

Data File : VU030168.D
Acq On : 18 Mar 2019 12:59
Operator : JC/SP
Sample : K1936-21DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1C8DL

Quant Time: Mar 19 02:28:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	506991	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	504775	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236351	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133743	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.76%
7) Chloroethane-d5	1.68	69	120095	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.72%
11) 1,1-Dichloroethene-d2	2.27	63	190047	31.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.80%
21) 2-Butanone-d5	4.17	46	284747	113.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.33%
24) Chloroform-d	4.65	84	282050	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
26) 1,2-Dichloroethane-d4	5.31	65	168207	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
32) Benzene-d6	5.34	84	585212	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
36) 1,2-Dichloropropane-d6	6.33	67	193064	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.56	98	516126	42.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.84%
43) trans-1,3-Dichloropropene-	7.85	79	84936	44.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.18%
47) 2-Hexanone-d5	8.31	63	226872	101.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	304028	49.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	220855	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%

Target Compounds

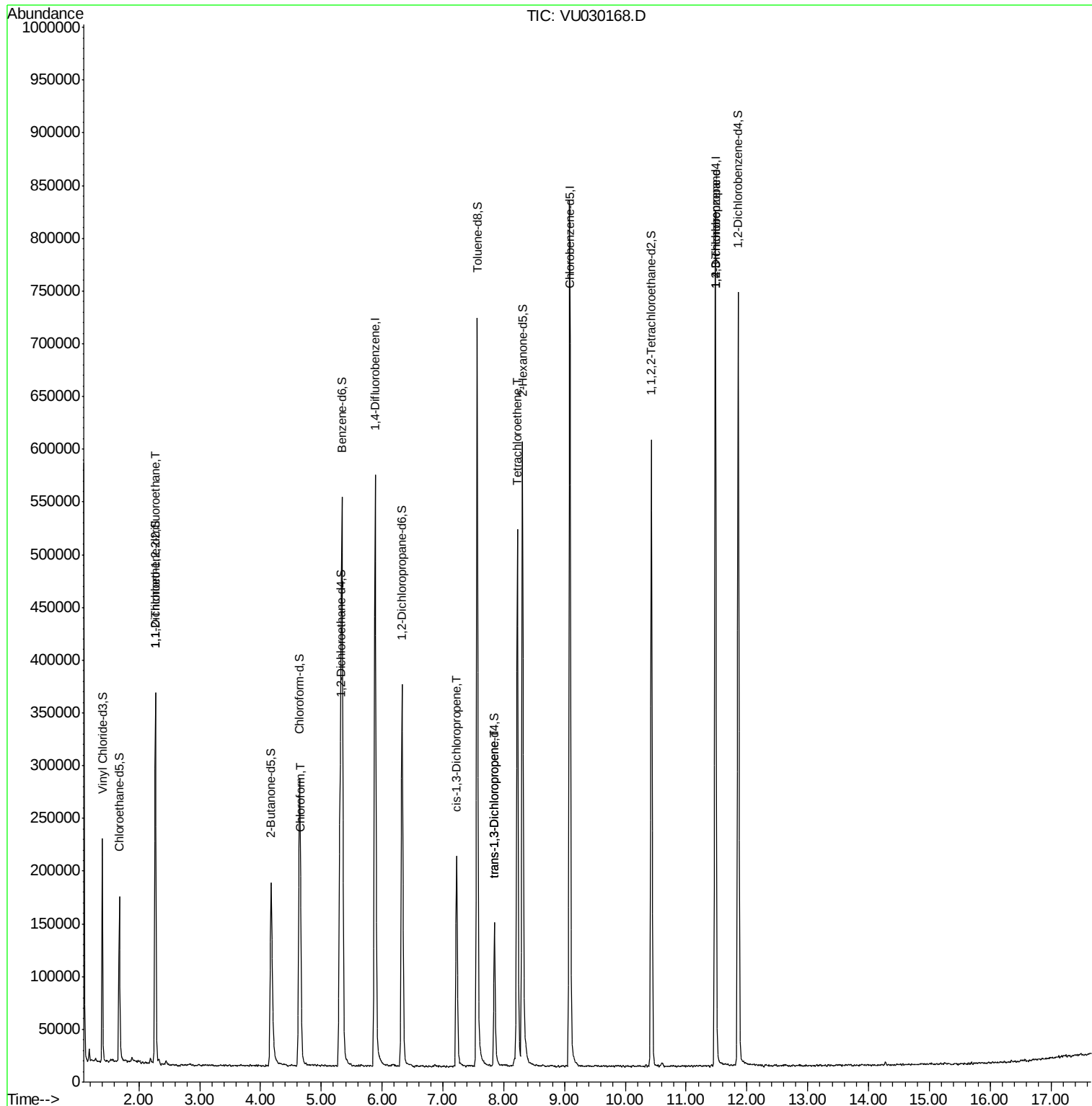
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2013	0.604 ug/L #	21
25) Chloroform	4.67	83	7850	1.259 ug/L	80
39) cis-1,3-Dichloropropene	7.22	75	4521	0.765 ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	3385	0.627 ug/L	90
46) Tetrachloroethene	8.22	164	128909	38.910 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	24738	4.999 ug/L	98

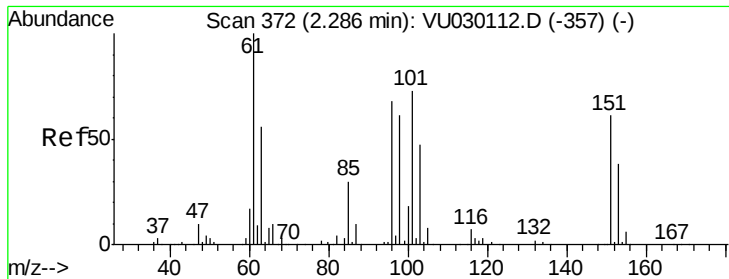
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.604 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030168.D

Acq: 18 Mar 2019 12:59

Instrument :

MSVOA_U

ClientSampleId :

BF1C8DL

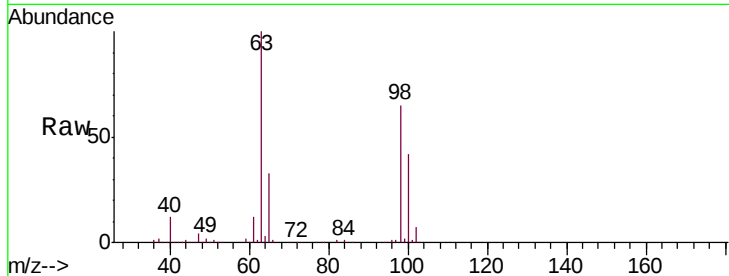
Tgt Ion: 101 Resp: 2013

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

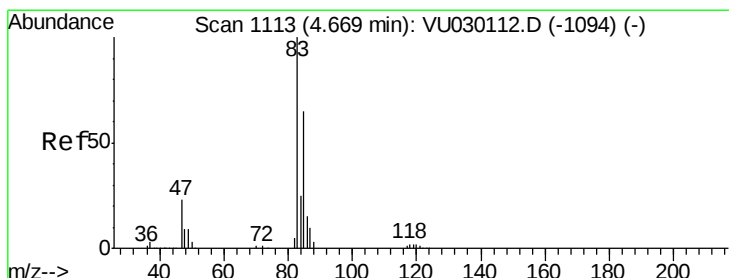
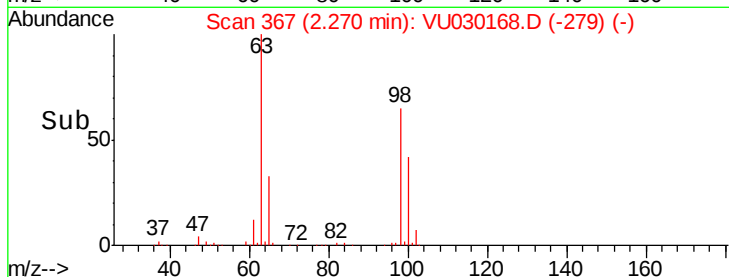
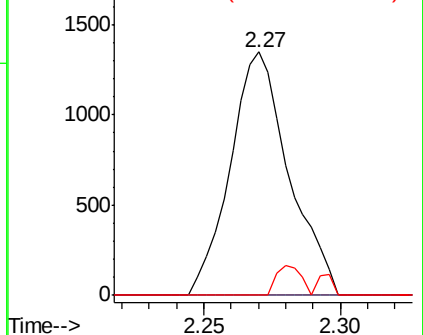
151 5.2 66.1 99.1#



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



#25

Chloroform

Concen: 1.259 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030168.D

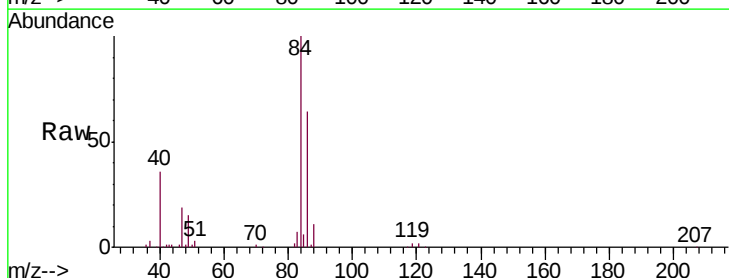
Acq: 18 Mar 2019 12:59

Tgt Ion: 83 Resp: 7850

Ion Ratio Lower Upper

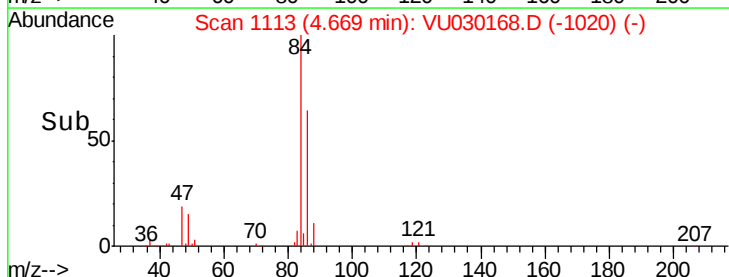
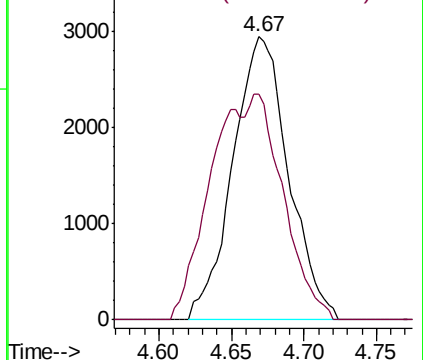
83 100

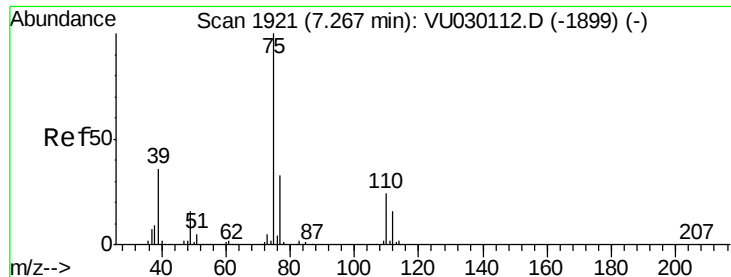
85 79.9 44.9 83.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

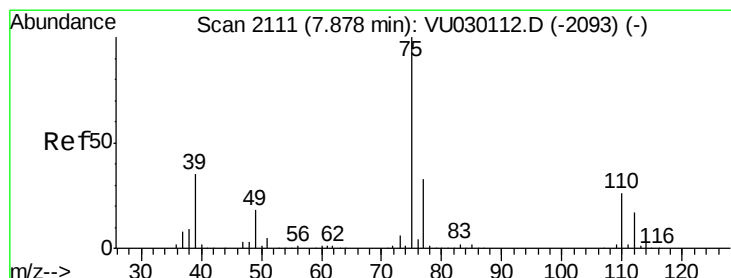
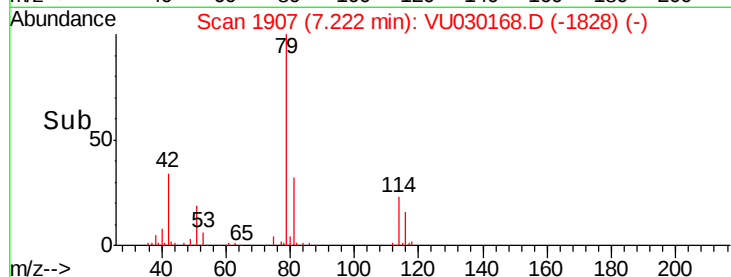
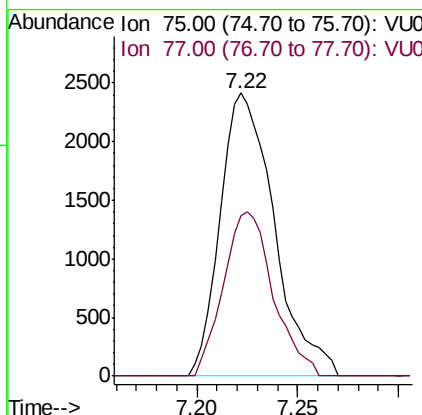
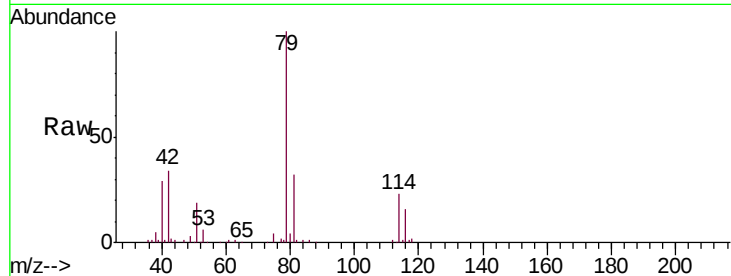




#39
 cis-1,3-Dichloropropene
 Concen: 0.765 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU030168.D
 Acq: 18 Mar 2019 12:59

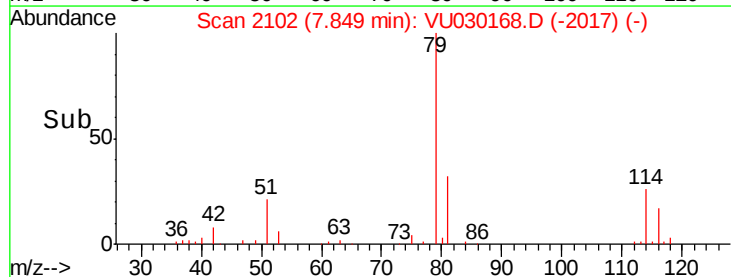
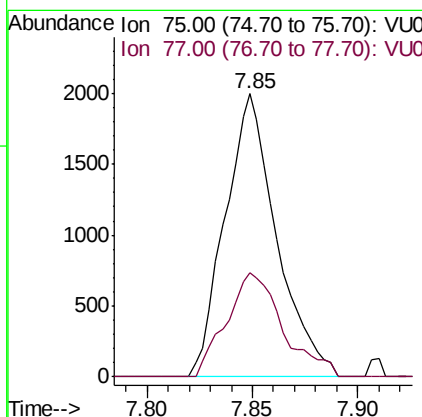
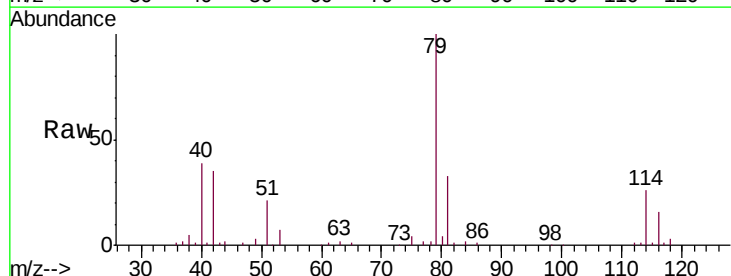
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 ClientSampleId :
 BF1C8DL

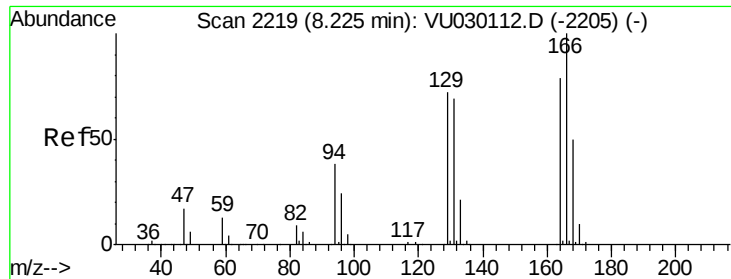
Tgt Ion: 75 Resp: 4521
 Ion Ratio Lower Upper
 75 100
 77 56.7 22.2 41.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.627 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU030168.D
 Acq: 18 Mar 2019 12:59

Tgt Ion: 75 Resp: 3385
 Ion Ratio Lower Upper
 75 100
 77 36.9 21.9 40.7





#46

Tetrachloroethene

Concen: 38.910 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030168.D

Acq: 18 Mar 2019 12:59

Instrument :

MSVOA_U

ClientSampleId :

BF1C8DL

Tgt Ion:164 Resp: 128909

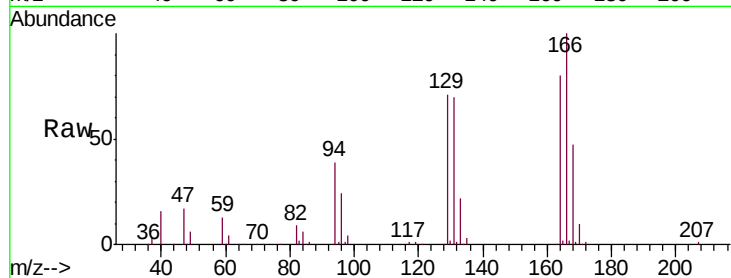
Ion Ratio Lower Upper

164 100

129 88.9 63.3 117.7

131 87.1 62.0 115.2

166 125.1 90.5 168.1

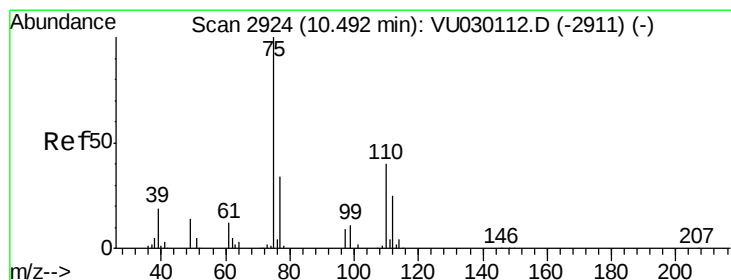
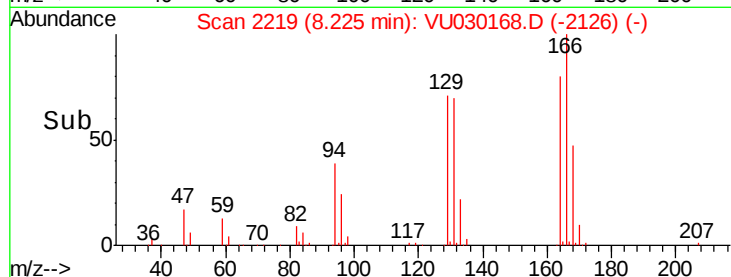
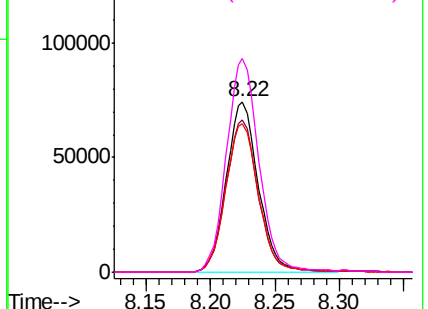


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.999 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030168.D

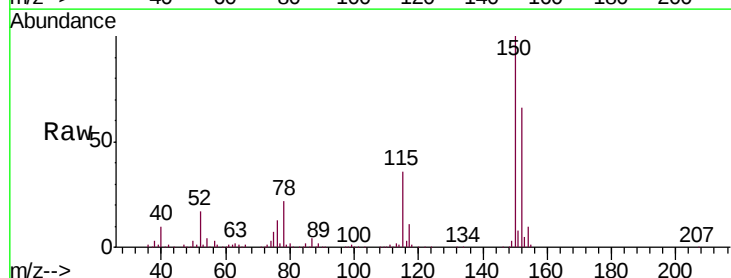
Acq: 18 Mar 2019 12:59

Tgt Ion: 75 Resp: 24738

Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

