

Data File : VU031408.D
Acq On : 22 Apr 2019 22:29
Operator : JC/SP
Sample : K2428-15DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Apr 23 04:07:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	643057	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	599597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	246625	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	211603	40.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.22%
7) Chloroethane-d5	1.68	69	186320	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.92%
11) 1,1-Dichloroethene-d2	2.27	63	326169	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.96%
21) 2-Butanone-d5	4.19	46	426759	109.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.55%
24) Chloroform-d	4.64	84	413803	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	5.31	65	255616	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.78%
32) Benzene-d6	5.34	84	846969	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	281818	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	7.56	98	726154	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.85	79	114570	45.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.22%
47) 2-Hexanone-d5	8.31	63	314912	112.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	402504	53.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	264501	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

Target Compounds

					Qvalue
9) Trichlorofluoromethane	1.88	101	13115	1.910 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3498	0.878 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2998	0.765 ug/L #	1
34) Trichloroethene	6.18	95	247285	53.811 ug/L	98
46) Tetrachloroethene	8.23	164	25385	7.789 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	26572	4.658 ug/L	91

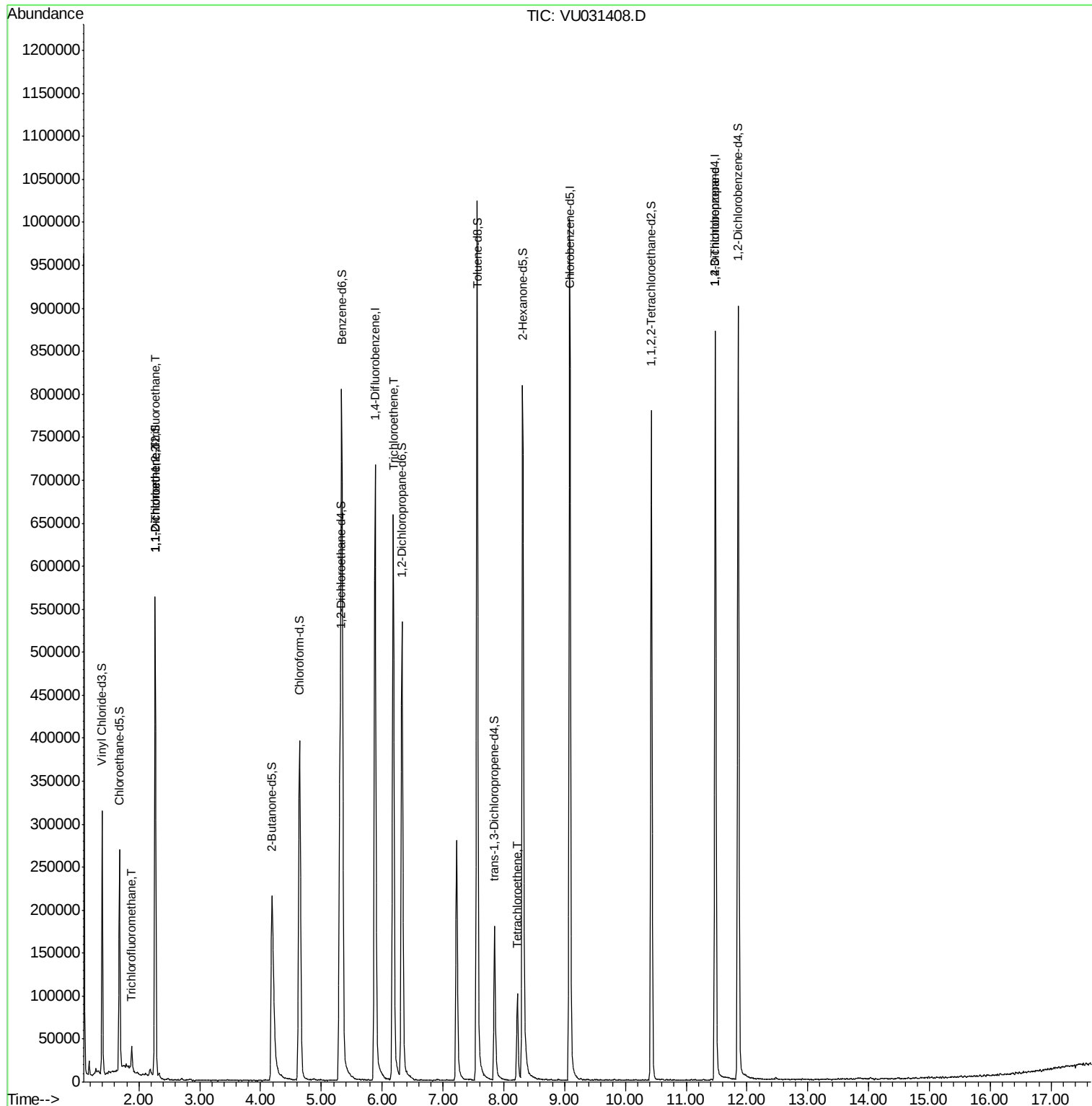
(#) = qualifier out of range (m) = manual integration (+) = signals summed

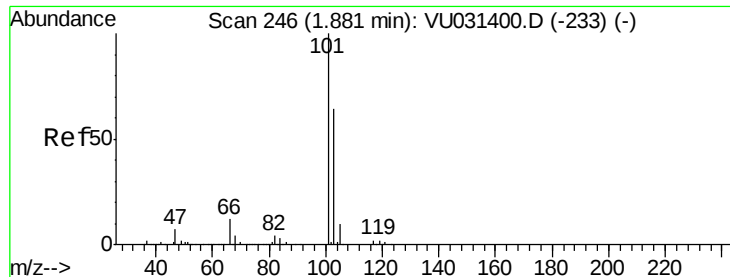
Data File : VU031408.D

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Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.910 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU031408.D

Acq: 22 Apr 2019 22:29

Instrument :

MSVOA_U

ClientSampleId :

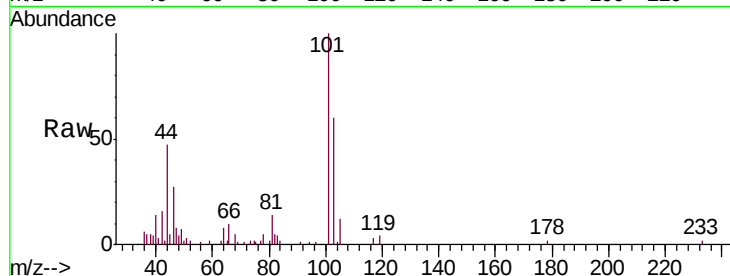
VHBLK01

Tgt Ion:101 Resp: 13115

Ion Ratio Lower Upper

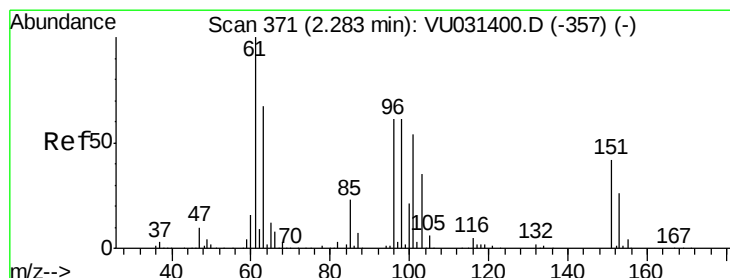
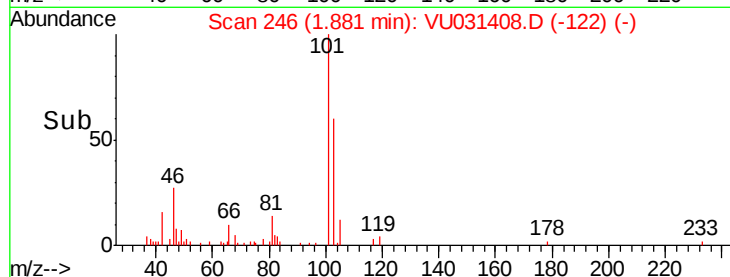
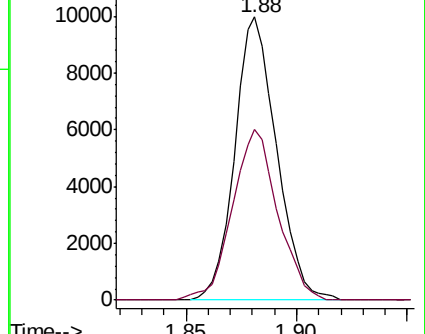
101 100

103 65.2 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.878 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031408.D

Acq: 22 Apr 2019 22:29

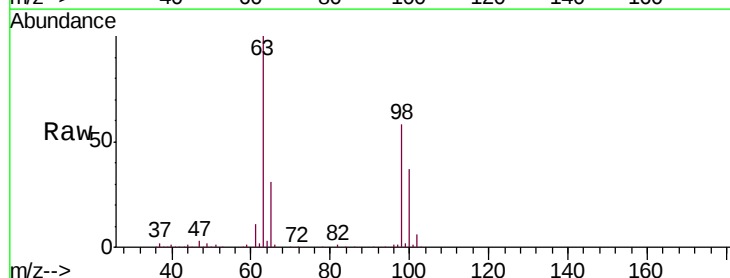
Tgt Ion:101 Resp: 3498

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

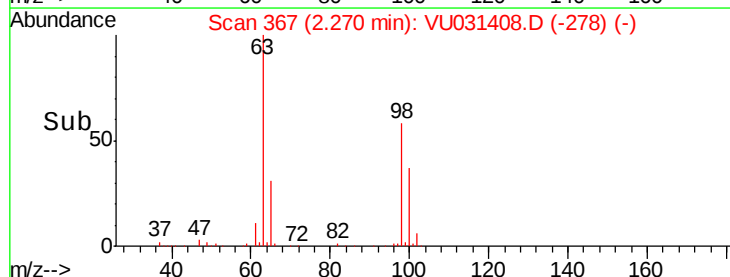
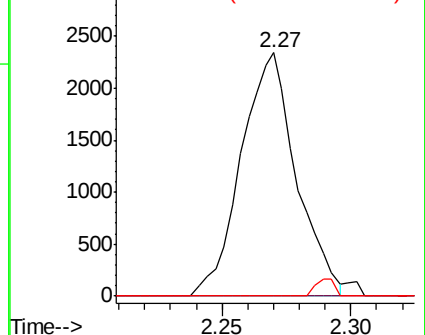
151 0.0 61.4 92.0#

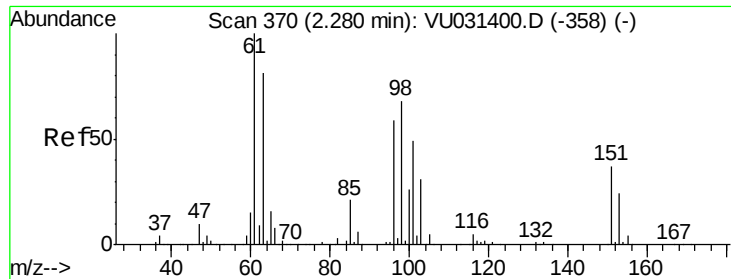


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.765 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031408.D

Acq: 22 Apr 2019 22:29

Instrument :

MSVOA_U

ClientSampled :

VHBLK01

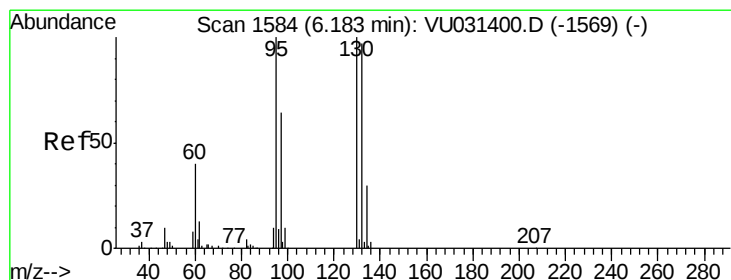
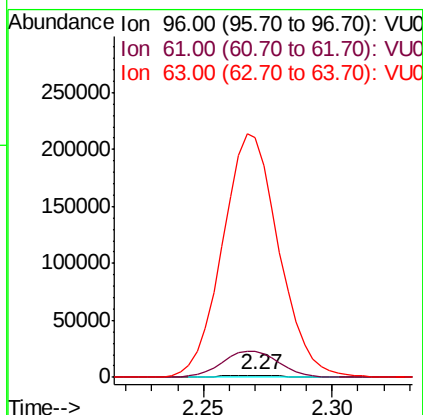
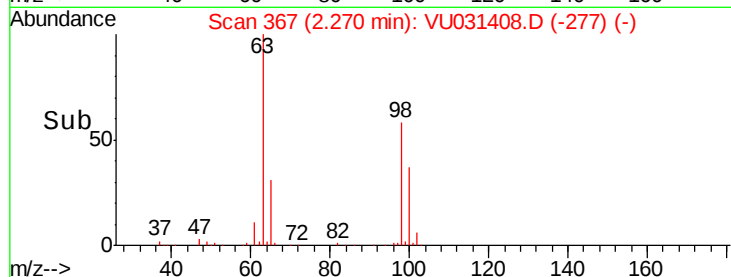
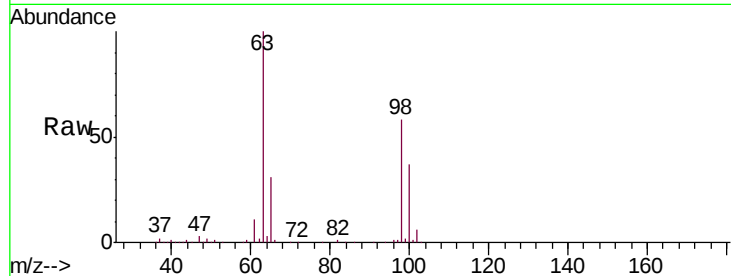
Tgt Ion: 96 Resp: 2998

Ion Ratio Lower Upper

96 100

61 1336.6 118.9 220.9#

63 12254.5 99.3 184.3#



#34

Trichloroethene

Concen: 53.811 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031408.D

Acq: 22 Apr 2019 22:29

Tgt Ion: 95 Resp: 247285

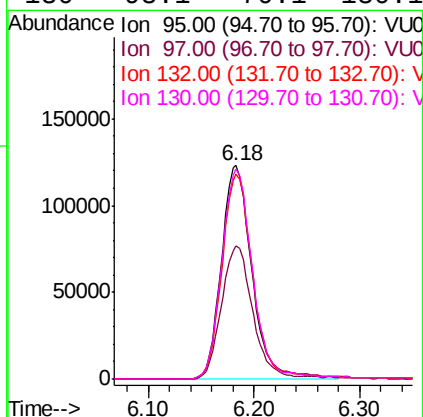
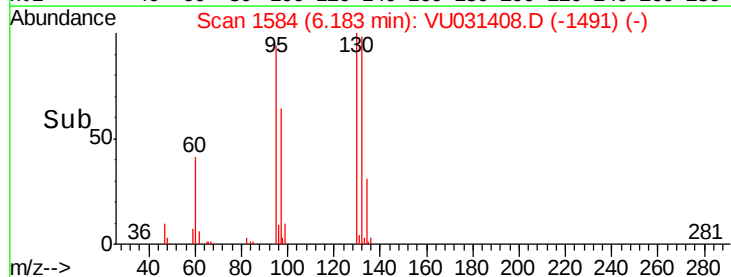
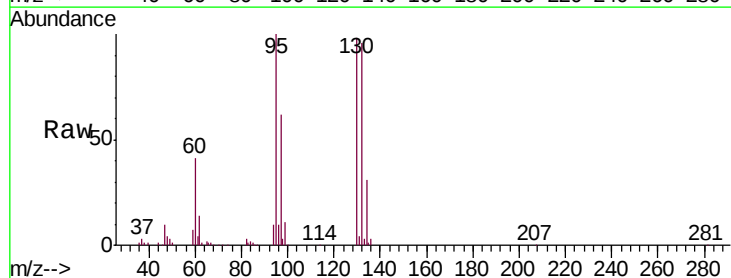
Ion Ratio Lower Upper

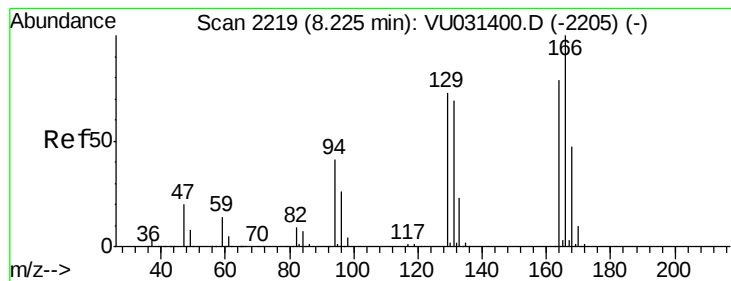
95 100

97 62.4 44.9 83.5

132 95.7 68.0 126.2

130 98.1 70.1 130.1





#46

Tetrachloroethene

Concen: 7.789 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU031408.D

Acq: 22 Apr 2019 22:29

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion:164 Resp: 25385

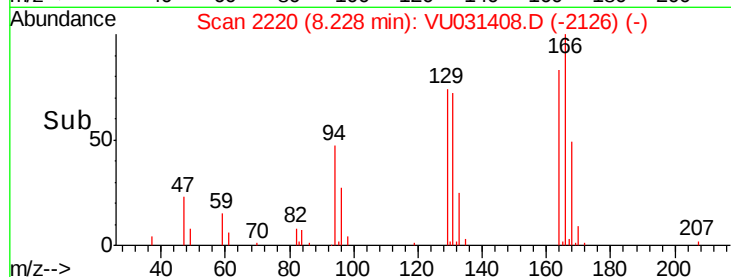
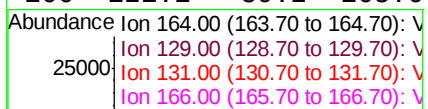
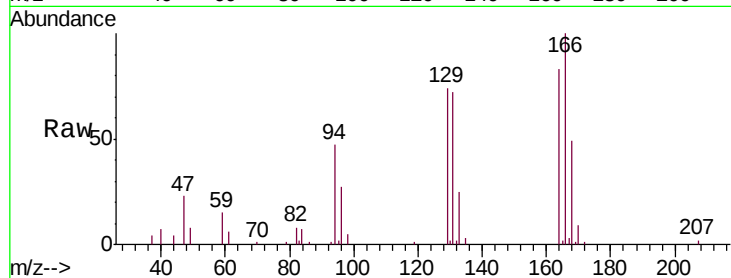
Ion Ratio Lower Upper

164 100

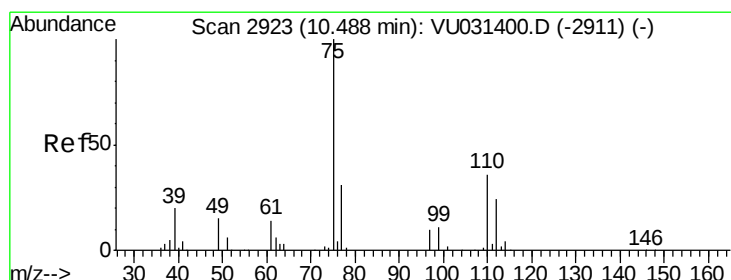
129 89.4 65.2 121.0

131 87.5 61.4 114.0

166 121.1 89.2 165.6



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.658 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031408.D

Acq: 22 Apr 2019 22:29

Tgt Ion: 75 Resp: 26572

Ion Ratio Lower Upper

75 100

77 37.1 25.6 38.4

