

Data File : VU030107.D
Acq On : 15 Mar 2019 13:40
Operator : JC/SP
Sample : K1936-20 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1B5

Quant Time: Mar 16 00:06:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 00:02:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	504658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	492633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237347	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104457	31.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.58%
7) Chloroethane-d5	1.68	69	100540	37.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.62%
11) 1,1-Dichloroethene-d2	2.27	63	161756	26.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.70%#
21) 2-Butanone-d5	4.17	46	268792	107.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.47%
24) Chloroform-d	4.65	84	268668	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
26) 1,2-Dichloroethane-d4	5.31	65	165656	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.34	84	548582	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
36) 1,2-Dichloropropane-d6	6.33	67	183992	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.82%
41) Toluene-d8	7.56	98	491683	41.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.82%
43) trans-1,3-Dichloropropene-	7.85	79	85505	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.31	63	224534	103.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	295575	49.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	225324	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

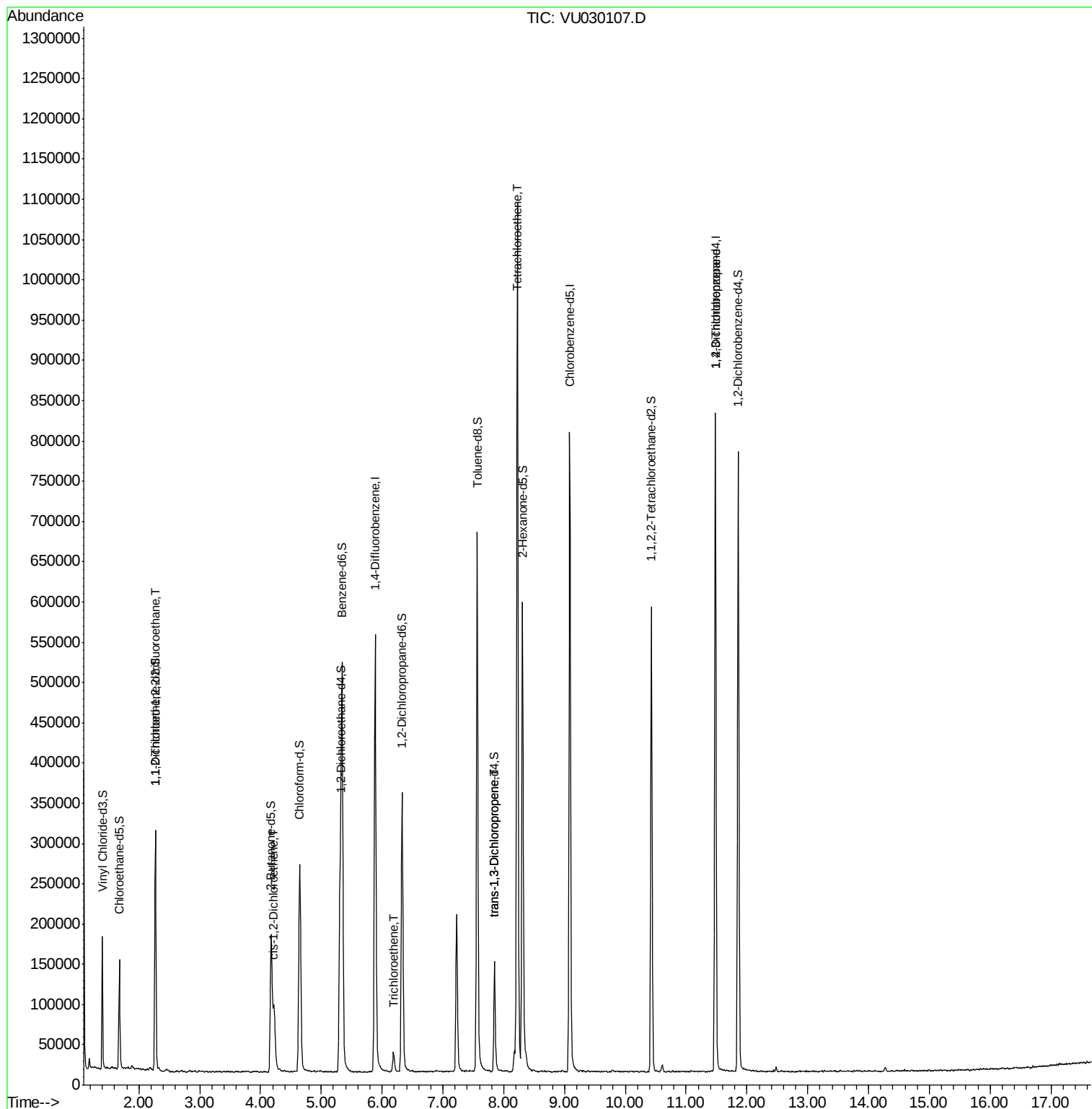
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2060	0.621	ug/L #	21
20) cis-1,2-Dichloroethene	4.23	96	39410	10.050	ug/L	99
34) Trichloroethene	6.19	95	8466	2.291	ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	3171	0.602	ug/L #	77
46) Tetrachloroethene	8.22	164	268314	82.985	ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	24657	5.106	ug/L	91

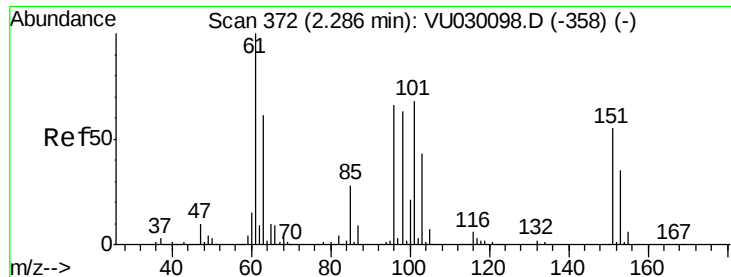
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.621 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030107.D

Acq: 15 Mar 2019 13:40

Instrument :

MSVOA_U

ClientSampleId :

BF1B5

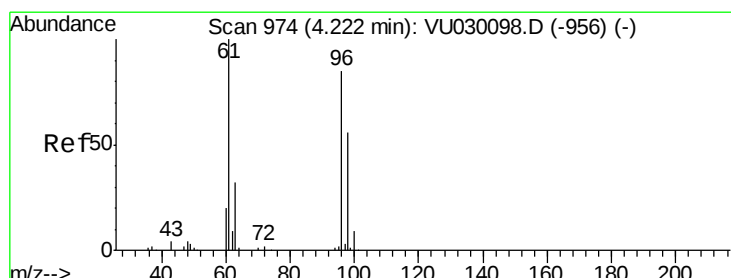
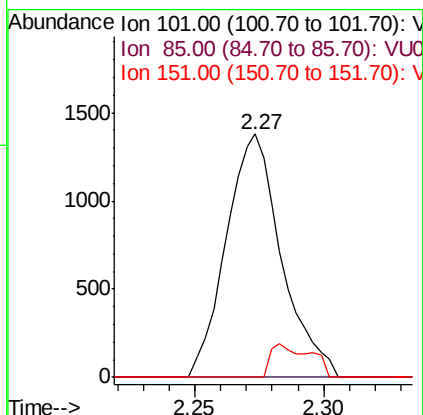
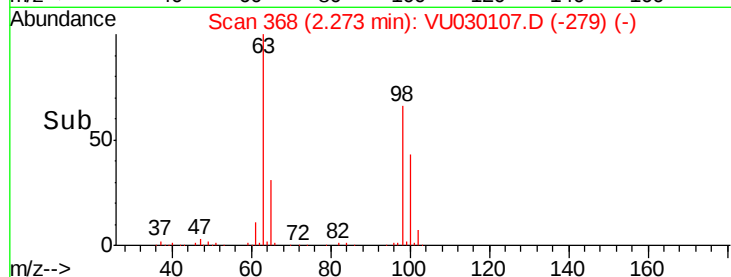
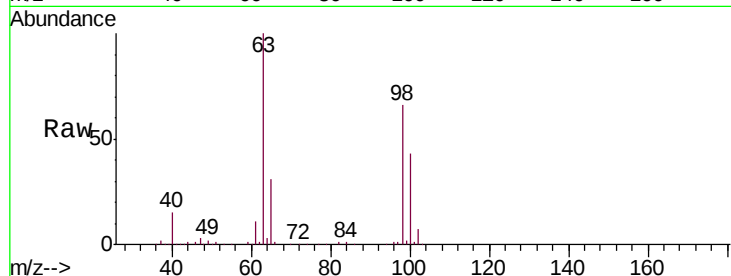
Tgt Ion: 101 Resp: 2060

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

151 6.0 66.1 99.1#



#20

cis-1,2-Dichloroethene

Concen: 10.050 ug/L

RT: 4.23 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU030107.D

Acq: 15 Mar 2019 13:40

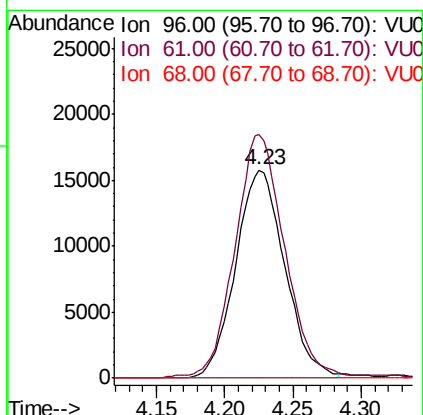
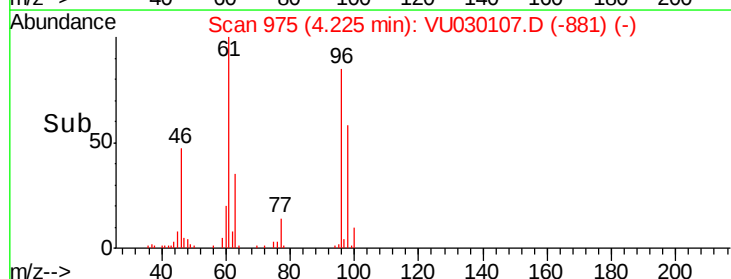
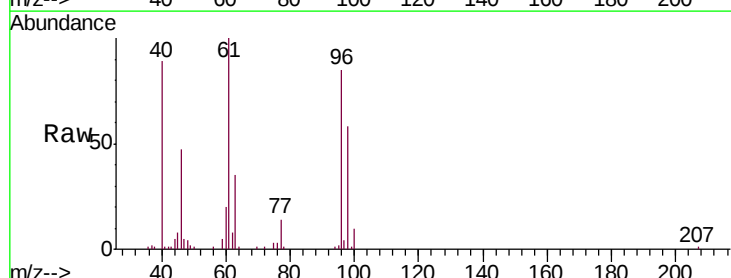
Tgt Ion: 96 Resp: 39410

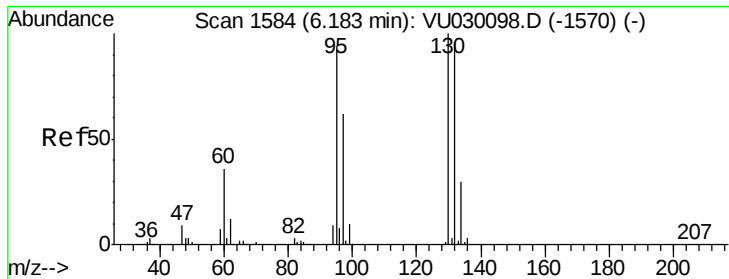
Ion Ratio Lower Upper

96 100

61 117.1 80.8 150.2

68 0.0 0.0 0.0

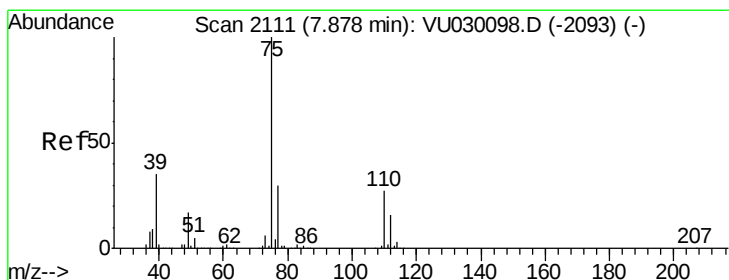
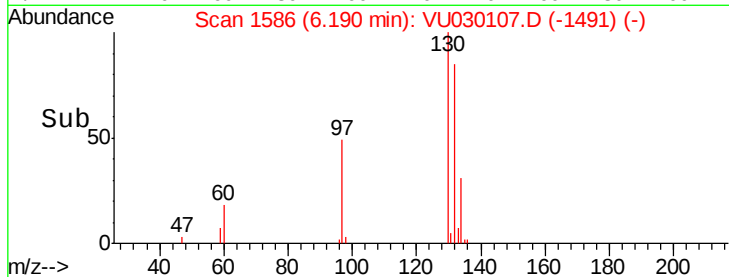
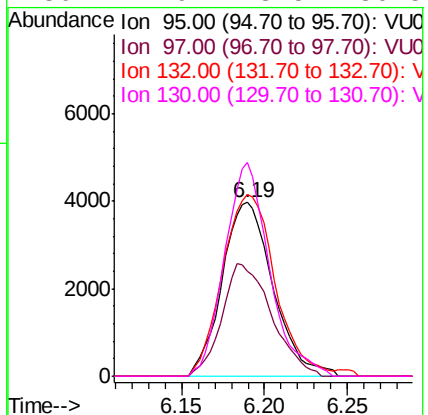
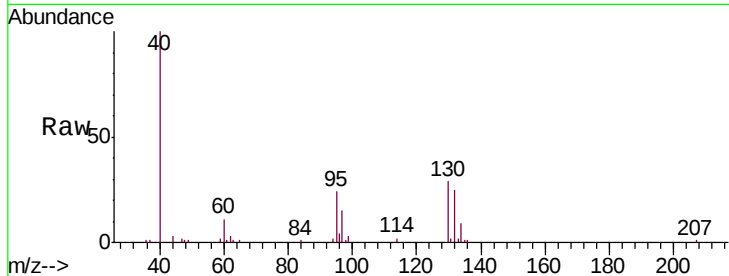




#34
 Trichloroethene
 Concen: 2.291 ug/L
 RT: 6.19 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VU030107.D
 Acq: 15 Mar 2019 13:40

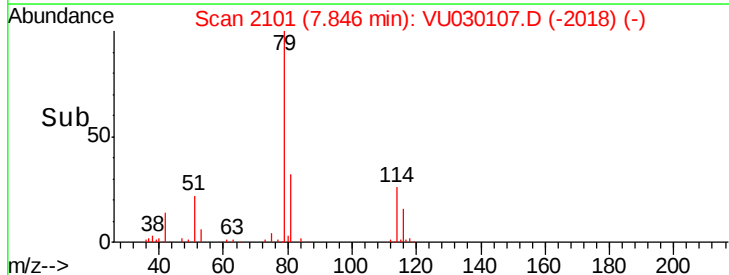
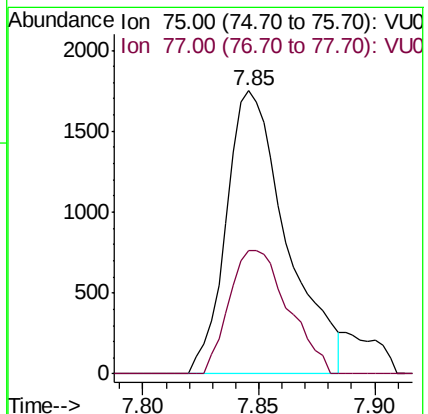
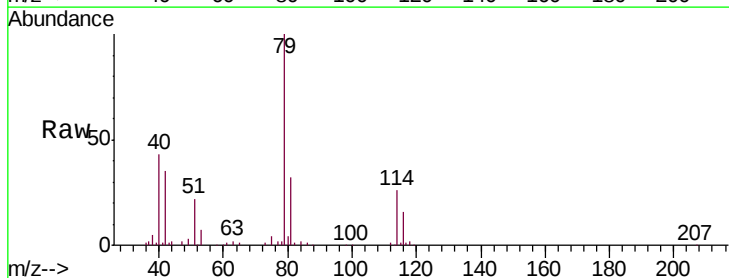
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B5

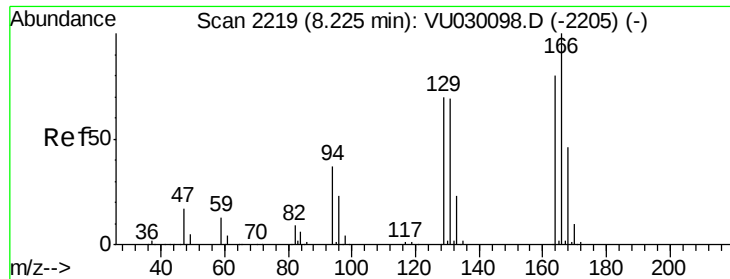
Tgt Ion: 95 Resp: 8466
 Ion Ratio Lower Upper
 95 100
 97 60.6 45.5 84.5
 132 104.2 71.5 132.7
 130 122.9 73.5 136.5



#44
 trans-1,3-Dichloropropene
 Concen: 0.602 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU030107.D
 Acq: 15 Mar 2019 13:40

Tgt Ion: 75 Resp: 3171
 Ion Ratio Lower Upper
 75 100
 77 43.7 21.9 40.7#





#46

Tetrachloroethene

Concen: 82.985 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030107.D

Acq: 15 Mar 2019 13:40

Instrument :

MSVOA_U

ClientSampleId :

BF1B5

Tgt Ion:164 Resp: 268314

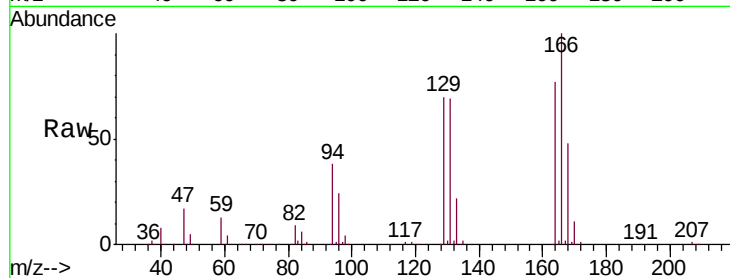
Ion Ratio Lower Upper

164 100

129 91.0 63.3 117.7

131 88.9 62.0 115.2

166 129.3 90.5 168.1

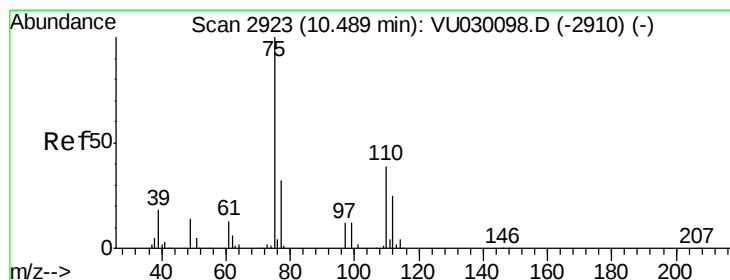
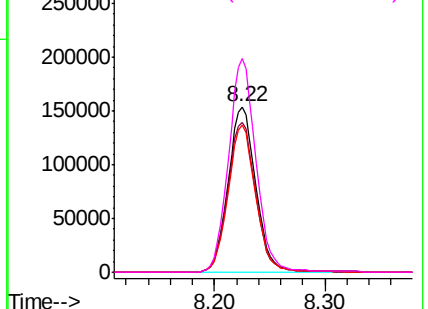
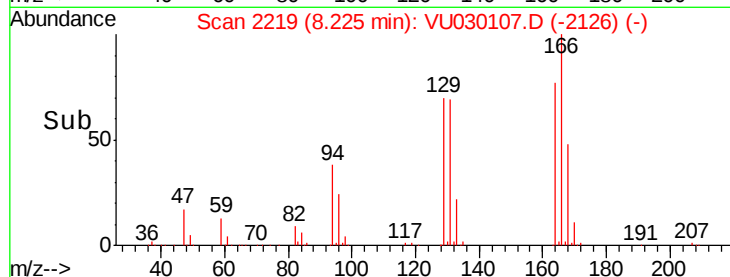


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.106 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030107.D

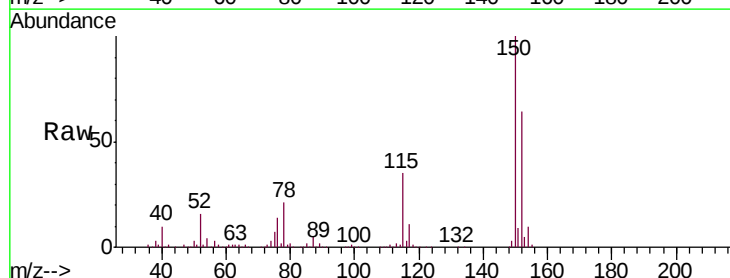
Acq: 15 Mar 2019 13:40

Tgt Ion: 75 Resp: 24657

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

