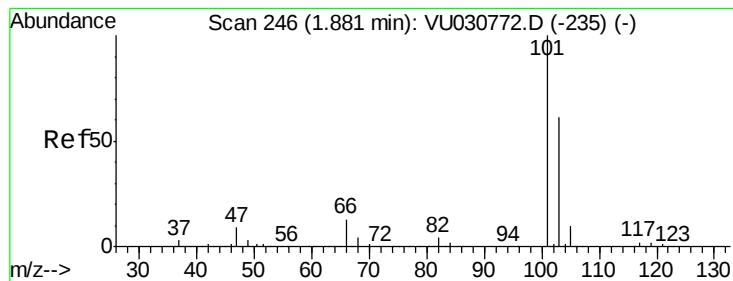
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030784.D
Acq On : 06 Apr 2019 08:18
Operator : JC/SP
Sample : K2249-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YE5

Quant Time: Apr 08 02:09:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration



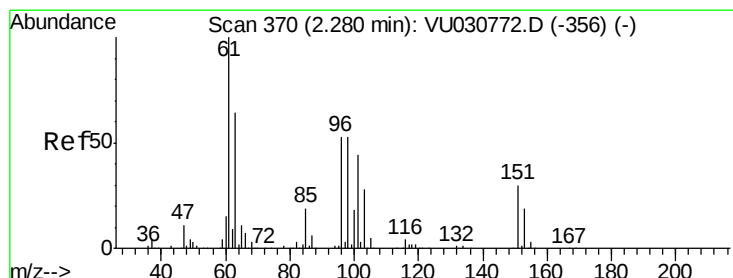
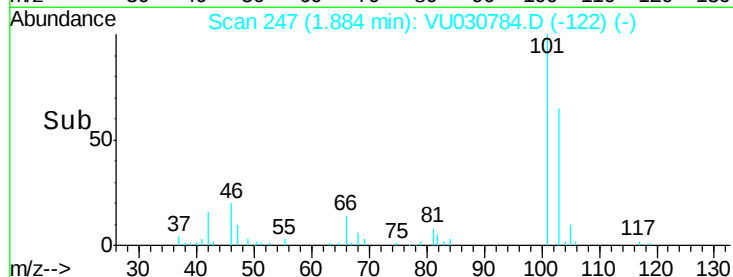
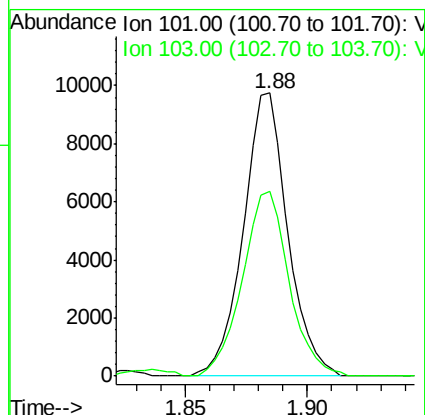
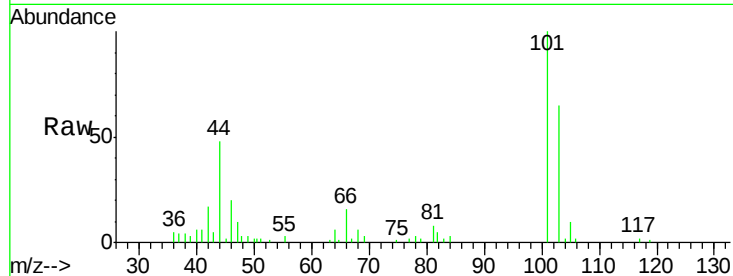


#9

Trichlorofluoromethane
 Concen: 2.274 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU030784.D
 Acq: 06 Apr 2019 08:18

Instrument :
 MSVOA_U
 ClientSampled :
 E3YE5

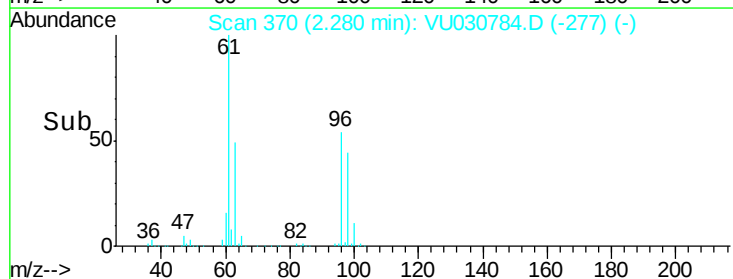
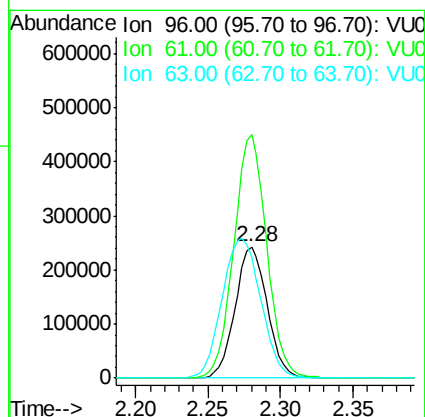
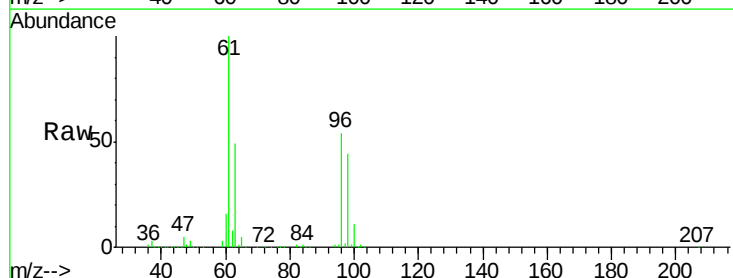
Tot Ion:101 Resp: 12262
 Ion Ratio Lower Upper
 101 100
 103 68.8 51.8 77.8

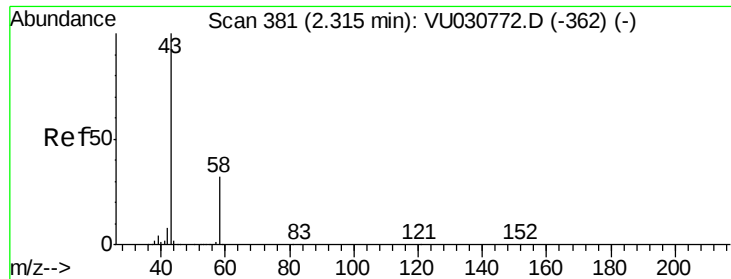


#12

1,1-Dichloroethene
 Concen: 128.104 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: VU030784.D
 Acq: 06 Apr 2019 08:18

Tgt Ion: 96 Resp: 372653
 Ion Ratio Lower Upper
 96 100
 61 185.1 132.0 245.2
 63 91.6 90.9 168.9





#13

Acetone

Concen: 4.771 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU030784.D

Acq: 06 Apr 2019 08:18

Instrument :

MSVOA_U

ClientSampleId :

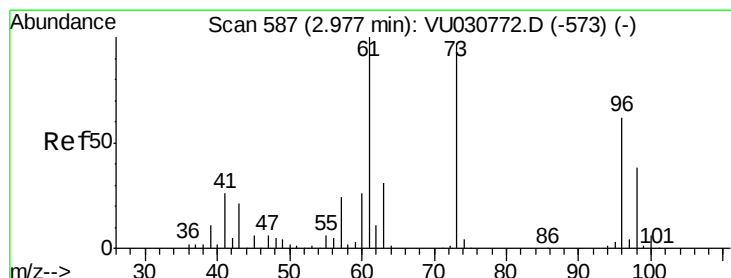
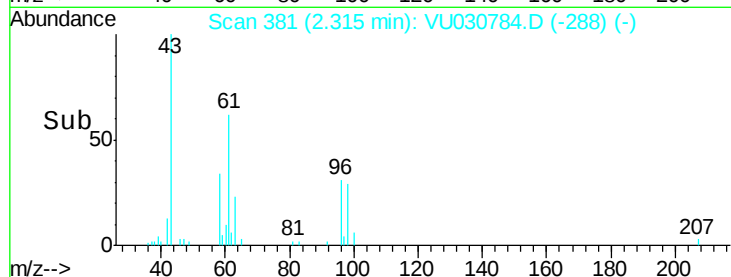
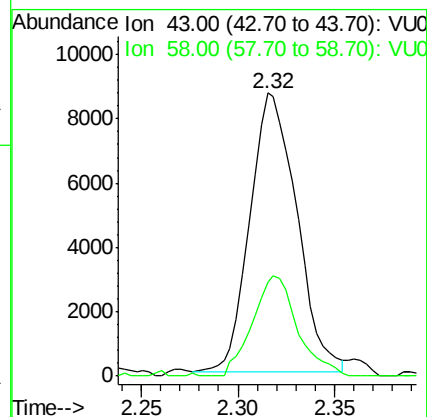
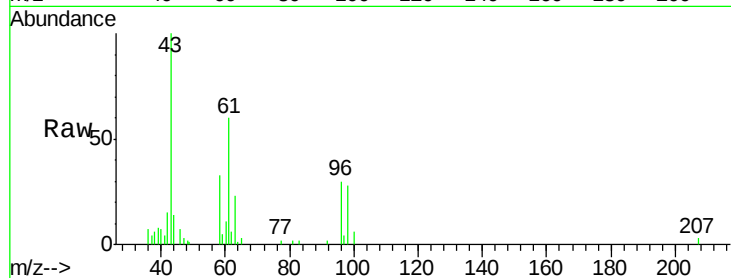
E3YE5

Tot Ion: 43 Resp: 14536

Ion Ratio Lower Upper

43 100

58 34.8 0.0 64.0



#17

trans-1,2-Dichloroethene

Concen: 5.423 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU030784.D

Acq: 06 Apr 2019 08:18

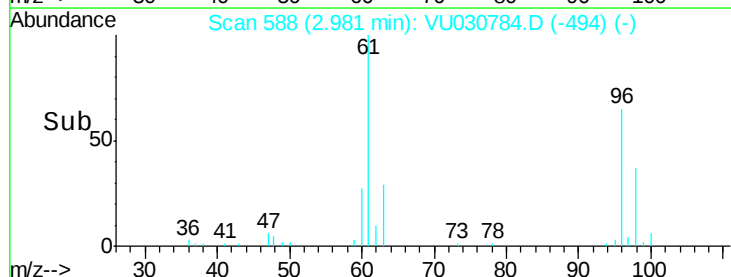
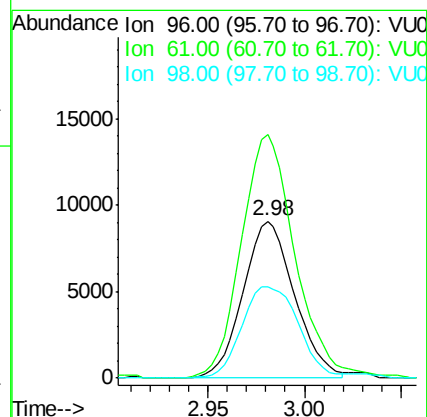
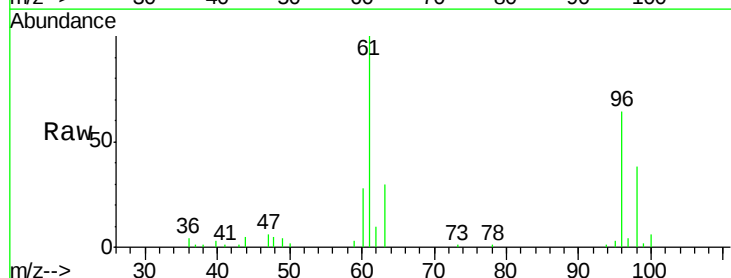
Tgt Ion: 96 Resp: 16750

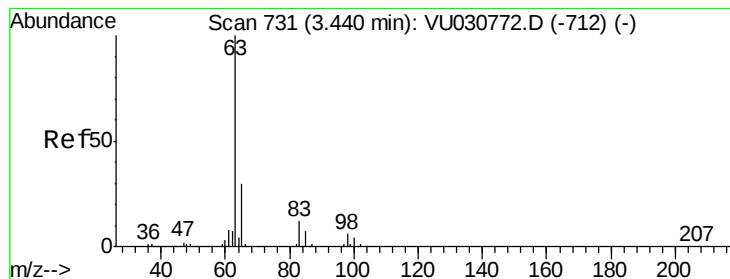
Ion Ratio Lower Upper

96 100

61 155.3 109.5 203.3

98 58.5 44.0 81.6





#19

1,1-Dichloroethane

Concen: 200.645 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU030784.D

Acq: 06 Apr 2019 08:18

Instrument :

MSVOA_U

ClientSampleId :

E3YE5

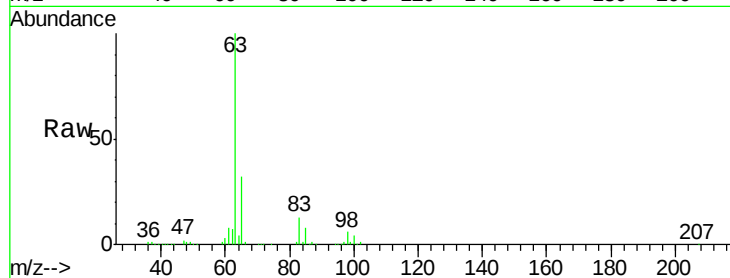
Tot Ion: 63 Resp: 1278944

Ion Ratio Lower Upper

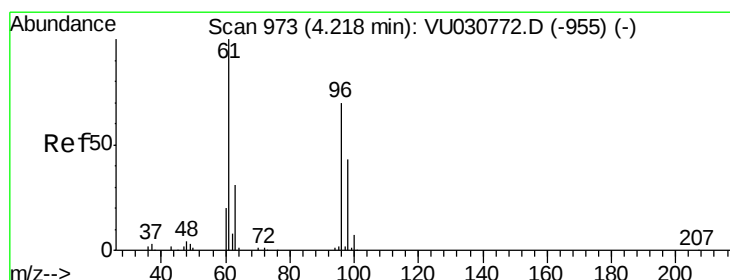
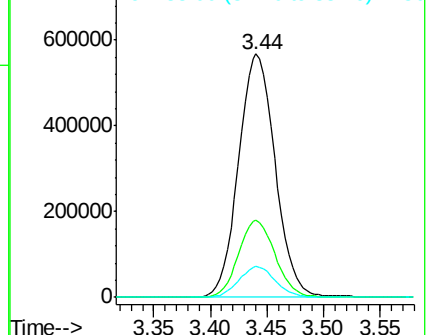
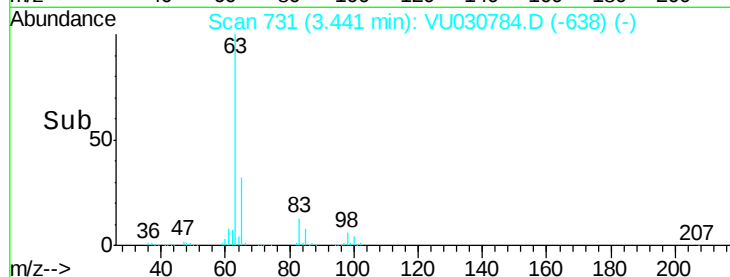
63 100

65 31.8 21.4 39.8

83 12.7 8.5 15.7



Abundance Ion 63.00 (62.70 to 63.70): VU030784.D (-638) (-)



#20

cis-1,2-Dichloroethene

Concen: 146.948 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU030784.D

Acq: 06 Apr 2019 08:18

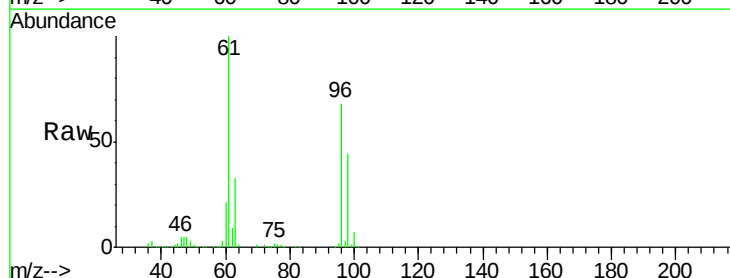
Tgt Ion: 96 Resp: 501158

Ion Ratio Lower Upper

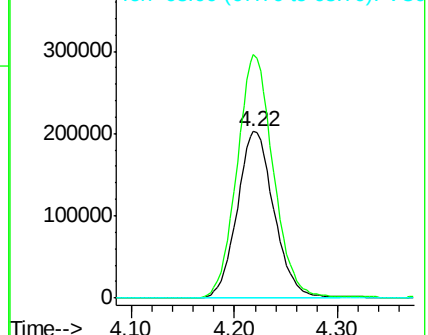
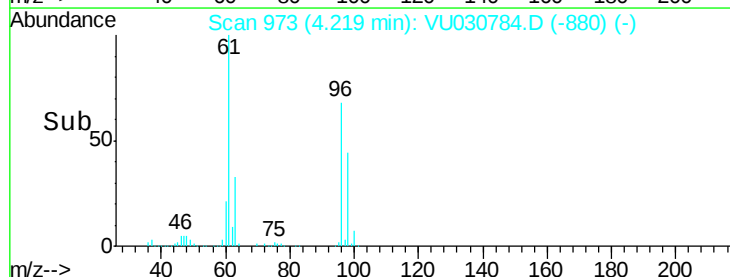
96 100

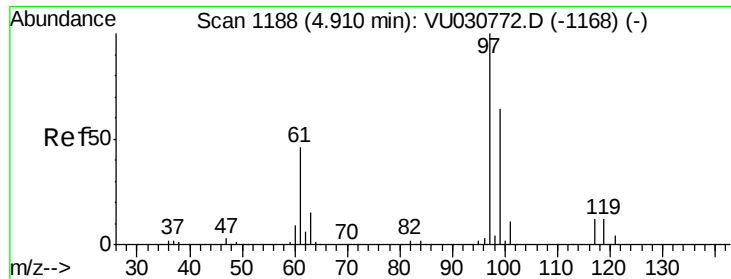
61 146.5 102.9 191.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030784.D (-880) (-)

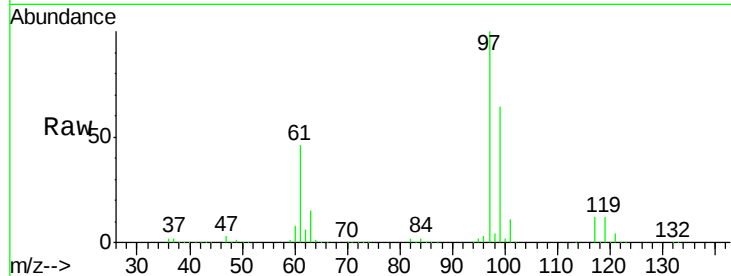




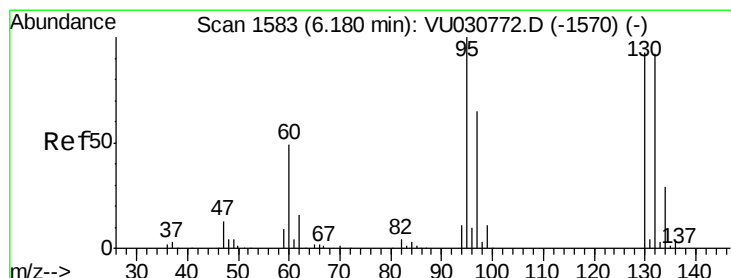
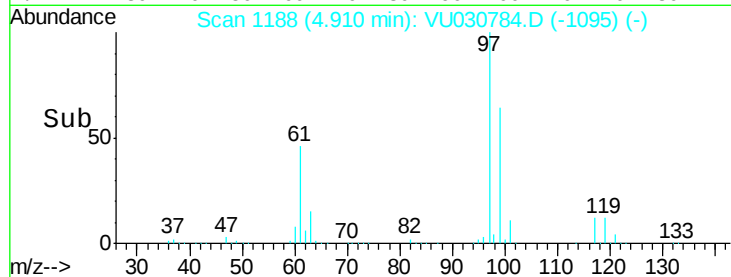
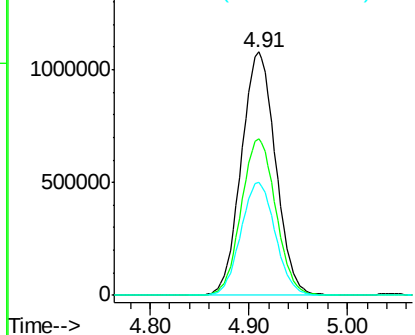
#30
 1,1,1-Trichloroethane
 Concen: 510.619 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU030784.D
 Acq: 06 Apr 2019 08:18

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE5

Tot Ion: 97 Resp: 2592263
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.4 77.2
 61 46.7 37.1 55.7

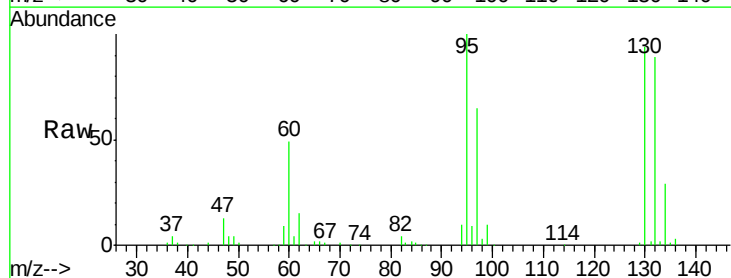


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

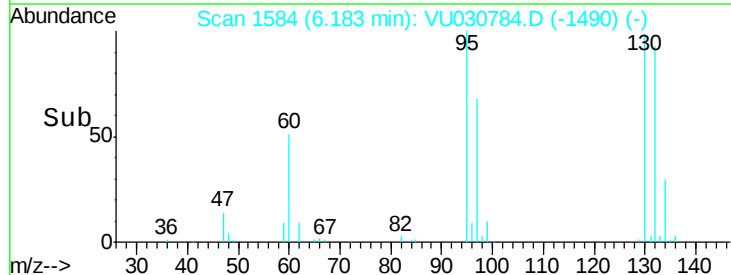
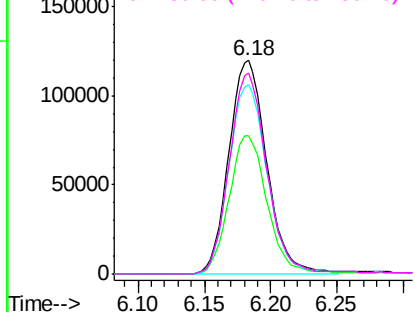


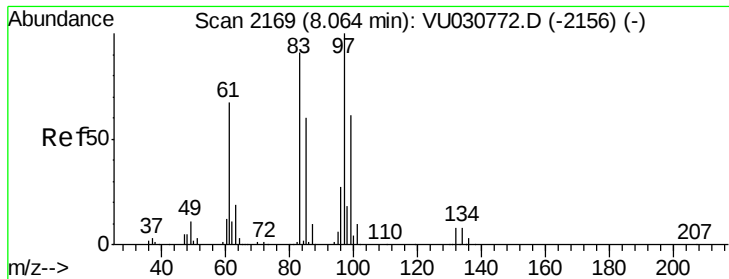
#34
 Trichloroethene
 Concen: 71.438 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030784.D
 Acq: 06 Apr 2019 08:18

Tgt Ion: 95 Resp: 238851
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.5 82.7
 132 88.5 61.5 114.1
 130 94.0 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





#45

1,1,2-Trichloroethane

Concen: 2.989 ug/L

RT: 8.06 min Scan# 2169

Delta R.T. 0.00 min

Lab File: VU030784.D

Acq: 06 Apr 2019 08:18

Instrument :

MSVOA_U

ClientSampleId :

E3YE5

Tot Ion: 97 Resp: 9785

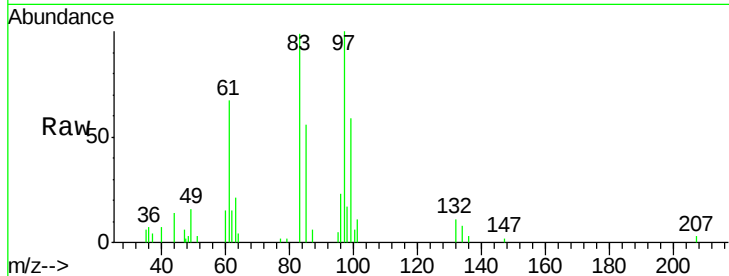
Ion Ratio Lower Upper

97 100

99 59.4 44.0 81.8

83 98.6 65.3 121.3

85 55.7 42.5 78.9

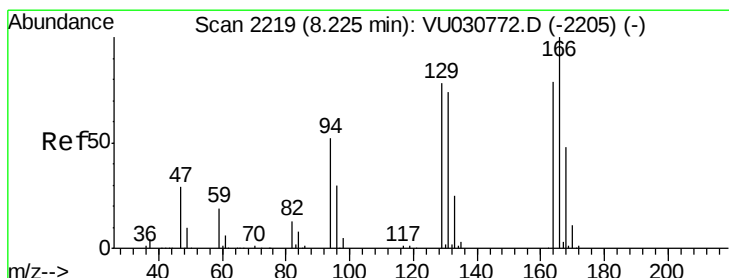
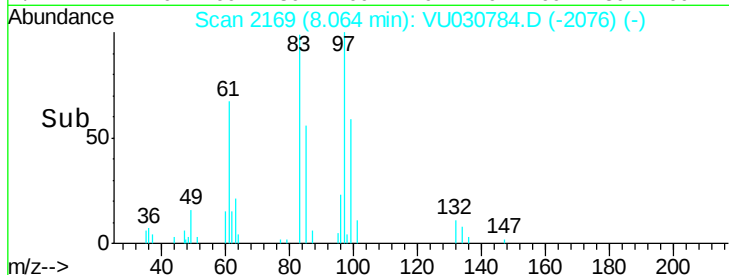
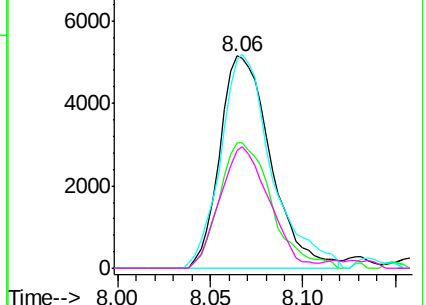


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 66.655 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030784.D

Acq: 06 Apr 2019 08:18

Tgt Ion: 164 Resp: 162024

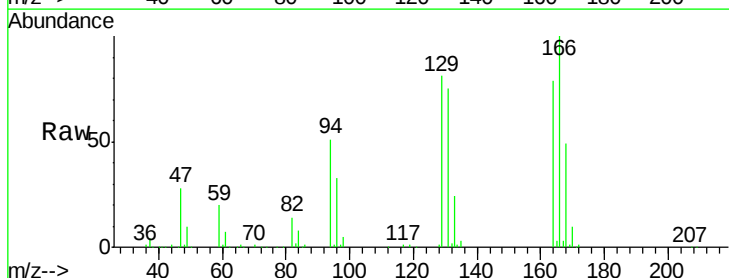
Ion Ratio Lower Upper

164 100

129 101.8 67.4 125.2

131 94.5 65.9 122.5

166 126.3 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

