

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030721.D
 Acq On : 05 Apr 2019 06:29
 Operator : JC/SP
 Sample : K2273-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC79

Quant Time: Apr 05 08:39:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:33:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	483052	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	473101	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	201066	50.00	ug/L	0.00

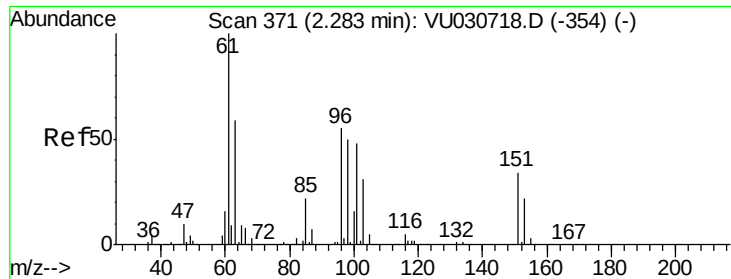
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	231202	53.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.24%
7) Chloroethane-d5	1.68	69	178809	54.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.28%
11) 1,1-Dichloroethene-d2	2.27	63	309460	39.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.36%
21) 2-Butanone-d5	4.17	46	346107	101.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.27%
24) Chloroform-d	4.64	84	321279	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.31	65	228153	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
32) Benzene-d6	5.34	84	699221	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
36) 1,2-Dichloropropane-d6	6.32	67	242202	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.34%
41) Toluene-d8	7.56	98	610883	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.85	79	103172	47.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.60%
47) 2-Hexanone-d5	8.31	63	210209	97.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	314029	49.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	208387	52.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2723	0.787 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2322	0.695 ug/L #	1
13) Acetone	2.32	43	24734	7.073 ug/L	73
25) Chloroform	4.67	83	23721	3.226 ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	5488	0.880 ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	3812	0.693 ug/L	86
48) 2-Hexanone	8.37	43	10146	1.845 ug/L #	43
59) 1,2,3-Trichloropropane	11.48	75	25925	4.938 ug/L	94

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



#10

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

Concen: 0.787 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU030721.D

Acq: 05 Apr 2019 06:29

Instrument :

MSVOA_U

ClientSampled :

BFC79

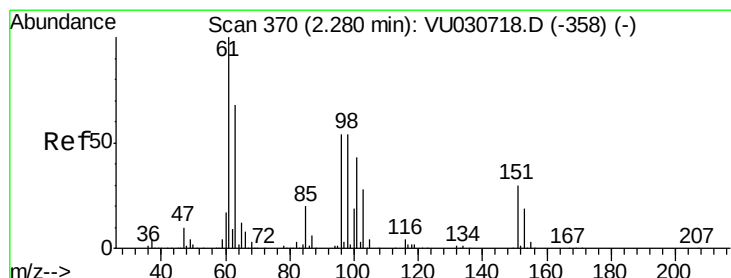
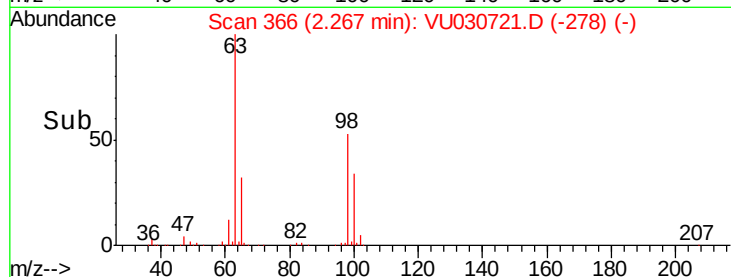
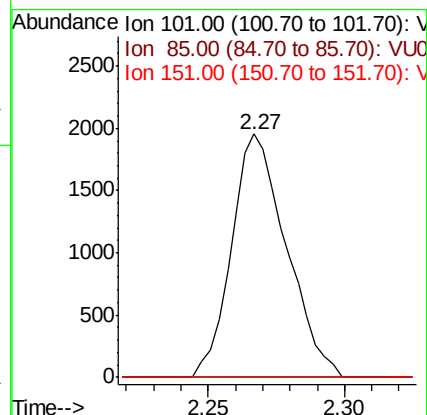
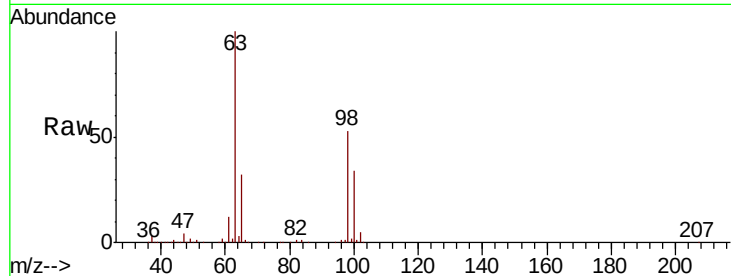
Tot Ion:101 Resp: 2723

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.695 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030721.D

Acq: 05 Apr 2019 06:29

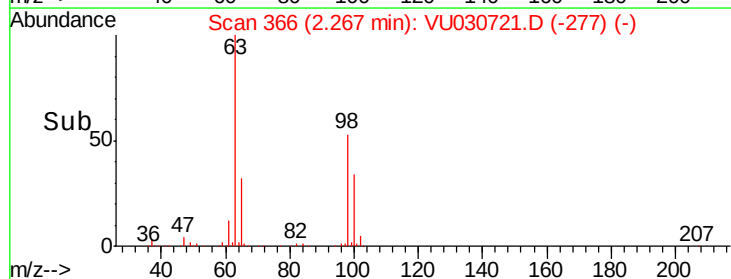
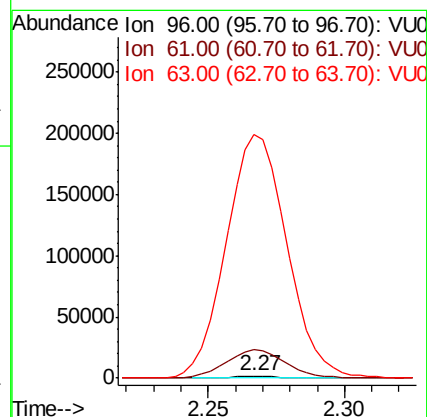
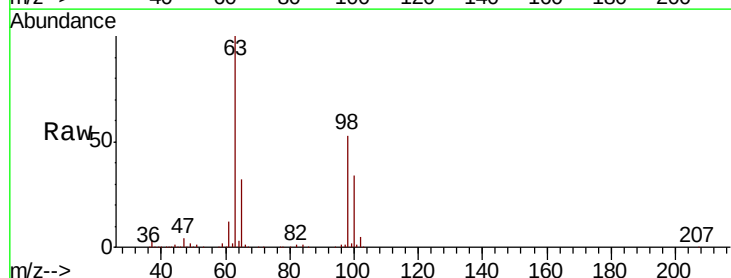
Tgt Ion: 96 Resp: 2322

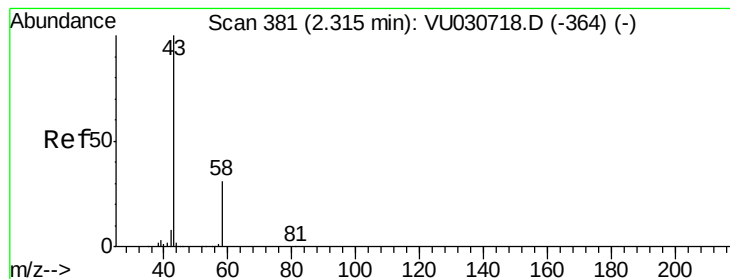
Ion Ratio Lower Upper

96 100

61 1538.7 132.0 245.2#

63 13247.4 90.9 168.9#





#13

Acetone

Concen: 7.073 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030721.D

Acq: 05 Apr 2019 06:29

Instrument :

MSVOA_U

ClientSampleId :

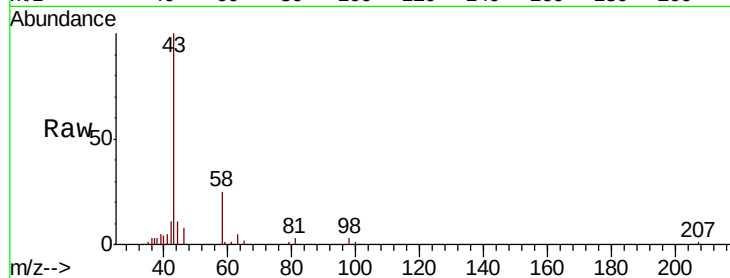
BFC79

Tot Ion: 43 Resp: 24734

Ion Ratio Lower Upper

43 100

58 17.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030721.D (-1020) (-)

Ion 58.00 (57.70 to 58.70): VU030721.D (-1020) (-)

2.32

15000

10000

5000

0

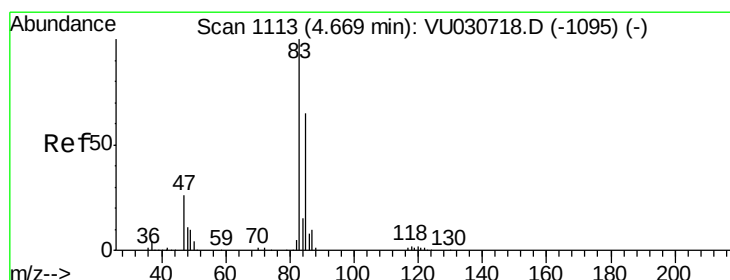
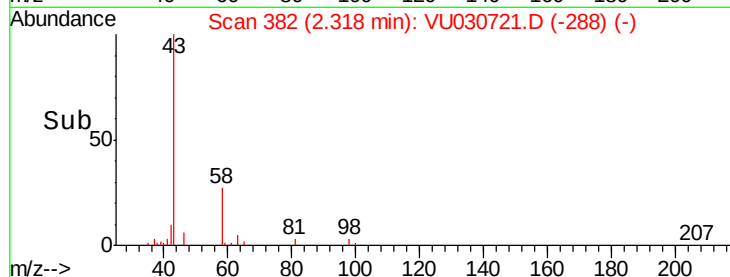
Time-->

2.25

2.30

2.35

2.40



#25

Chloroform

Concen: 3.226 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030721.D

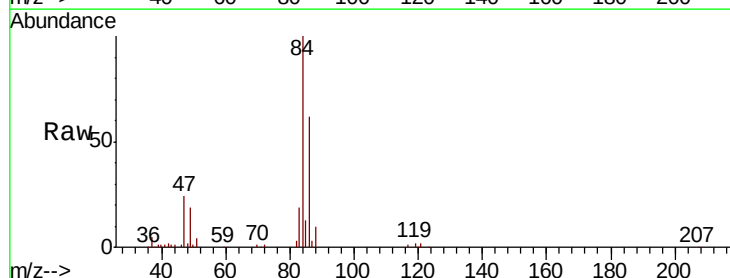
Acq: 05 Apr 2019 06:29

Tgt Ion: 83 Resp: 23721

Ion Ratio Lower Upper

83 100

85 68.7 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030721.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VU030721.D (-1020) (-)

4.67

10000

8000

6000

4000

2000

0

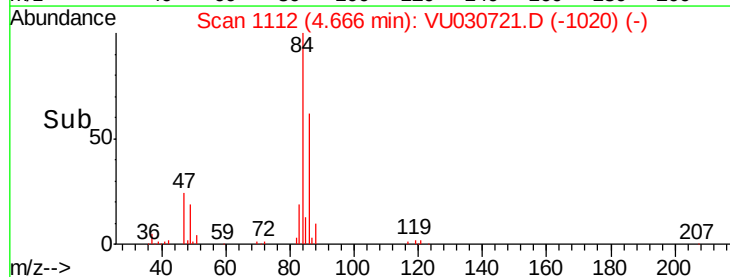
Time-->

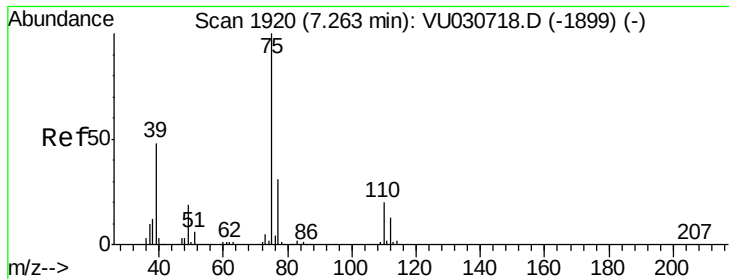
4.60

4.65

4.70

4.75





#39

cis-1,3-Dichloropropene

Concen: 0.880 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU030721.D

Acq: 05 Apr 2019 06:29

Instrument :

MSVOA_U

ClientSampleId :

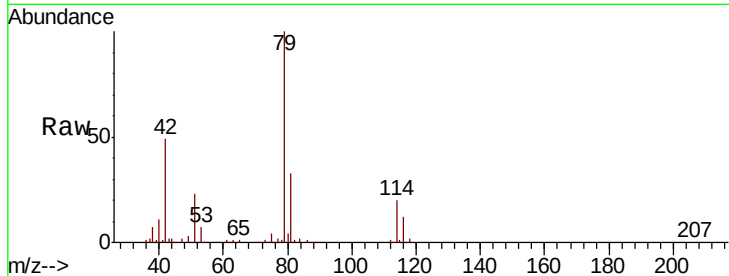
BFC79

Tot Ion: 75 Resp: 5488

Ion Ratio Lower Upper

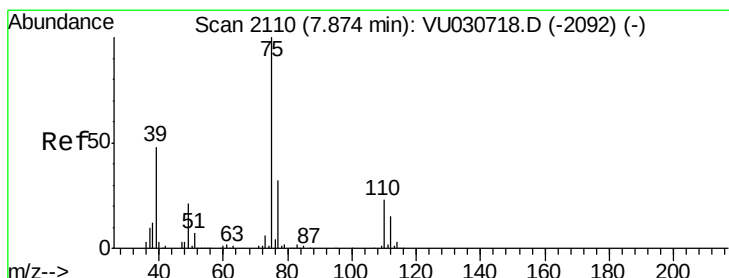
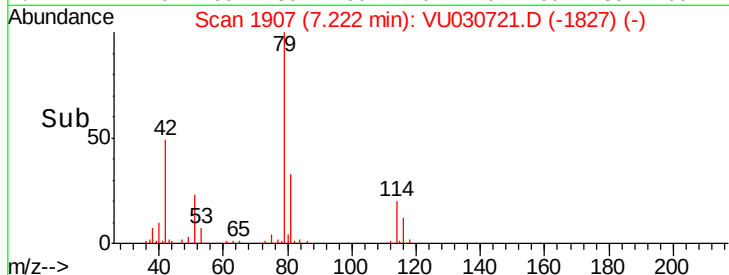
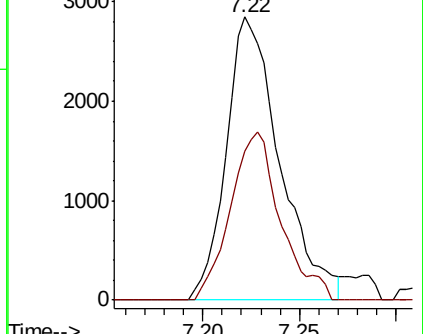
75 100

77 52.4 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.693 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030721.D

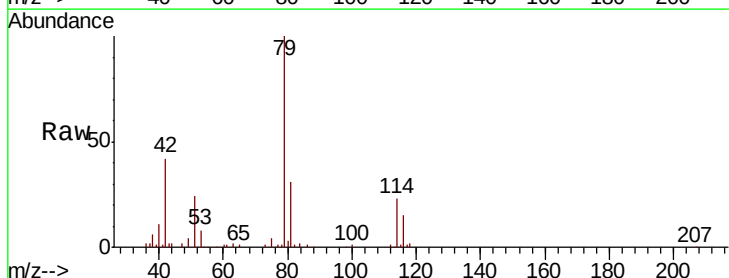
Acq: 05 Apr 2019 06:29

Tgt Ion: 75 Resp: 3812

Ion Ratio Lower Upper

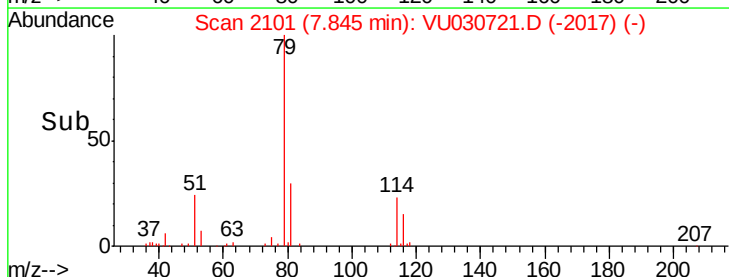
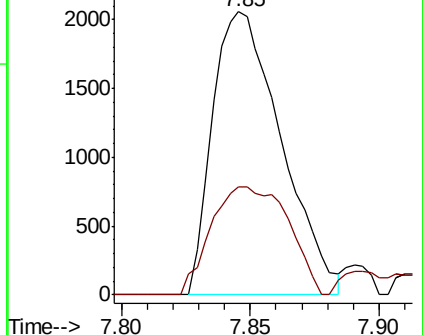
75 100

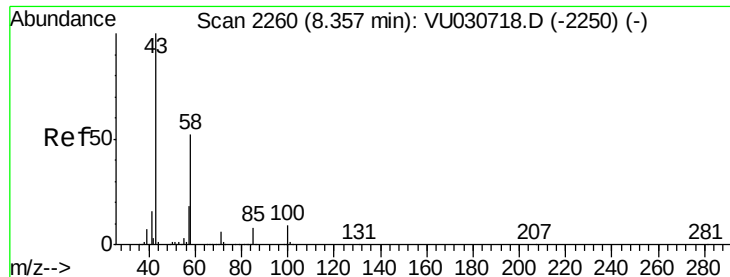
77 38.3 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

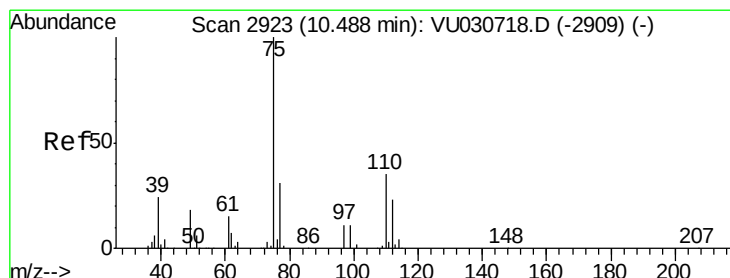
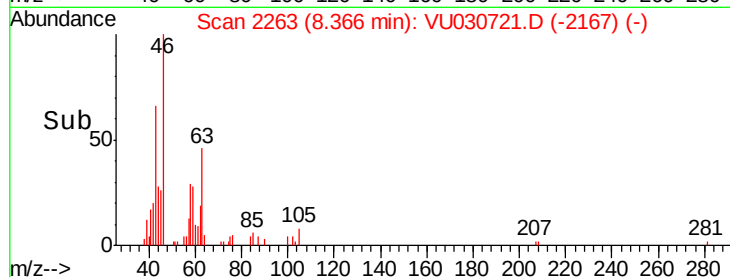
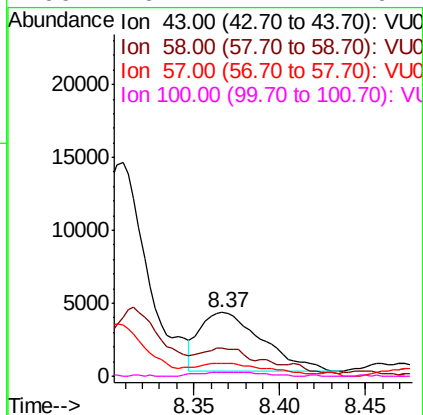
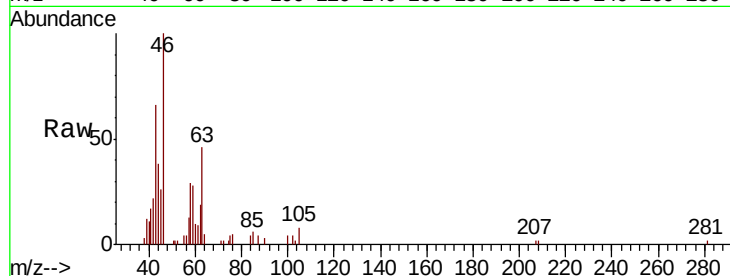




#48
 2-Hexanone
 Concen: 1.845 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU030721.D
 Acq: 05 Apr 2019 06:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC79

Tot Ion: 43 Resp: 10146
 Ion Ratio Lower Upper
 43 100
 58 0.0 41.9 62.9#
 57 27.6 14.3 21.5#
 100 0.7 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.938 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030721.D
 Acq: 05 Apr 2019 06:29

Tgt Ion: 75 Resp: 25925
 Ion Ratio Lower Upper
 75 100
 77 35.8 26.1 39.1

