

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031119\
 Data File : VU029896.D
 Acq On : 08 Mar 2019 18:33
 Operator : JC/SP
 Sample : K1796-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF5Q0

Quant Time: Mar 08 22:19:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	469783	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	455343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	211512	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	124516	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.34%
7) Chloroethane-d5	1.68	69	112260	36.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.36%
11) 1,1-Dichloroethene-d2	2.27	63	179343	26.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.30%#
21) 2-Butanone-d5	4.17	46	215591	102.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.91%
24) Chloroform-d	4.64	84	260995	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
26) 1,2-Dichloroethane-d4	5.31	65	164087	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
32) Benzene-d6	5.34	84	557549	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.32%
36) 1,2-Dichloropropane-d6	6.33	67	177232	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.82%
41) Toluene-d8	7.56	98	503793	43.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.18%
43) trans-1,3-Dichloropropene-	7.85	79	76703	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.90%
47) 2-Hexanone-d5	8.31	63	175626	91.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	270399	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	213211	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%

Target Compounds

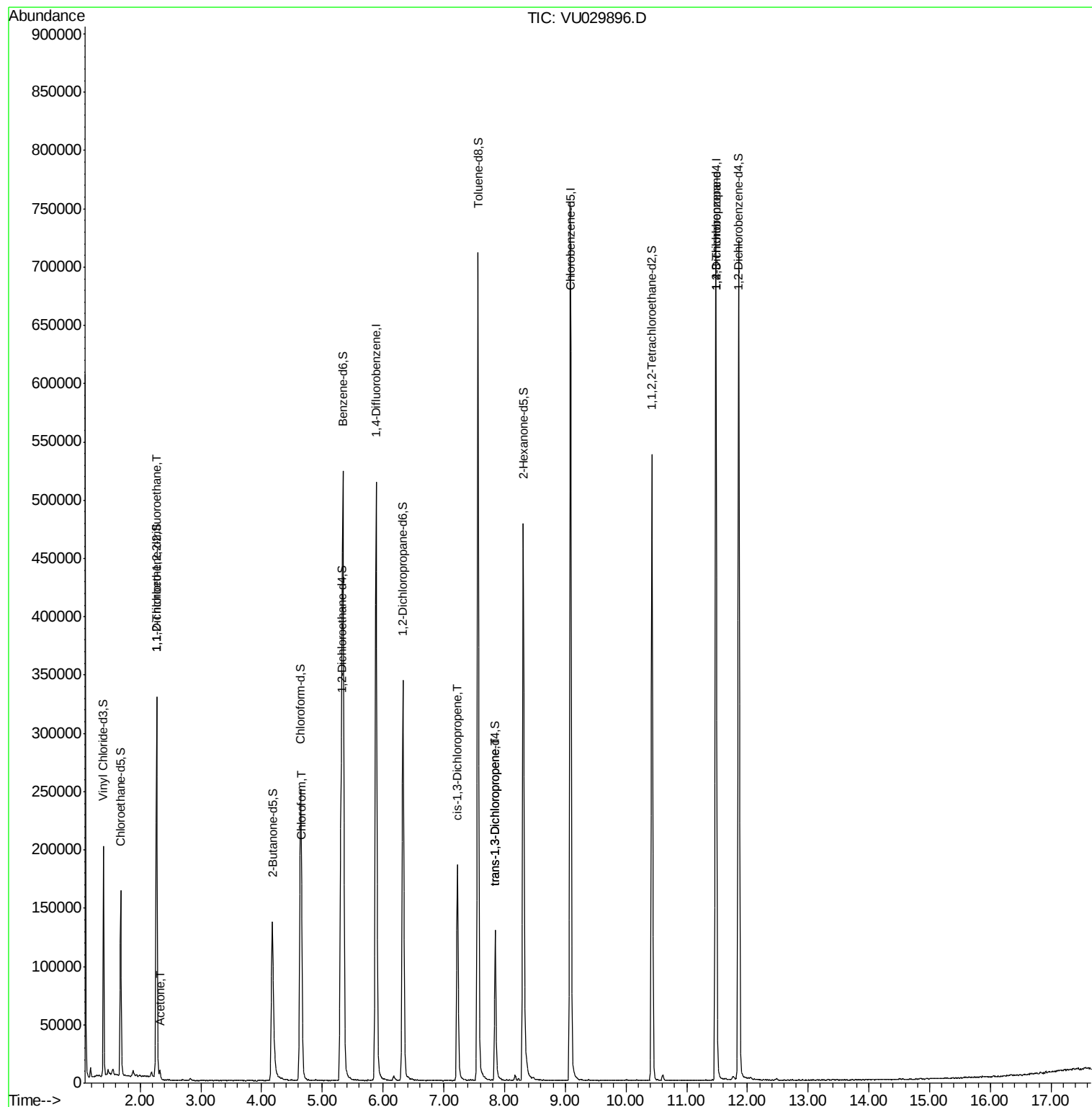
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1904	0.582 ug/L #	21
13) Acetone	2.32	43	5320	2.377 ug/L	89
25) Chloroform	4.67	83	4456	0.804 ug/L #	72
39) cis-1,3-Dichloropropene	7.22	75	4247	0.859 ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	3205	0.688 ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	21313	4.878 ug/L	92

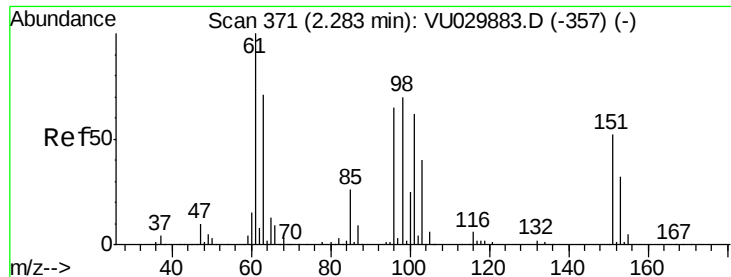
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 08 22:13:16 2019
Response via : Initial Calibration





#10

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

Concen: 0.582 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU029896.D

Acq: 08 Mar 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

BF5Q0

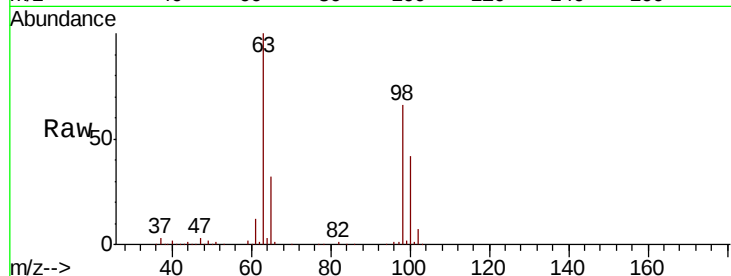
Tgt Ion: 101 Resp: 1904

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

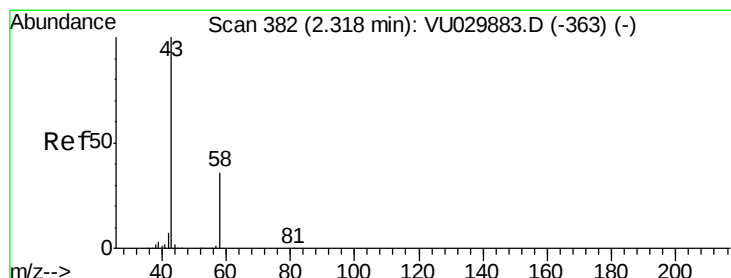
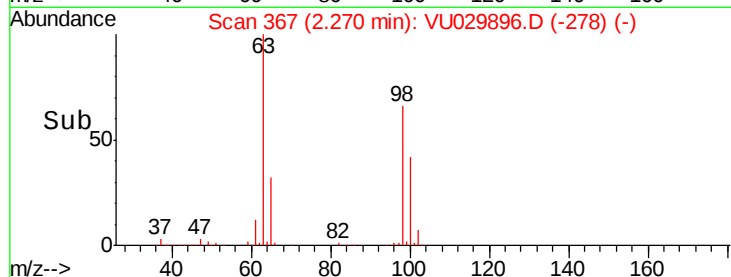
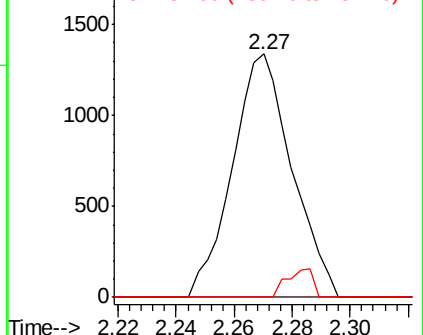
151 5.2 65.7 98.5#



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



#13

Acetone

Concen: 2.377 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU029896.D

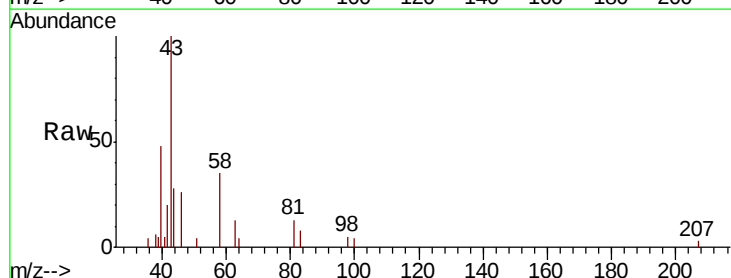
Acq: 08 Mar 2019 18:33

Tgt Ion: 43 Resp: 5320

Ion Ratio Lower Upper

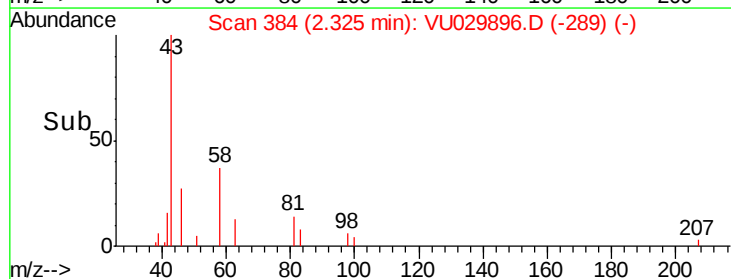
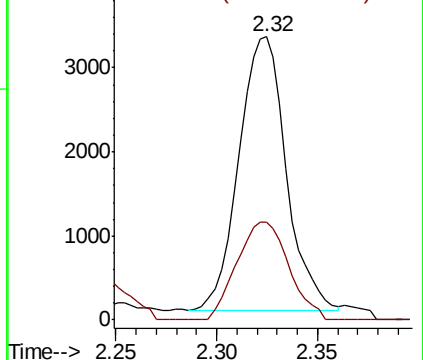
43 100

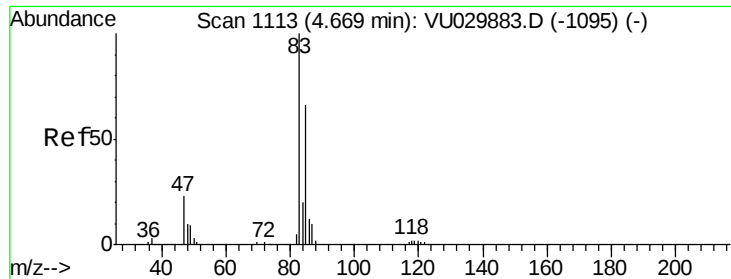
58 39.4 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#25

Chloroform

Concen: 0.804 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU029896.D

Acq: 08 Mar 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

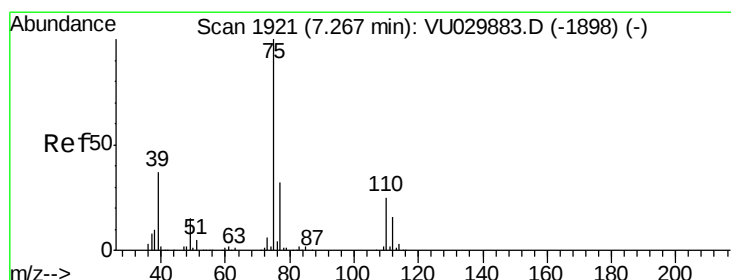
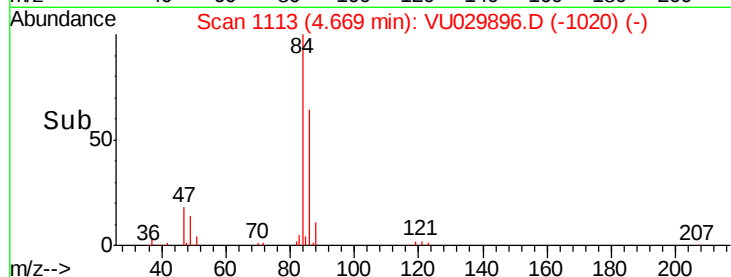
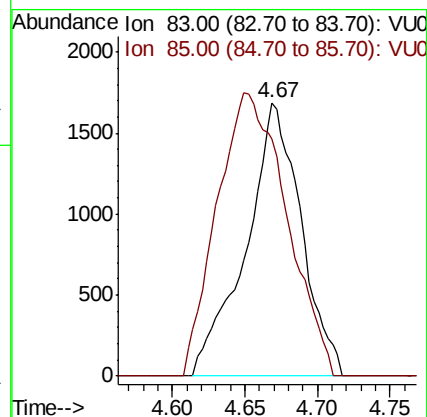
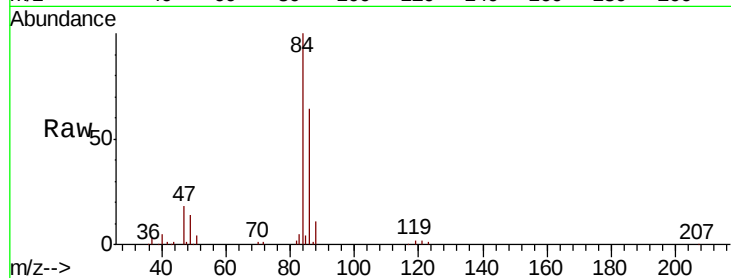
BF5Q0

Tgt Ion: 83 Resp: 4456

Ion Ratio Lower Upper

83 100

85 86.7 45.4 84.2#



#39

cis-1,3-Dichloropropene

Concen: 0.859 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU029896.D

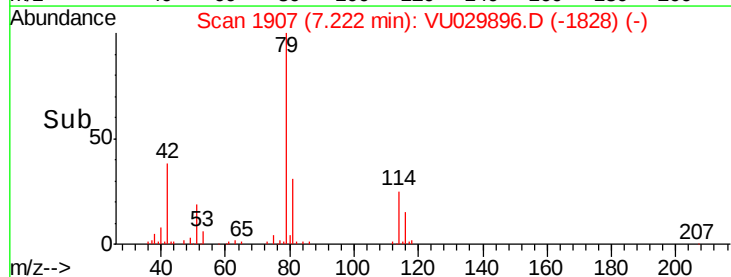
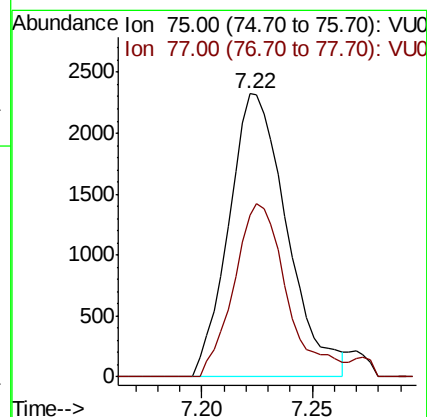
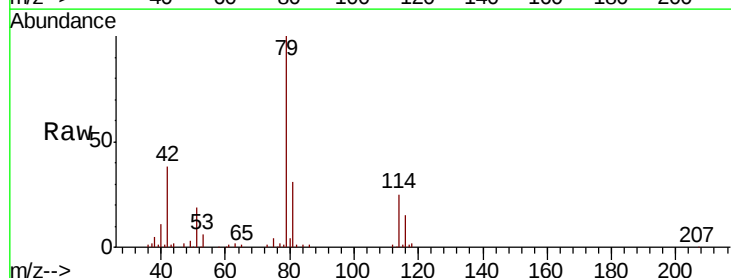
Acq: 08 Mar 2019 18:33

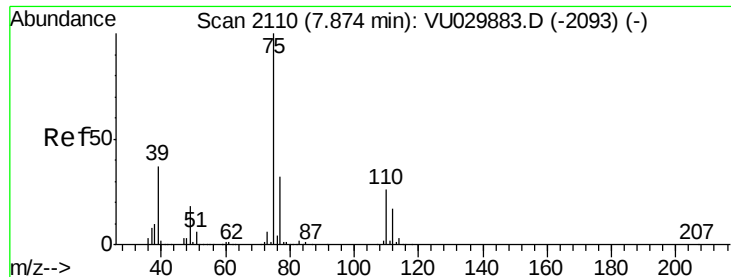
Tgt Ion: 75 Resp: 4247

Ion Ratio Lower Upper

75 100

77 57.2 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.688 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029896.D

Acq: 08 Mar 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

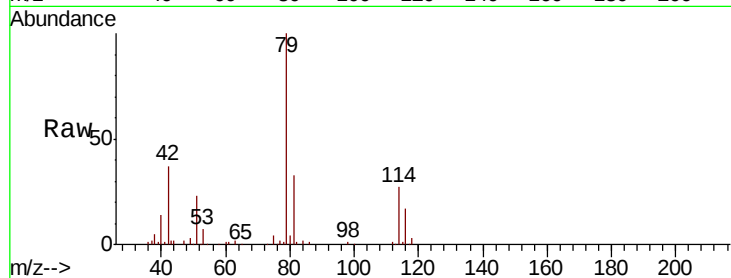
BF5Q0

Tgt Ion: 75 Resp: 3205

Ion Ratio Lower Upper

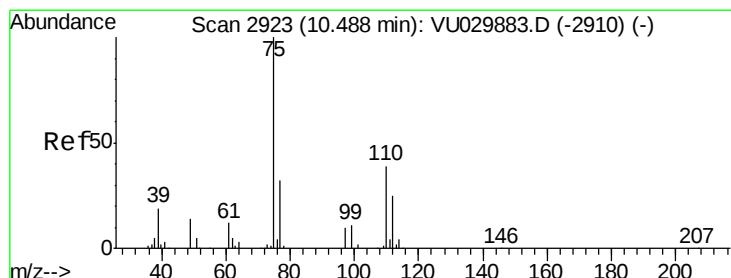
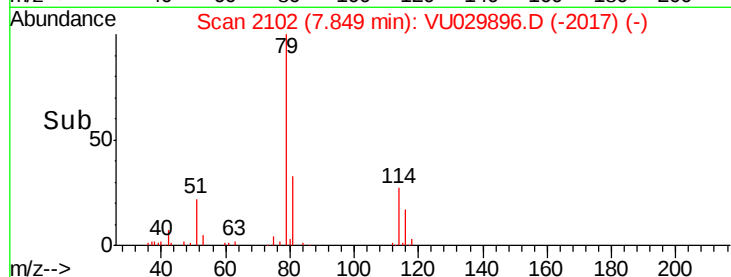
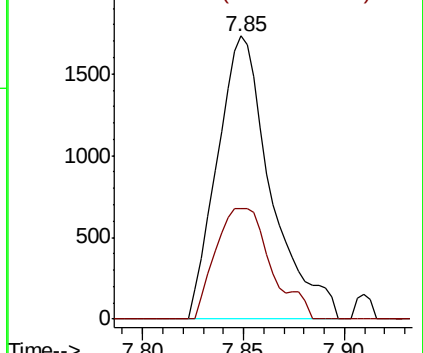
75 100

77 39.1 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: 4.878 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029896.D

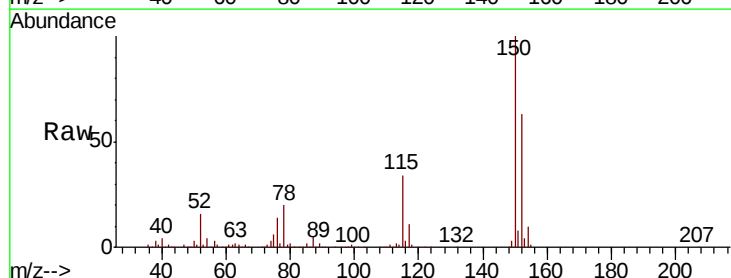
Acq: 08 Mar 2019 18:33

Tgt Ion: 75 Resp: 21313

Ion Ratio Lower Upper

75 100

77 36.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

