

Data File : VU029606.D
Acq On : 22 Feb 2019 09:34
Operator : JC/SP
Sample : K1552-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF5Z2

Quant Time: Feb 22 22:16:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 22 22:13:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	486037	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	467571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228993	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	157413	44.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.40%
7) Chloroethane-d5	1.68	69	139159	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.90%
11) 1,1-Dichloroethene-d2	2.27	63	249000	35.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.54%
21) 2-Butanone-d5	4.17	46	209922	96.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.86%
24) Chloroform-d	4.64	84	280163	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.31	65	181604	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
32) Benzene-d6	5.34	84	607542	51.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.28%
36) 1,2-Dichloropropane-d6	6.33	67	185653	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.90%
41) Toluene-d8	7.56	98	587237	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%
43) trans-1,3-Dichloropropene-	7.85	79	85979	45.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.58%
47) 2-Hexanone-d5	8.31	63	177800	90.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	273311	45.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	242848	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%

Target Compounds

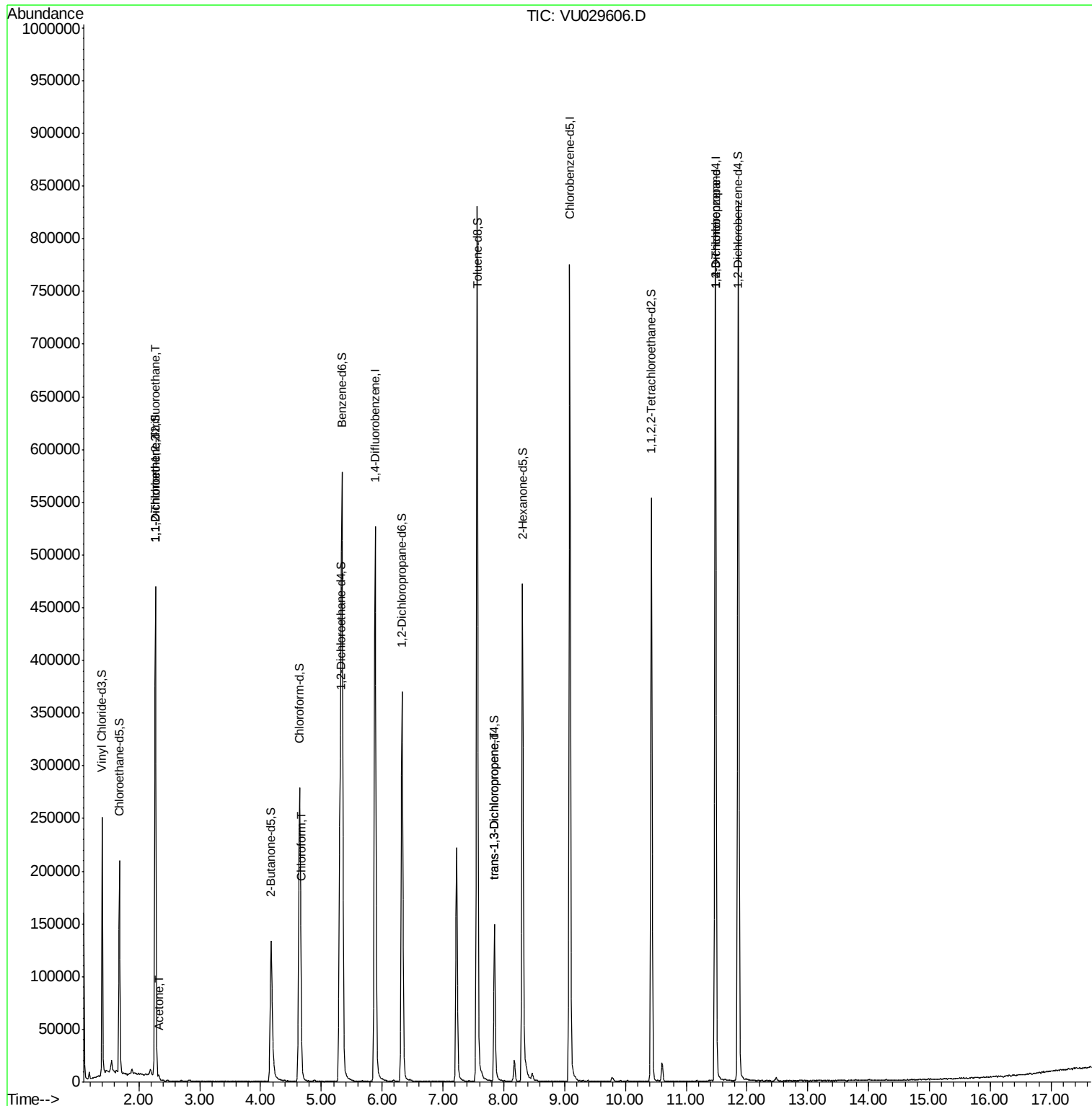
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2377	0.702 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2319	0.720 ug/L #	1
13) Acetone	2.32	43	1522	0.657 ug/L	79
25) Chloroform	4.67	83	6315	1.102 ug/L	82
44) trans-1,3-Dichloropropene	7.85	75	3795	0.793 ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	22798	5.081 ug/L	94

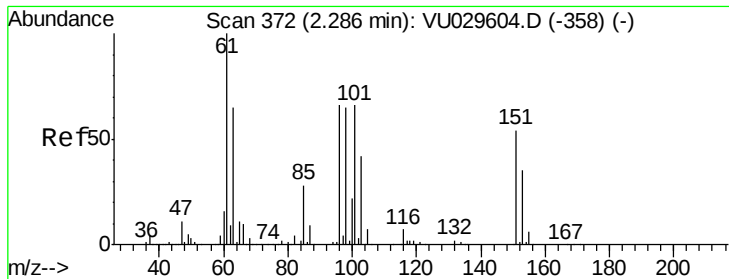
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.702 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

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Acq: 22 Feb 2019 09:34

Instrument :

MSVOA_U

ClientSampleId :

BF5Z2

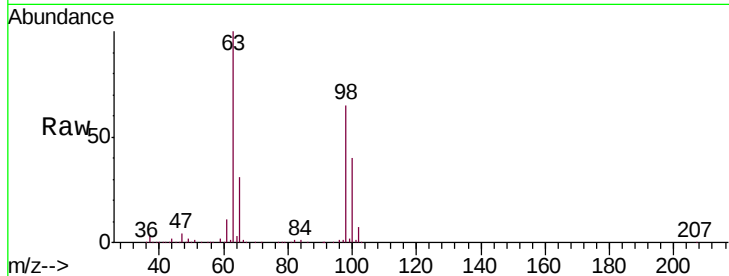
Tgt Ion: 101 Resp: 2377

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

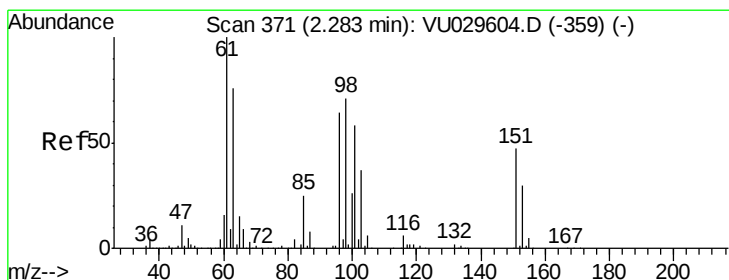
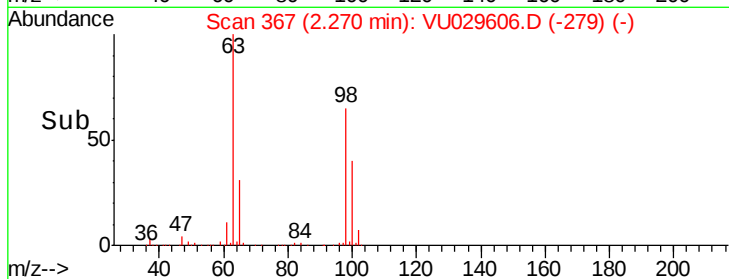
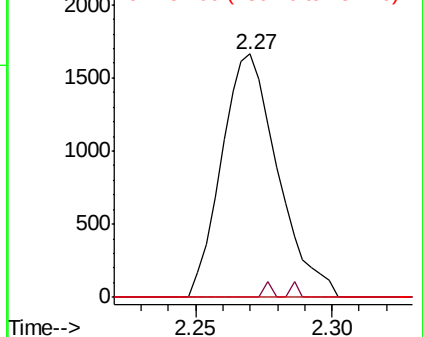
151 0.0 65.7 98.5#



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: 0.720 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029606.D

Acq: 22 Feb 2019 09:34

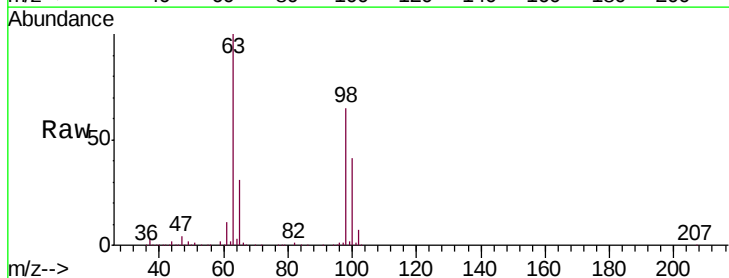
Tgt Ion: 96 Resp: 2319

Ion Ratio Lower Upper

96 100

61 1192.4 114.0 211.8#

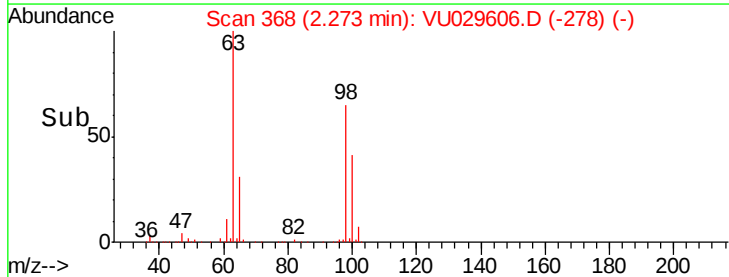
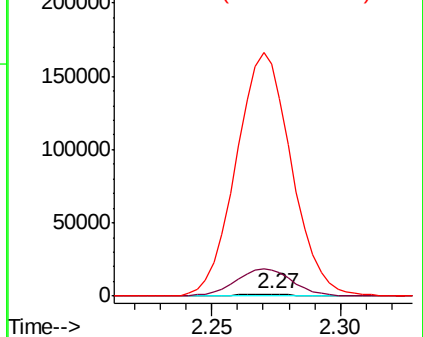
63 10404.7 98.7 183.3#

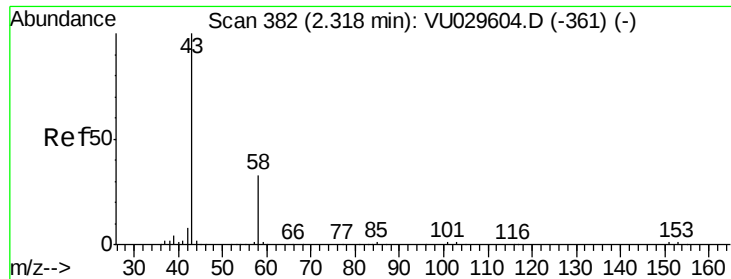


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.657 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

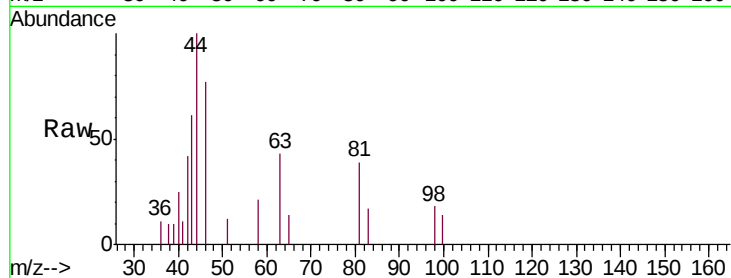
BF5Z2

Tgt Ion: 43 Resp: 1522

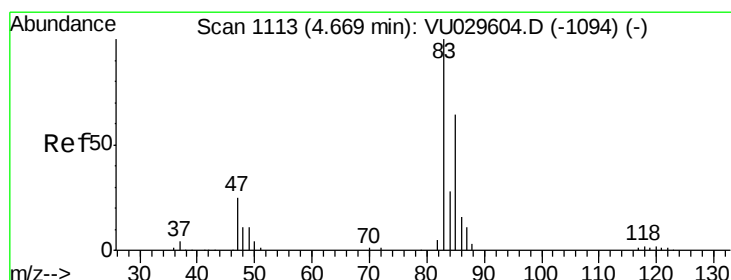
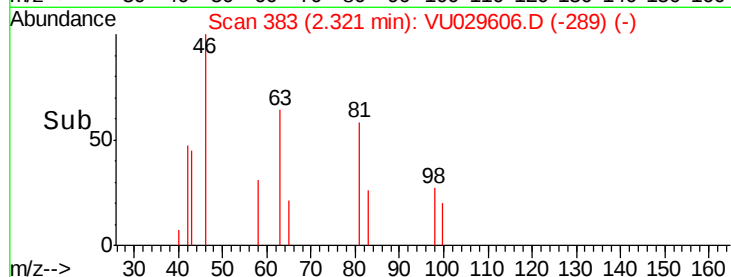
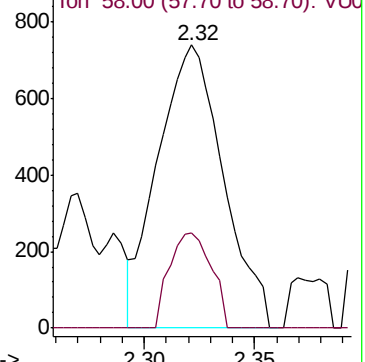
Ion Ratio Lower Upper

43 100

58 21.4 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU029604.D (-361) (-)



#25

Chloroform

Concen: 1.102 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029606.D

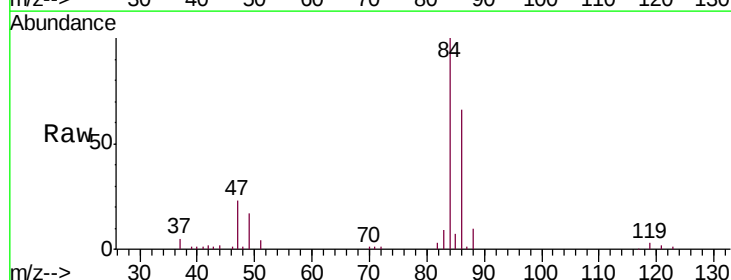
Acq: 22 Feb 2019 09:34

Tgt Ion: 83 Resp: 6315

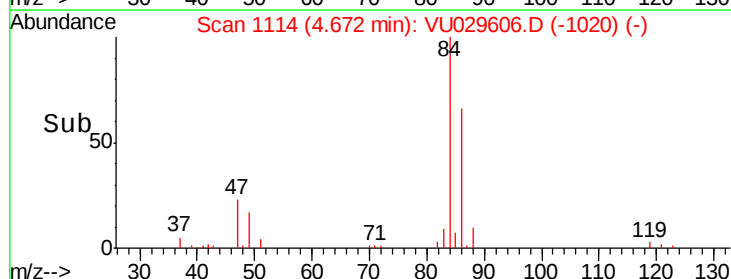
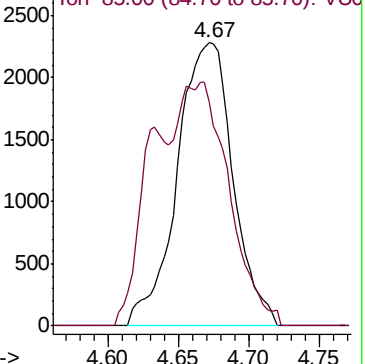
Ion Ratio Lower Upper

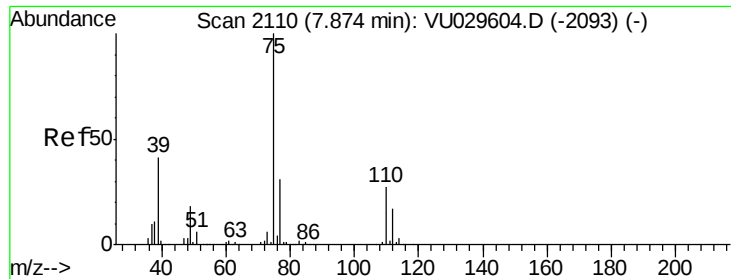
83 100

85 79.0 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU029604.D (-1094) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.793 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029606.D

Acq: 22 Feb 2019 09:34

Instrument :

MSVOA_U

ClientSampleId :

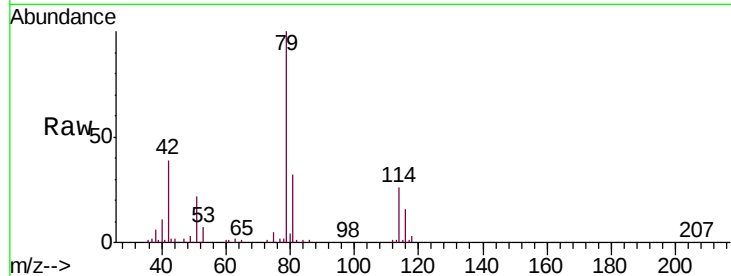
BF5Z2

Tgt Ion: 75 Resp: 3795

Ion Ratio Lower Upper

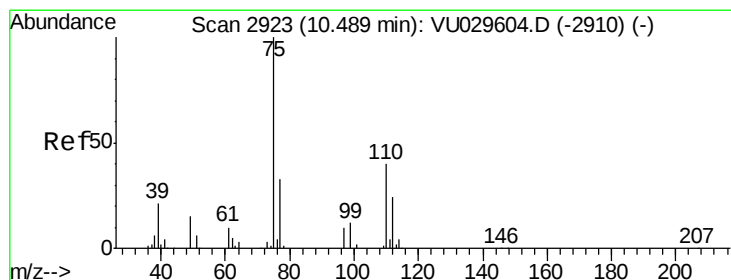
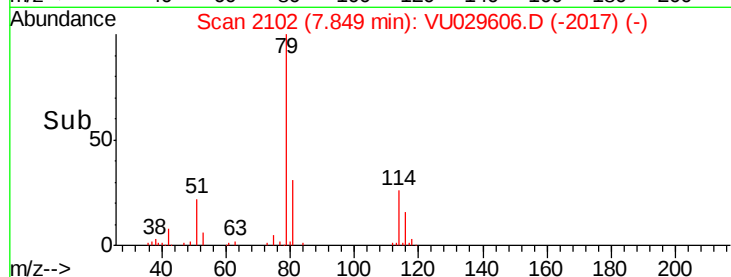
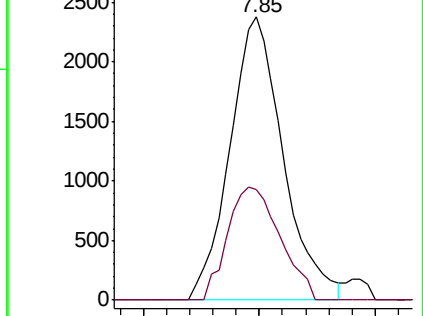
75 100

77 38.9 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.081 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029606.D

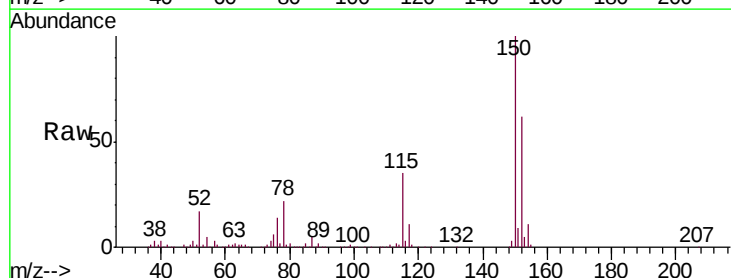
Acq: 22 Feb 2019 09:34

Tgt Ion: 75 Resp: 22798

Ion Ratio Lower Upper

75 100

77 35.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

