

Data File : VU029810.D
Acq On : 05 Mar 2019 09:50
Operator : JC/SP
Sample : K1721-02RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF8C2

Quant Time: Mar 06 00:44:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 06 00:41:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	505411	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	481621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	235141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	157421	42.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.02%
7) Chloroethane-d5	1.68	69	133075	40.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.84%
11) 1,1-Dichloroethene-d2	2.27	63	224218	30.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.94%
21) 2-Butanone-d5	4.17	46	231795	102.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.85%
24) Chloroform-d	4.64	84	282233	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
26) 1,2-Dichloroethane-d4	5.31	65	178139	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
32) Benzene-d6	5.34	84	618410	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
36) 1,2-Dichloropropane-d6	6.33	67	189223	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.80%
41) Toluene-d8	7.56	98	580555	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%
43) trans-1,3-Dichloropropene-	7.85	79	87730	45.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.72%
47) 2-Hexanone-d5	8.31	63	201124	99.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	282110	45.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	235918	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%

Target Compounds

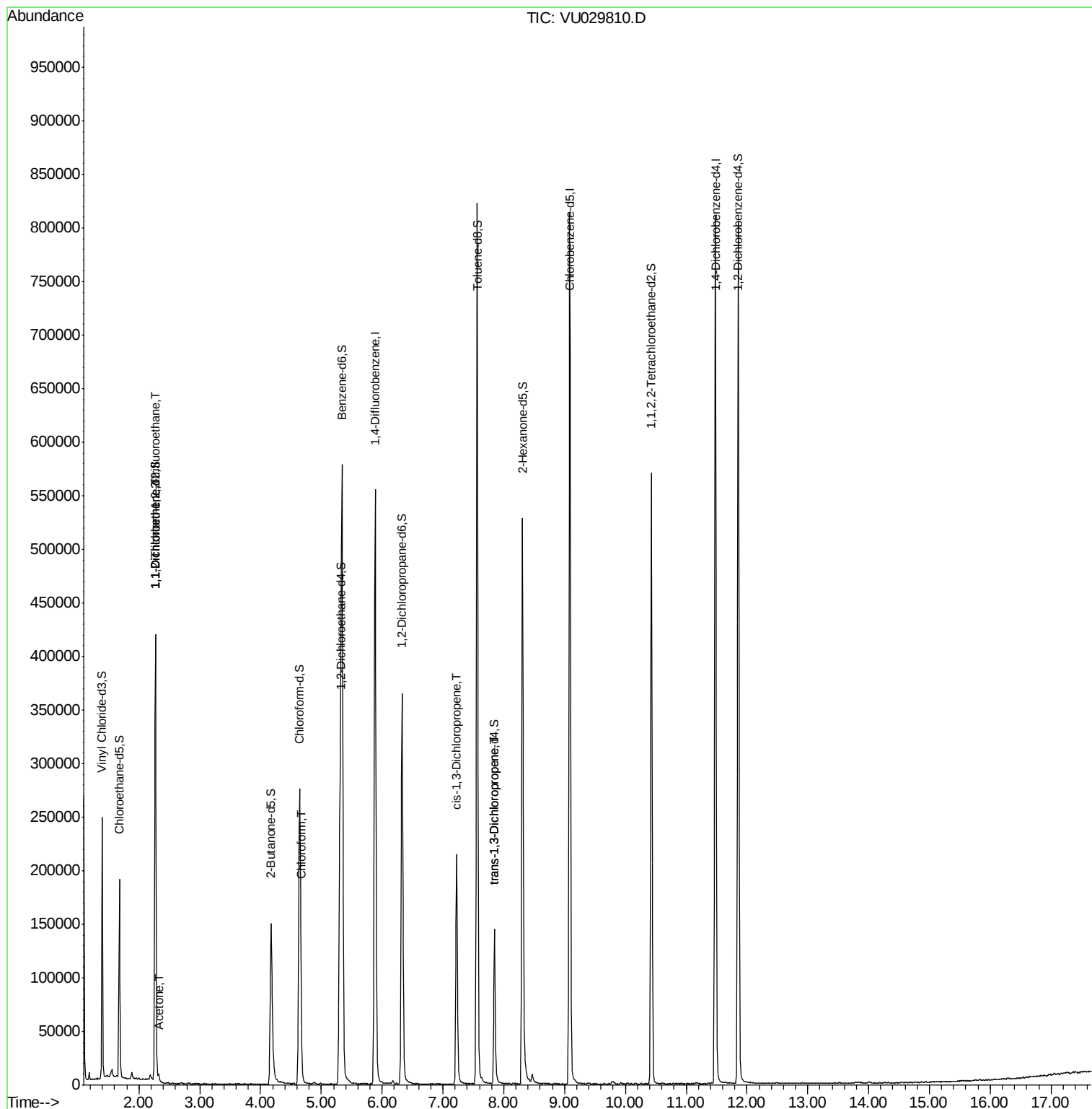
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2143	0.609 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	2105	0.629 ug/L #	1
13) Acetone	2.32	43	1832	0.761 ug/L	87
25) Chloroform	4.67	83	6386	1.072 ug/L #	74
39) cis-1,3-Dichloropropene	7.22	75	4802	0.918 ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	3366	0.683 ug/L	89

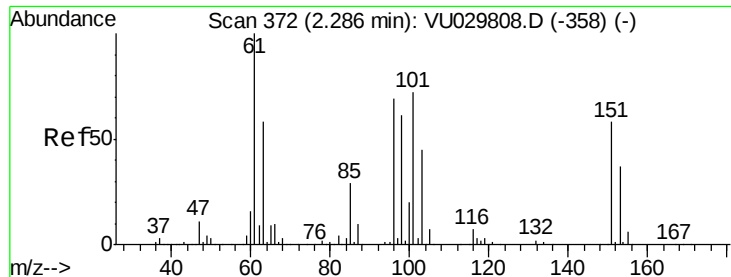
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.609 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029810.D

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Instrument :

MSVOA_U

ClientSampleId :

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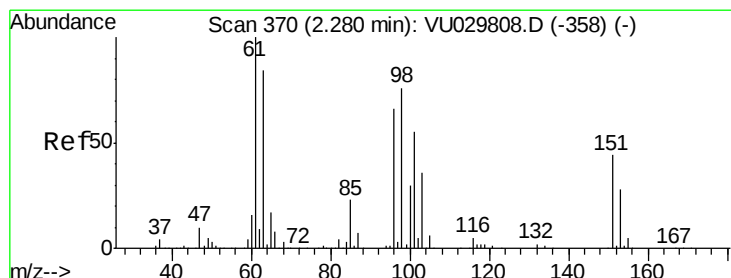
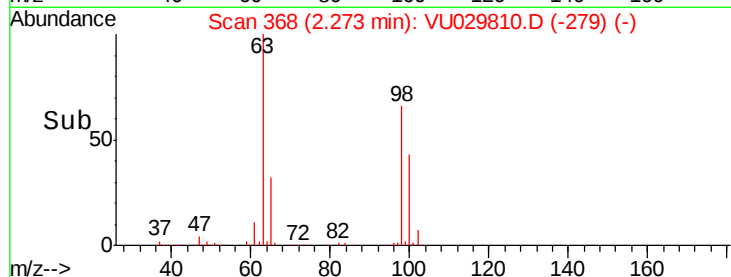
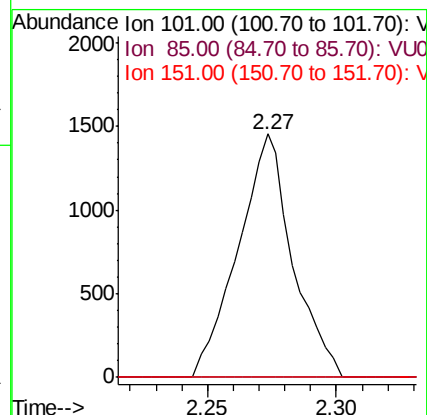
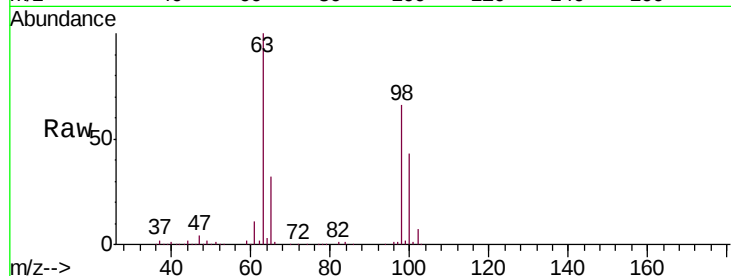
Tgt Ion: 101 Resp: 2143

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.6#

151 0.0 65.7 98.5#



#12

1,1-Dichloroethene

Concen: 0.629 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029810.D

Acq: 05 Mar 2019 09:50

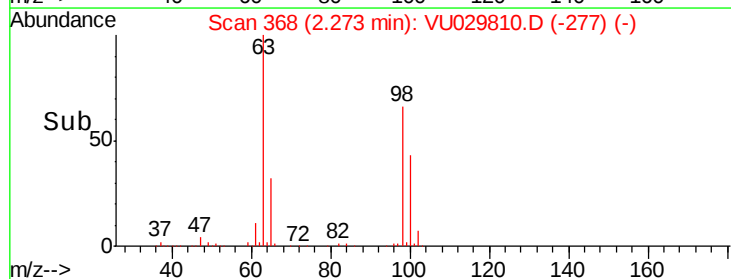
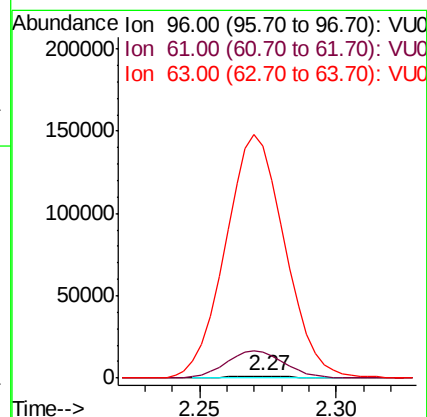
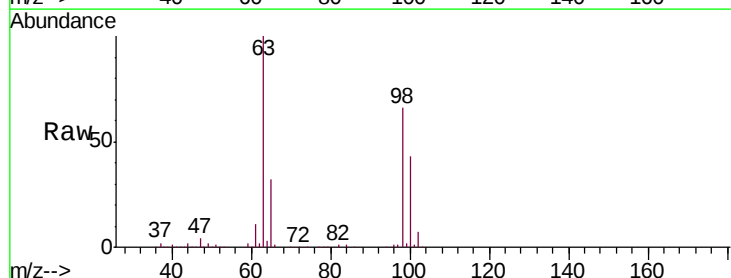
Tgt Ion: 96 Resp: 2105

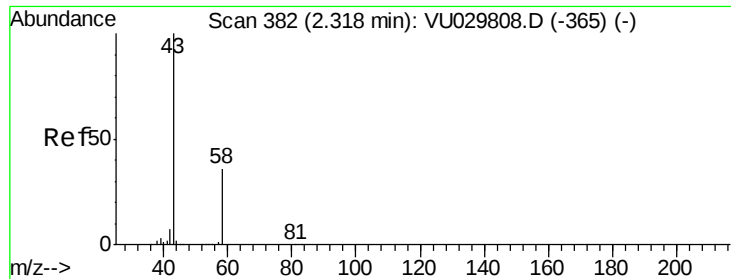
Ion Ratio Lower Upper

96 100

61 1285.6 114.0 211.8#

63 11275.7 98.7 183.3#





#13

Acetone

Concen: 0.761 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

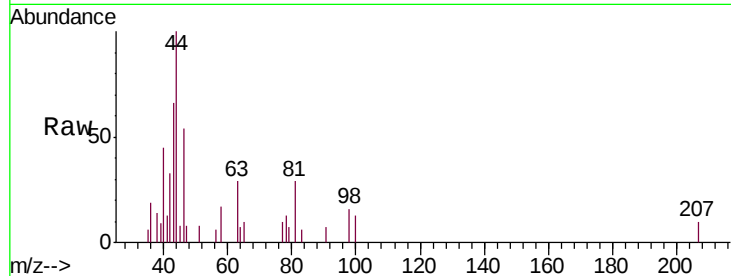
BF8C2

Tgt Ion: 43 Resp: 1832

Ion Ratio Lower Upper

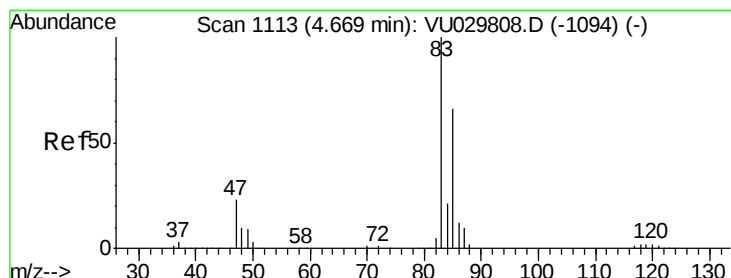
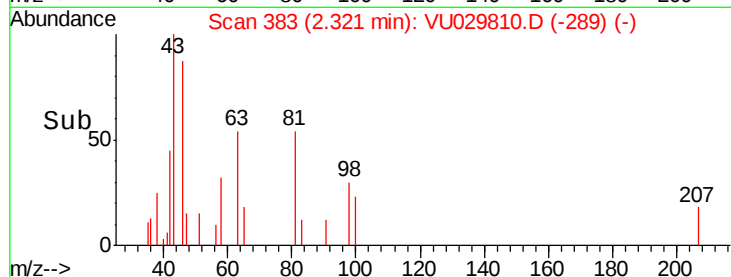
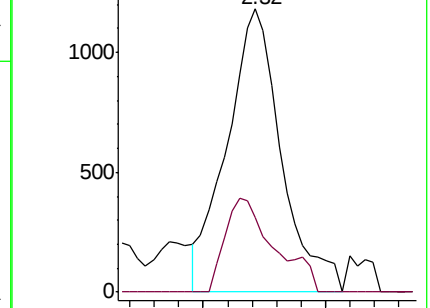
43 100

58 26.2 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: 1.072 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029810.D

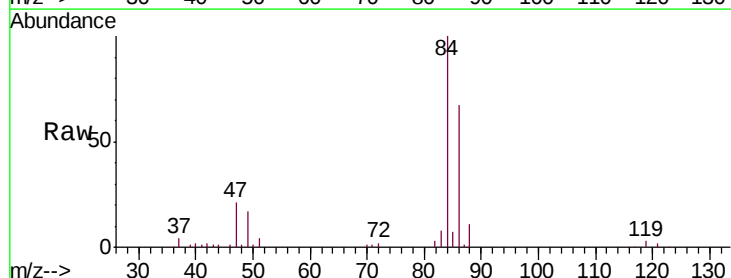
Acq: 05 Mar 2019 09:50

Tgt Ion: 83 Resp: 6386

Ion Ratio Lower Upper

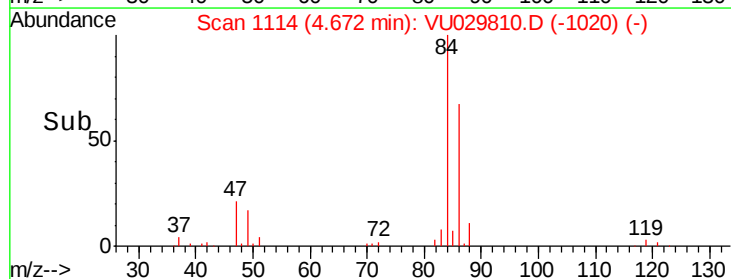
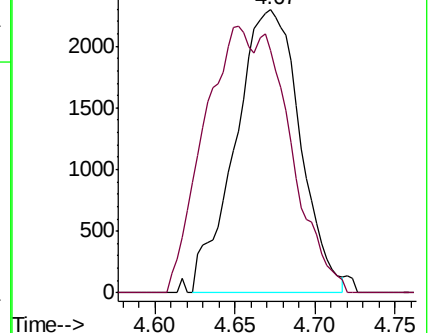
83 100

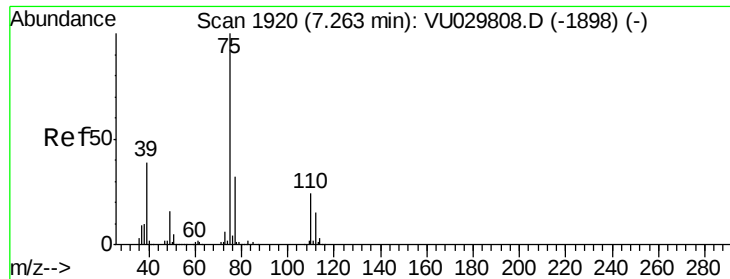
85 85.7 45.4 84.2#



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: 0.918 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

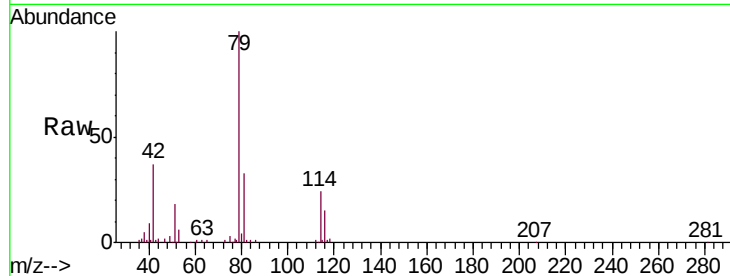
BF8C2

Tgt Ion: 75 Resp: 4802

Ion Ratio Lower Upper

75 100

77 58.0 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

3000

2500

2000

1500

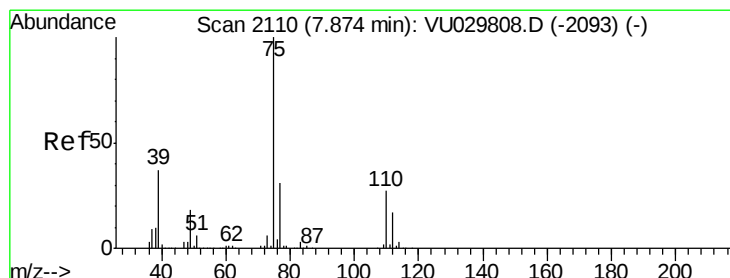
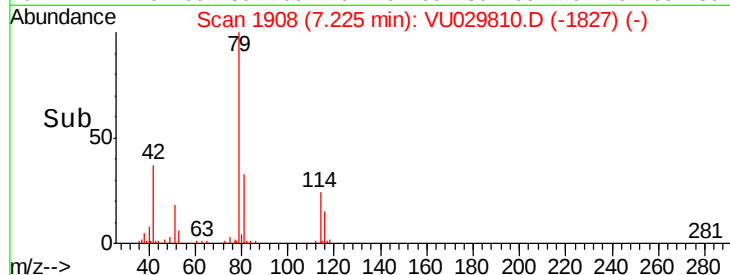
1000

500

0

7.20 7.25

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.683 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029810.D

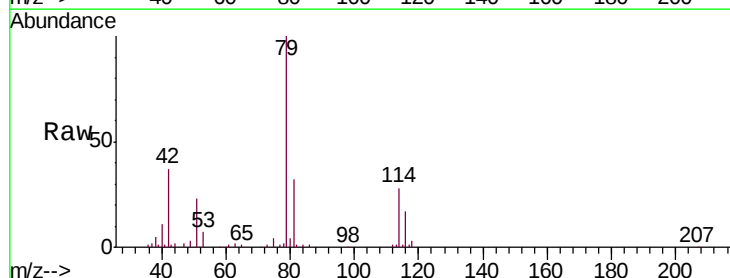
Acq: 05 Mar 2019 09:50

Tgt Ion: 75 Resp: 3366

Ion Ratio Lower Upper

75 100

77 37.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

2000

1500

1000

500

0

7.80 7.85 7.90

Time-->

