

Data File : VU029664.D
Acq On : 25 Feb 2019 17:36
Operator : JC/SP
Sample : K1600-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF7Z0

Quant Time: Feb 26 00:17:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	479225	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455688	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221699	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136227	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.58%
7) Chloroethane-d5	1.68	69	120203	38.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.27	63	198888	28.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.94%#
21) 2-Butanone-d5	4.18	46	201070	94.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.09%
24) Chloroform-d	4.65	84	241392	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
26) 1,2-Dichloroethane-d4	5.31	65	162919	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
32) Benzene-d6	5.34	84	545832	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.33	67	168057	48.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.44%
41) Toluene-d8	7.56	98	512995	43.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.68%
43) trans-1,3-Dichloropropene-	7.85	79	77937	42.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.18%
47) 2-Hexanone-d5	8.31	63	154849	80.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	253579	43.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	216061	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%

Target Compounds

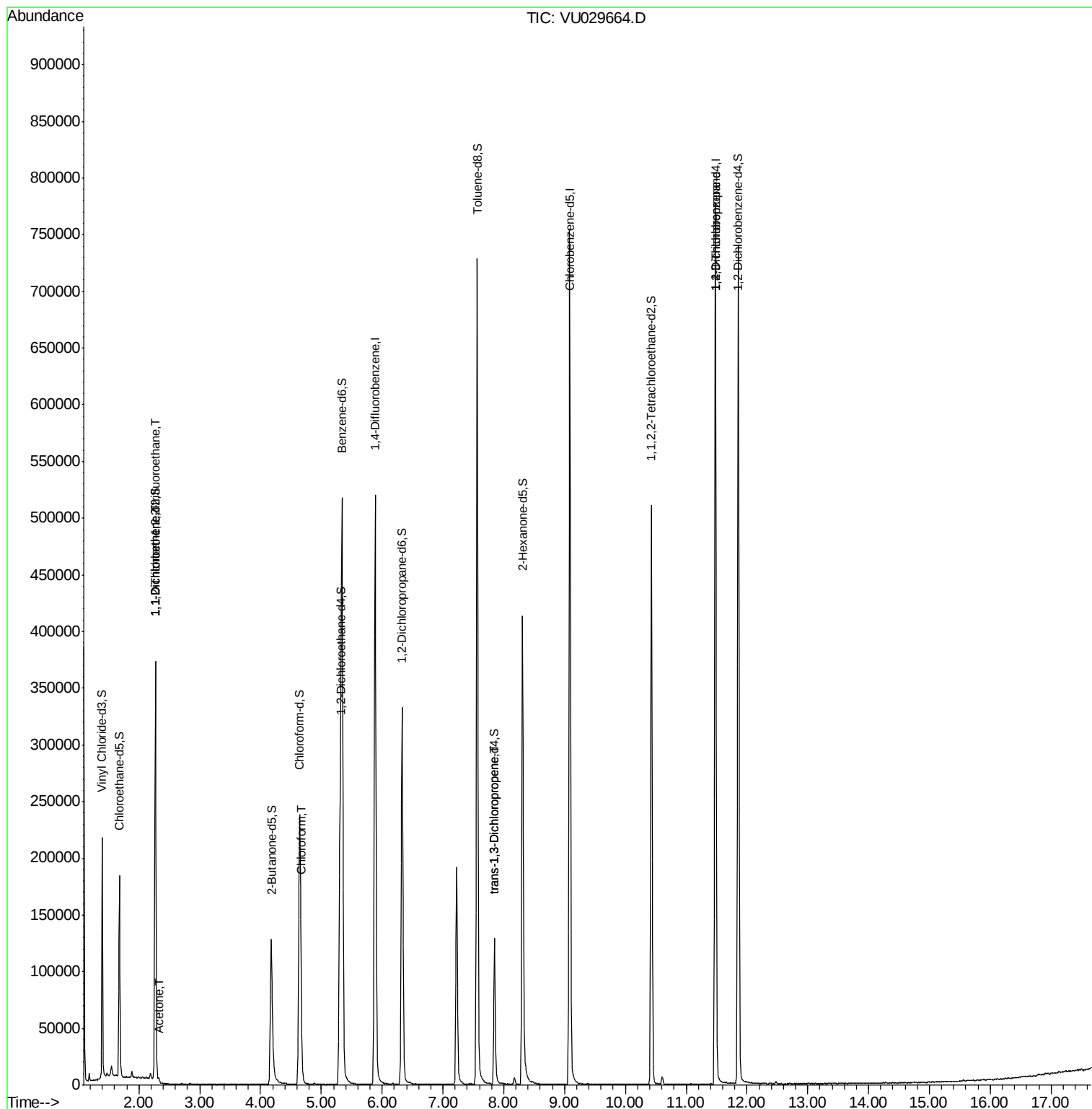
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2155	0.646 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	1977	0.623 ug/L #	1
13) Acetone	2.32	43	2358	1.033 ug/L	81
25) Chloroform	4.67	83	15915	2.816 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3043	0.653 ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	23183	5.302 ug/L	93

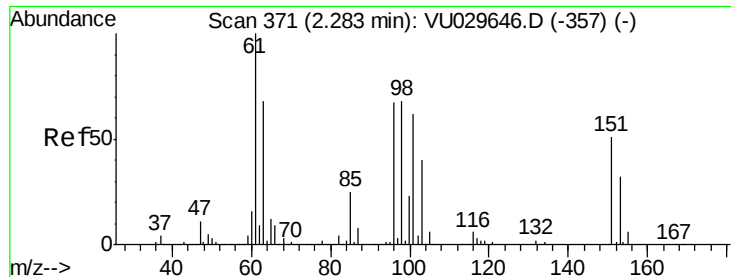
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 26 00:12:24 2019
Response via : Initial Calibration





#10

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

Concen: 0.646 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029664.D

Acq: 25 Feb 2019 17:36

Instrument :

MSVOA_U

ClientSampleId :

BF7Z0

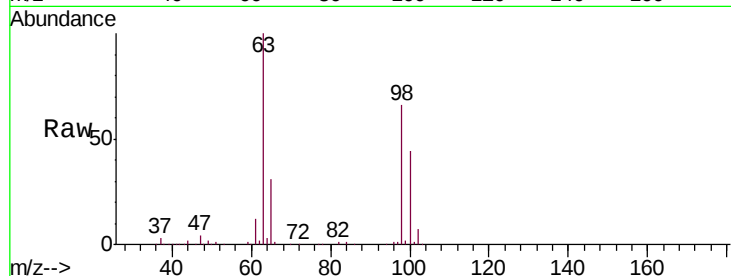
Tgt Ion: 101 Resp: 2155

Ion Ratio Lower Upper

101 100

85 3.2 33.0 49.6#

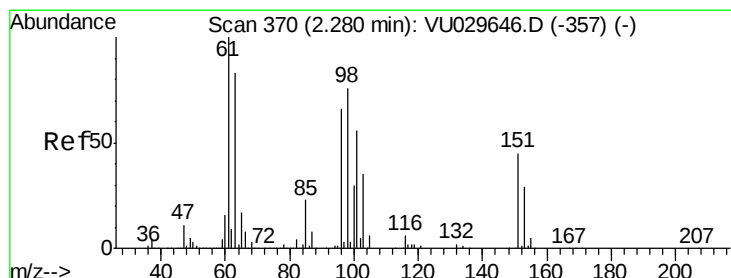
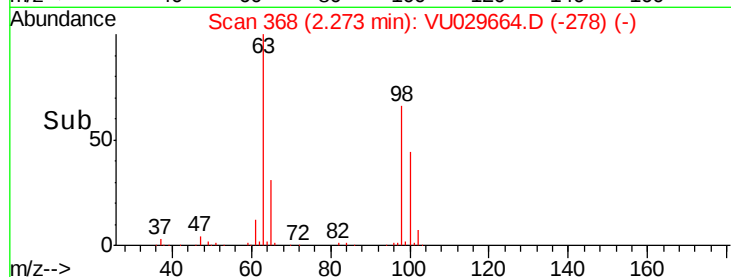
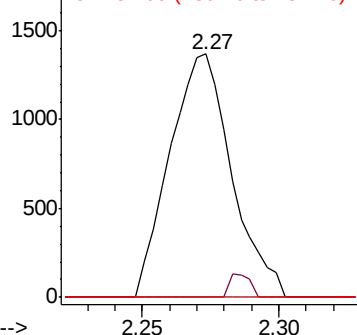
151 0.0 65.7 98.5#



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: 0.623 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029664.D

Acq: 25 Feb 2019 17:36

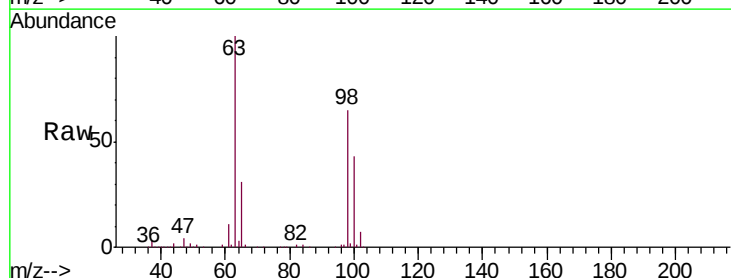
Tgt Ion: 96 Resp: 1977

Ion Ratio Lower Upper

96 100

61 1152.7 114.0 211.8#

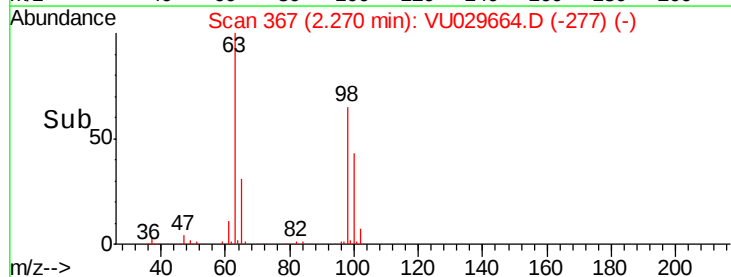
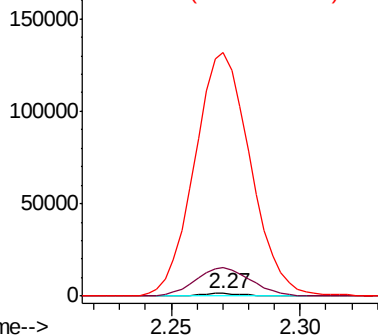
63 10034.1 98.7 183.3#

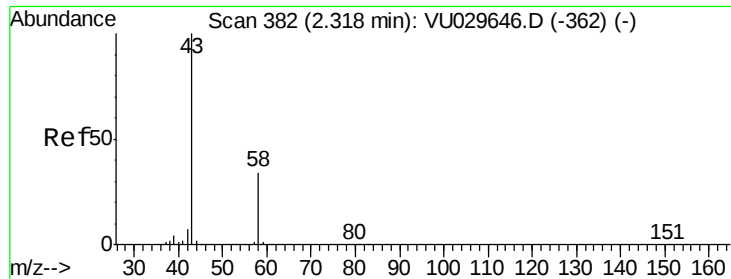


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.033 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Acq: 25 Feb 2019 17:36

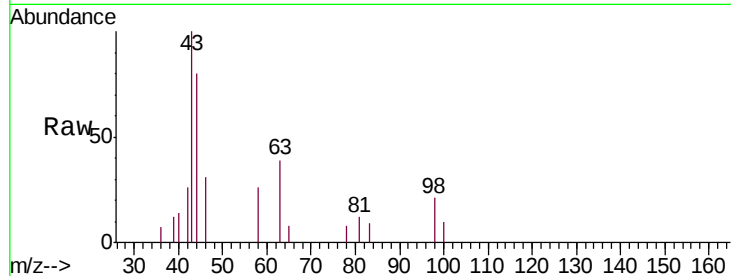
Instrument :
MSVOA_U
ClientSampled :
BF7Z0

Tgt Ion: 43 Resp: 2358

Ion Ratio Lower Upper

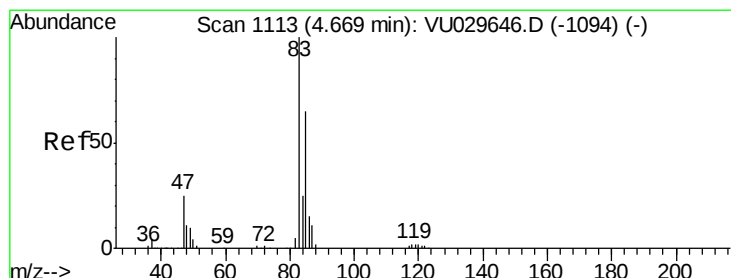
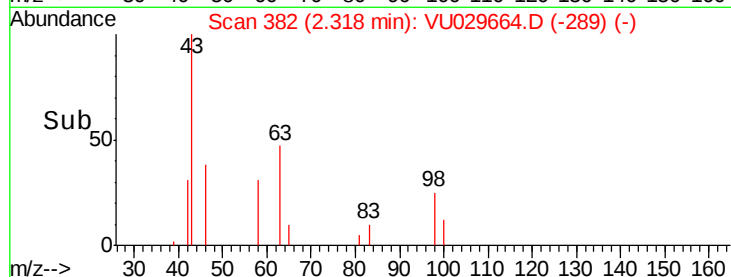
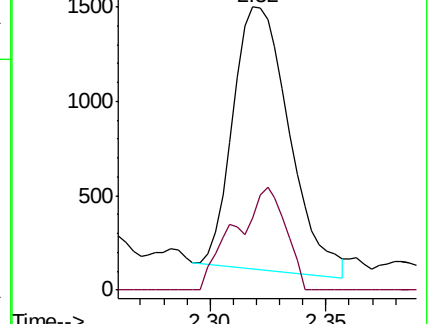
43 100

58 22.5 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 2.816 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029664.D

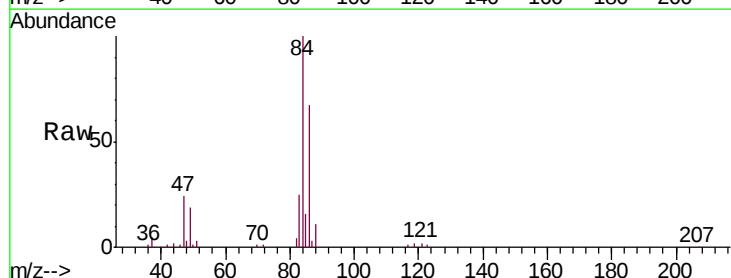
Acq: 25 Feb 2019 17:36

Tgt Ion: 83 Resp: 15915

Ion Ratio Lower Upper

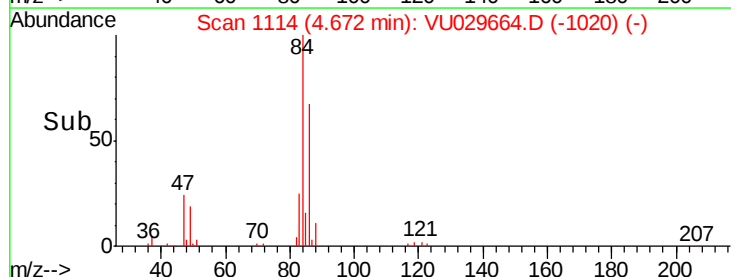
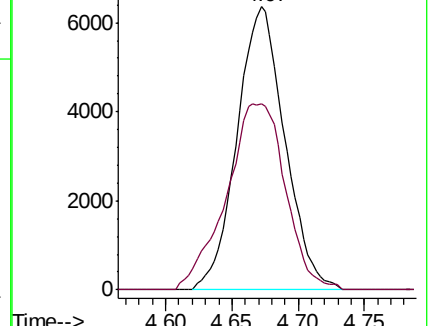
83 100

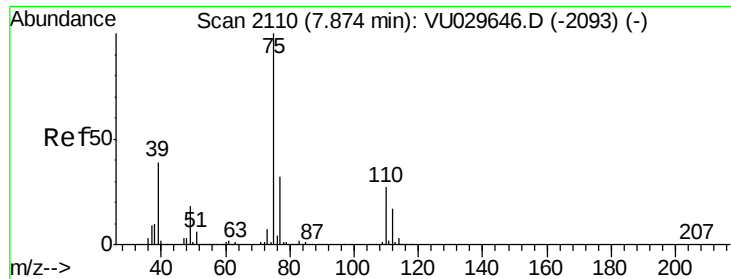
85 65.7 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.653 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029664.D

Acq: 25 Feb 2019 17:36

Instrument :

MSVOA_U

ClientSampleId :

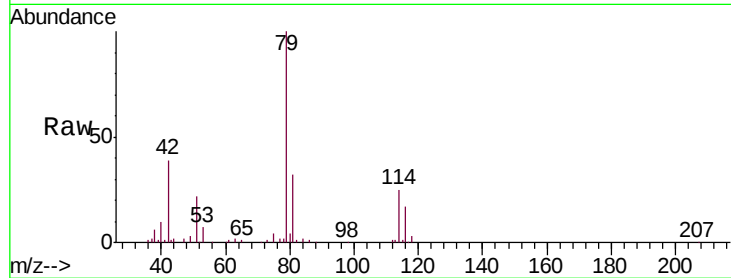
BF7Z0

Tgt Ion: 75 Resp: 3043

Ion Ratio Lower Upper

75 100

77 38.1 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

7.85

1500

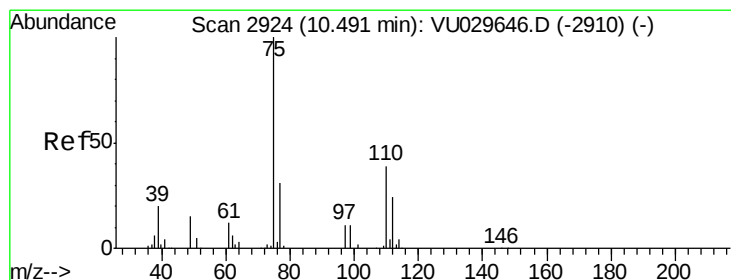
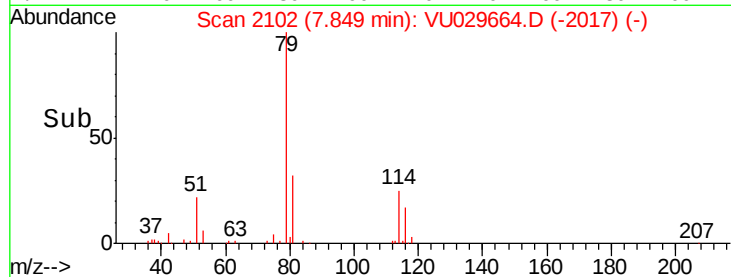
1000

500

0

7.80 7.85 7.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.302 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029664.D

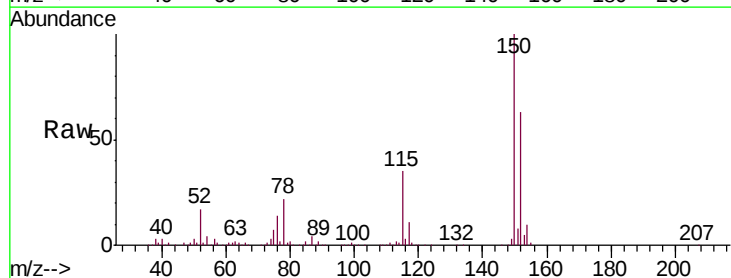
Acq: 25 Feb 2019 17:36

Tgt Ion: 75 Resp: 23183

Ion Ratio Lower Upper

75 100

77 35.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

15000

10000

5000

0

11.45 11.50 11.55

Time-->

