

Data File : VU031804.D
Acq On : 07 May 2019 15:04
Operator : JC/SP
Sample : K2694-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHH6

Quant Time: May 08 06:52:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	635321	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	606549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218982	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	239920	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.24%
7) Chloroethane-d5	1.68	69	185058	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.08%
11) 1,1-Dichloroethene-d2	2.27	63	388604	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	4.18	46	506317	105.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.10%
24) Chloroform-d	4.64	84	461361	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	5.31	65	328436	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
32) Benzene-d6	5.34	84	889682	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.33	67	323229	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.66%
41) Toluene-d8	7.56	98	735625	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%
43) trans-1,3-Dichloropropene-	7.85	79	127446	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
47) 2-Hexanone-d5	8.31	63	273368	96.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	405394	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	220446	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%

Target Compounds

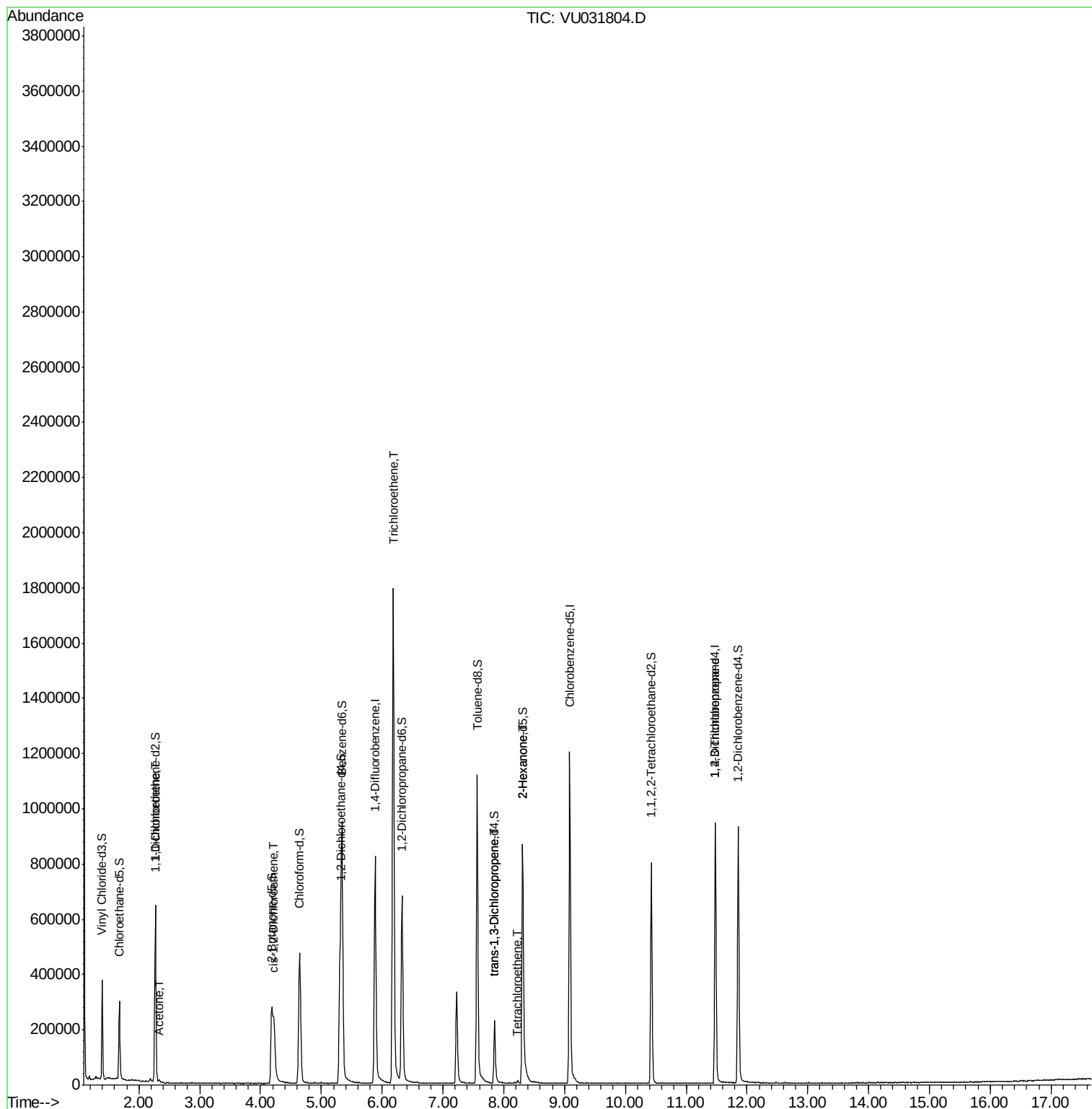
					Qvalue
12) 1,1-Dichloroethene	2.28	96	7184	1.449 ug/L #	1
13) Acetone	2.34	43	3247	0.598 ug/L	67
20) cis-1,2-Dichloroethene	4.22	96	80937	14.609 ug/L	92
34) Trichloroethene	6.18	95	663199	122.686 ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	5198	0.685 ug/L #	72
46) Tetrachloroethene	8.22	164	1769	0.480 ug/L	87
48) 2-Hexanone	8.31	43	39979	5.075 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	34125	4.546 ug/L	94

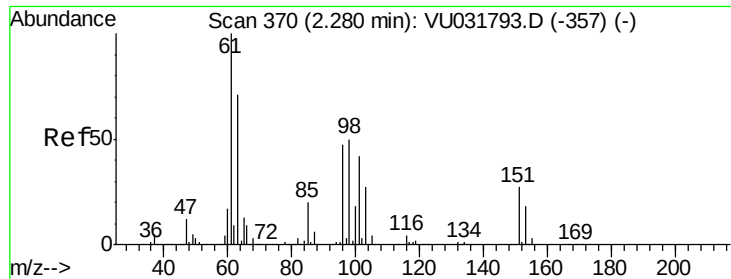
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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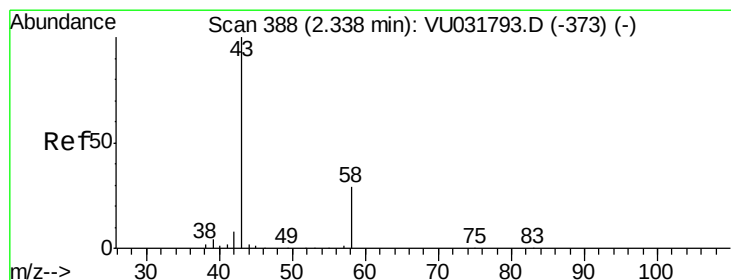
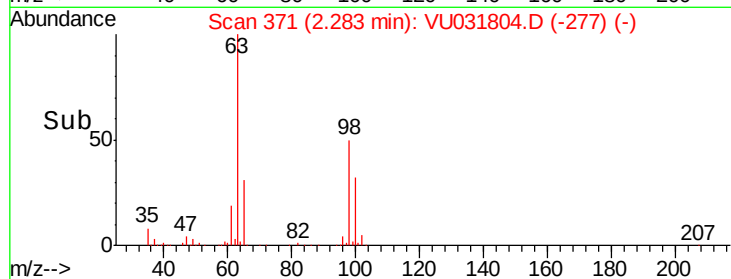
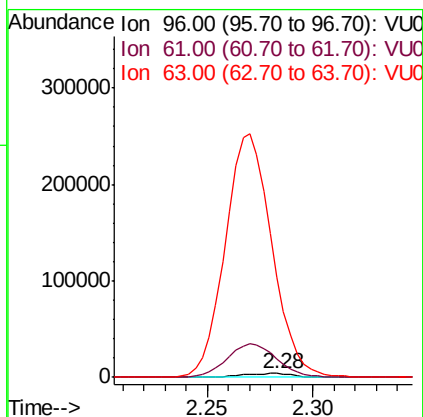
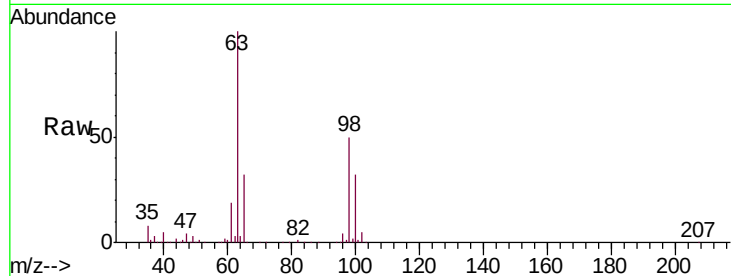




#12
 1,1-Dichloroethene
 Concen: 1.449 ug/L
 RT: 2.28 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VU031804.D
 Acq: 07 May 2019 15:04

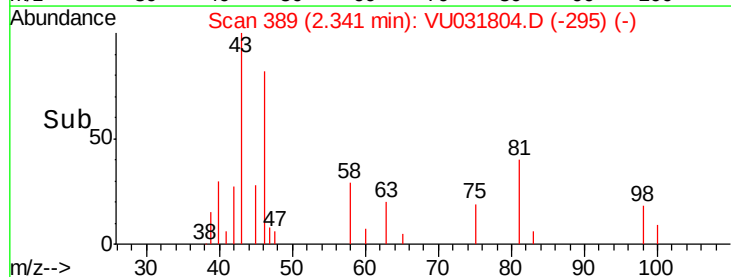
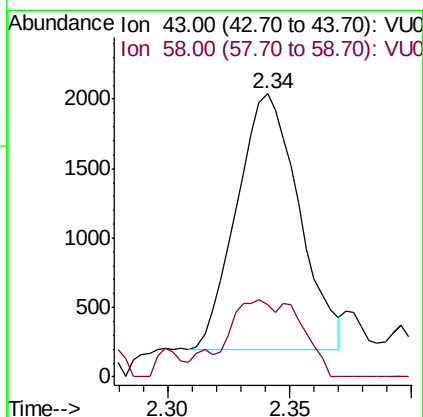
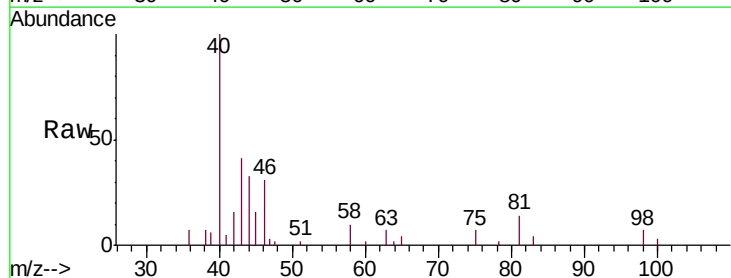
Instrument :
 MSVOA_U
 ClientSampled :
 BFHH6

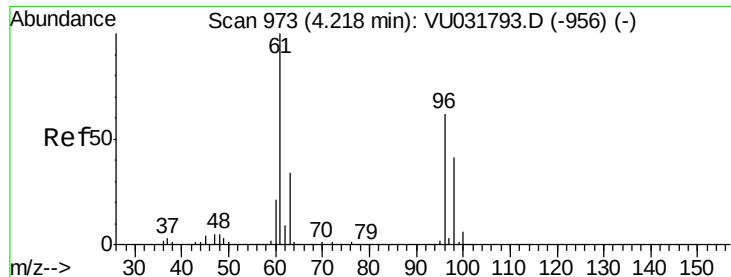
Tgt Ion: 96 Resp: 7184
 Ion Ratio Lower Upper
 96 100
 61 480.5 135.0 250.6#
 63 2596.3 103.5 192.3#



#13
 Acetone
 Concen: 0.598 ug/L
 RT: 2.34 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VU031804.D
 Acq: 07 May 2019 15:04

Tgt Ion: 43 Resp: 3247
 Ion Ratio Lower Upper
 43 100
 58 13.6 0.0 64.4

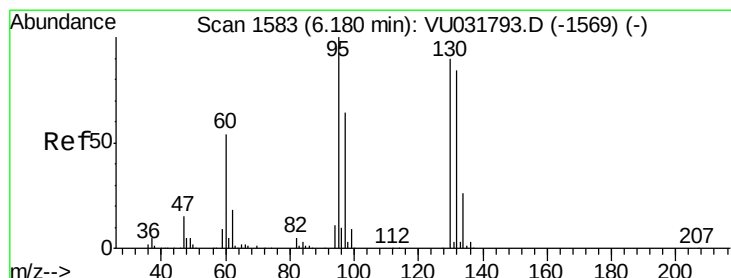
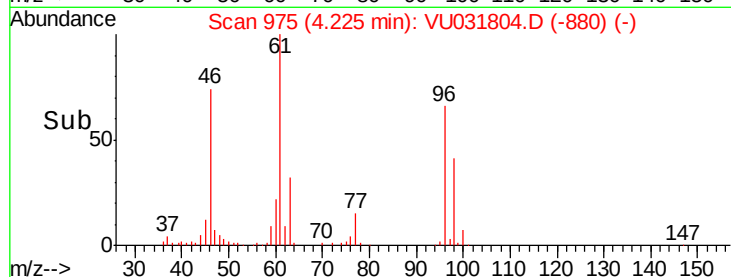
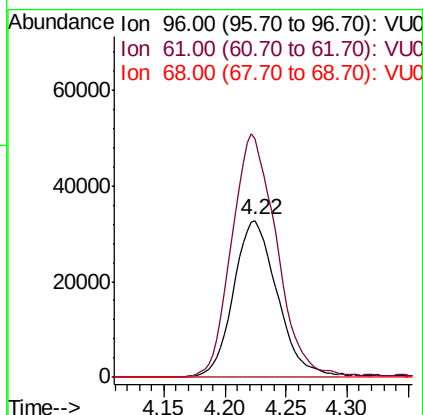
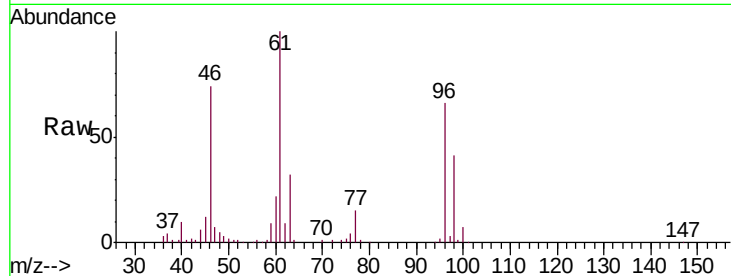




#20
 cis-1,2-Dichloroethene
 Concen: 14.609 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU031804.D
 Acq: 07 May 2019 15:04

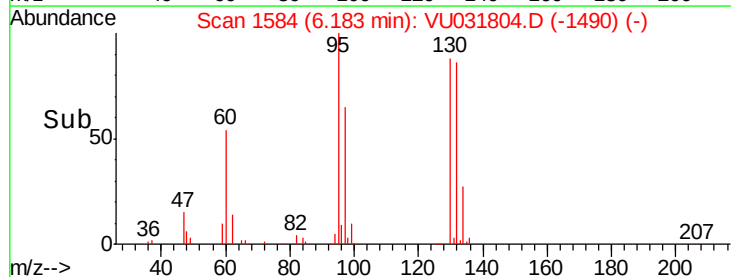
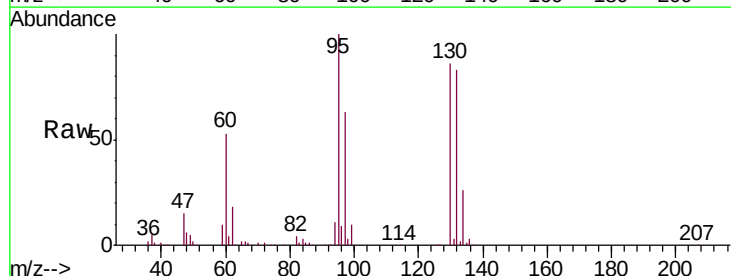
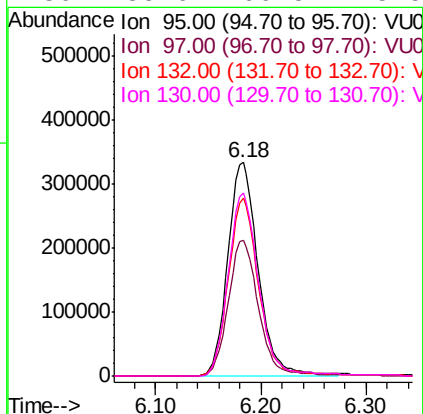
Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH6

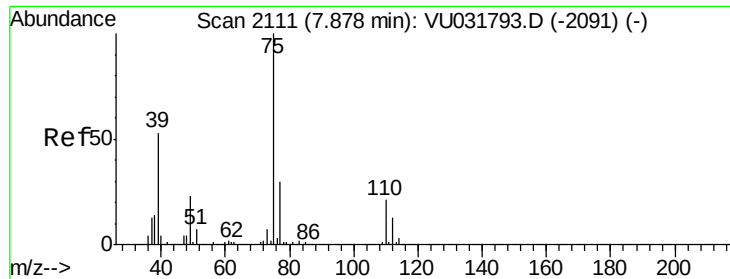
Tgt Ion: 96 Resp: 80937
 Ion Ratio Lower Upper
 96 100
 61 152.3 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 122.686 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031804.D
 Acq: 07 May 2019 15:04

Tgt Ion: 95 Resp: 663199
 Ion Ratio Lower Upper
 95 100
 97 63.5 44.8 83.2
 132 83.3 63.1 117.1
 130 85.6 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.685 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031804.D

Acq: 07 May 2019 15:04

Instrument :

MSVOA_U

ClientSampleId :

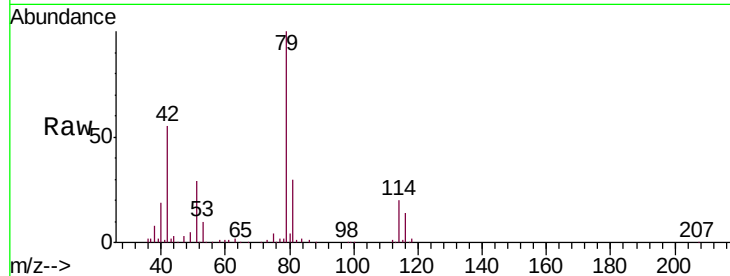
BFHH6

Tgt Ion: 75 Resp: 5198

Ion Ratio Lower Upper

75 100

77 47.1 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031793.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU031793.D (-2091) (-)

7.85

3000

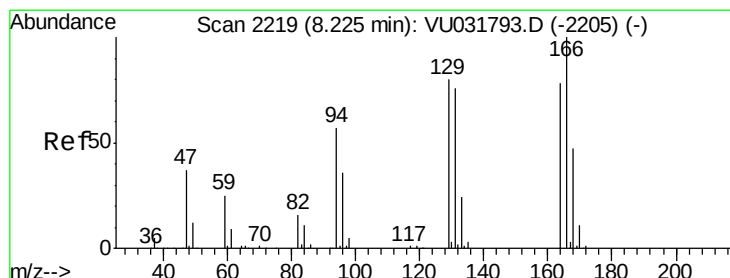
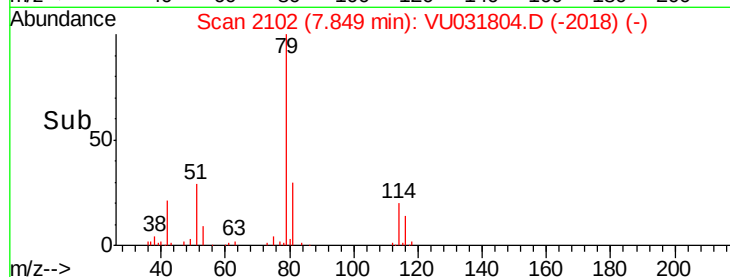
2000

1000

0

7.80 7.85 7.90

Time-->



#46

Tetrachloroethene

Concen: 0.480 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031804.D

Acq: 07 May 2019 15:04

Tgt Ion: 164 Resp: 1769

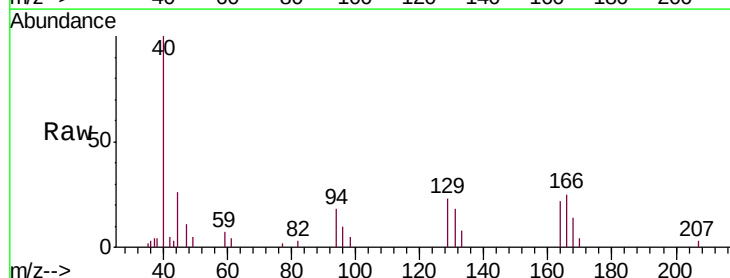
Ion Ratio Lower Upper

164 100

129 105.2 71.5 132.9

131 81.5 69.0 128.2

166 113.7 93.7 173.9



Abundance Ion 164.00 (163.70 to 164.70): VU031793.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031793.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031793.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031793.D (-2205) (-)

8.22

2500

2000

1500

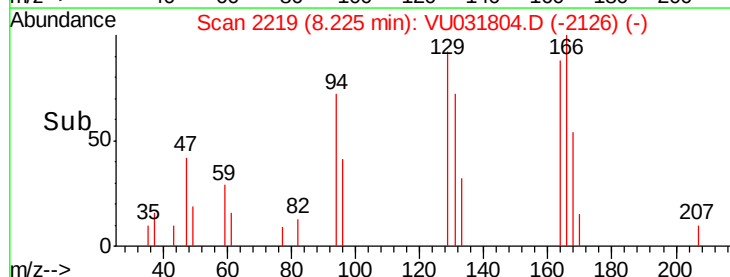
1000

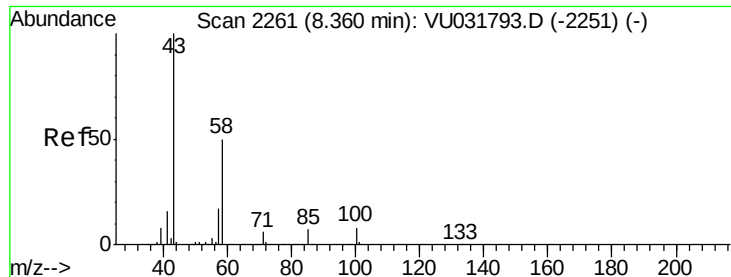
500

0

8.20 8.22 8.24 8.26

Time-->

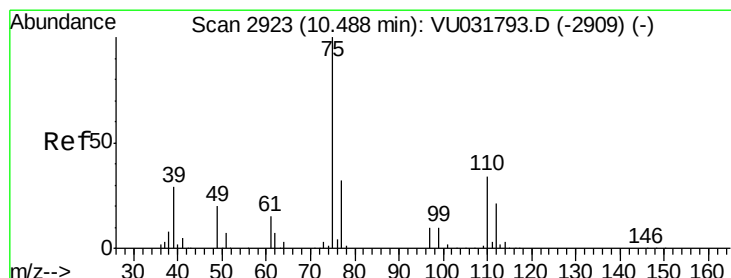
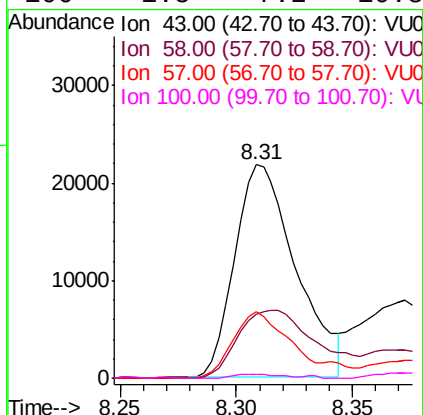
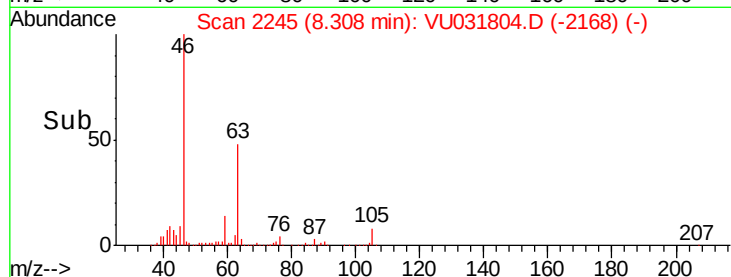
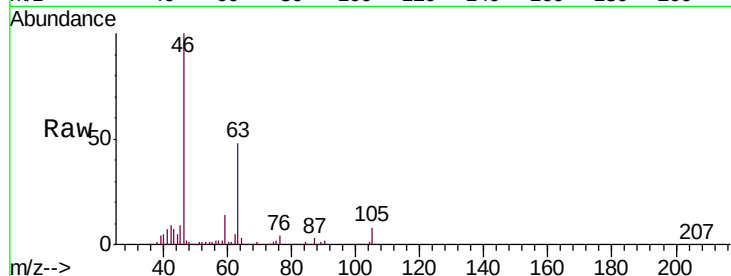




#48
 2-Hexanone
 Concen: 5.075 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU031804.D
 Acq: 07 May 2019 15:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH6

Tgt Ion: 43 Resp: 39979
 Ion Ratio Lower Upper
 43 100
 58 41.6 42.1 63.1#
 57 28.2 14.6 22.0#
 100 1.5 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.546 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031804.D
 Acq: 07 May 2019 15:04

Tgt Ion: 75 Resp: 34125
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.9 38.9

