

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030722.D
 Acq On : 05 Apr 2019 06:52
 Operator : JC/SP
 Sample : K2273-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFC80

Quant Time: Apr 05 08:39:11 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	477682	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450925	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190776	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	231279	54.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.48%
7) Chloroethane-d5	1.68	69	173747	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.38%
11) 1,1-Dichloroethene-d2	2.27	63	312283	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.98%
21) 2-Butanone-d5	4.17	46	349840	103.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.64	84	313700	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	5.31	65	223324	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	5.34	84	685908	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.22%
36) 1,2-Dichloropropane-d6	6.32	67	238785	52.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.86%
41) Toluene-d8	7.56	98	599966	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%
43) trans-1,3-Dichloropropene-	7.85	79	95183	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.31	63	216912	105.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309774	50.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	202418	53.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.90%

Target Compounds

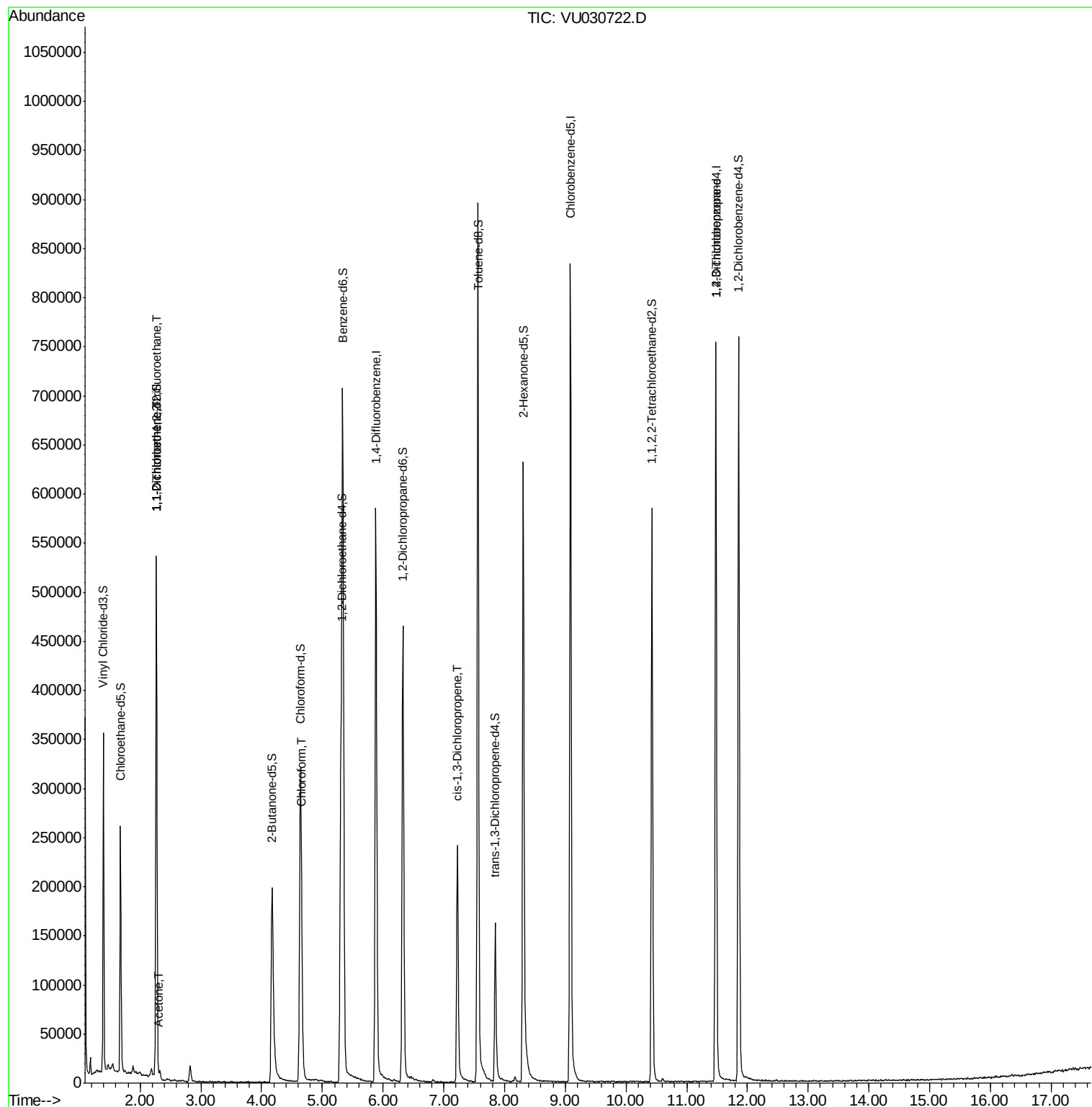
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2565	0.750	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2294	0.695	ug/L #	1
13) Acetone	2.31	43	1890	0.547	ug/L	59
25) Chloroform	4.67	83	16862	2.319	ug/L	92
39) cis-1,3-Dichloropropene	7.22	75	5488	0.923	ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	24052	4.806	ug/L	91

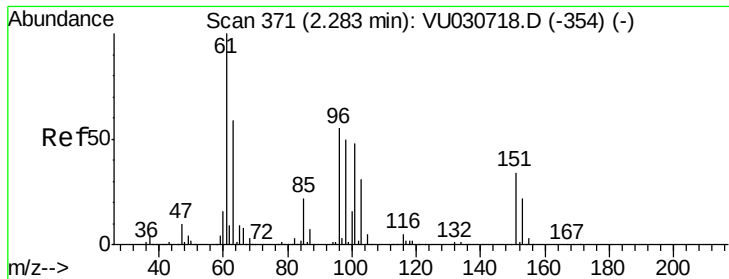
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.750 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

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BFC80

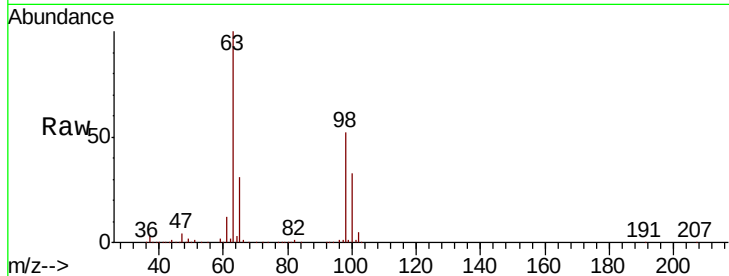
Tot Ion:101 Resp: 2565

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

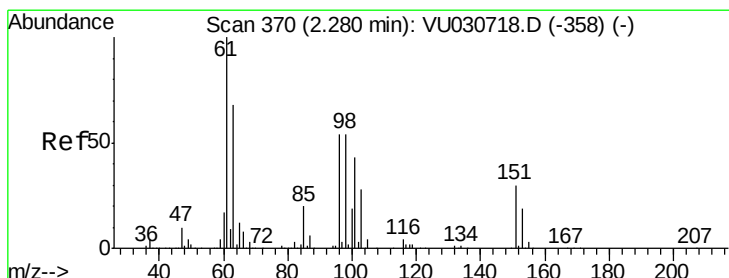
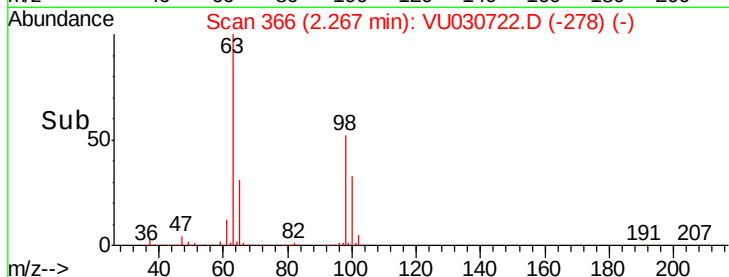
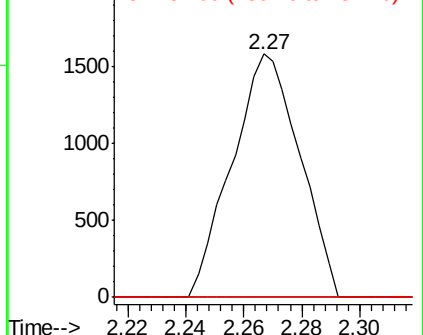
151 0.0 57.4 86.0#



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: 0.695 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030722.D

Acq: 05 Apr 2019 06:52

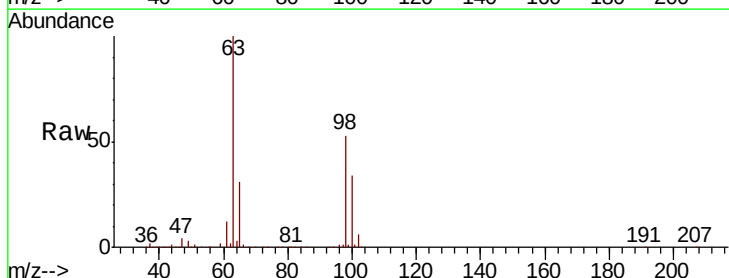
Tgt Ion: 96 Resp: 2294

Ion Ratio Lower Upper

96 100

61 1517.0 132.0 245.2#

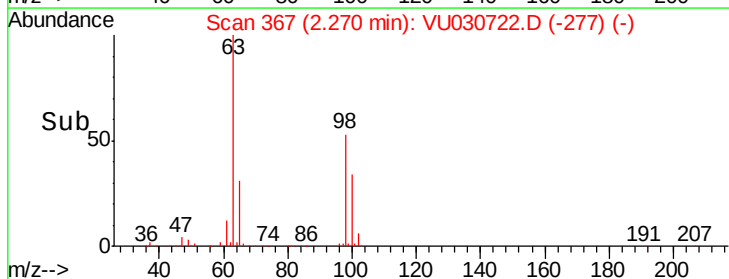
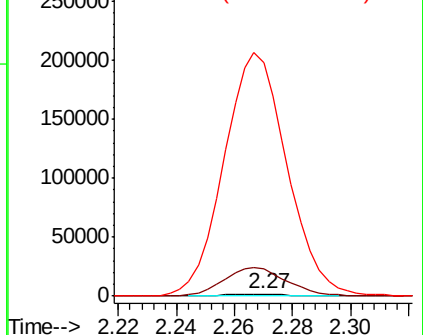
63 13079.2 90.9 168.9#

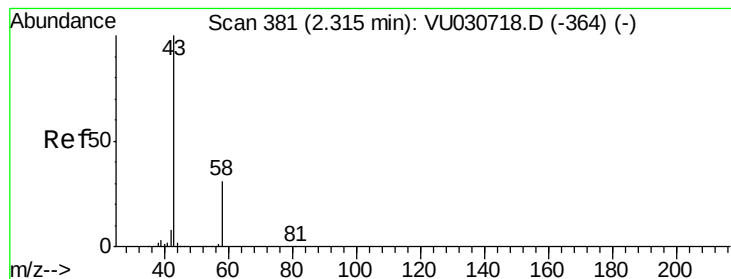


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.547 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

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ClientSampleId :

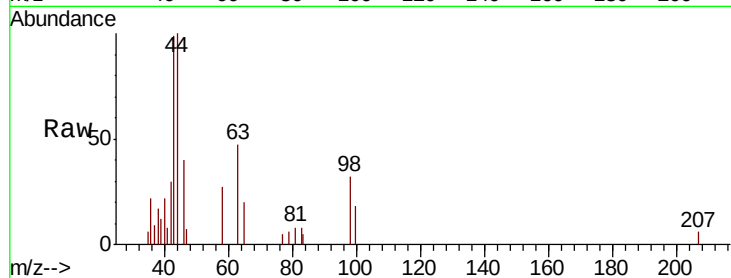
BFC80

Tot Ion: 43 Resp: 1890

Ion Ratio Lower Upper

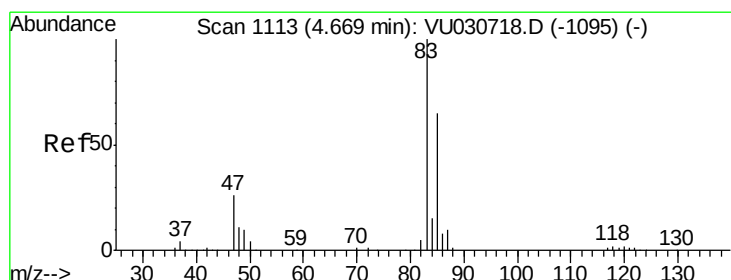
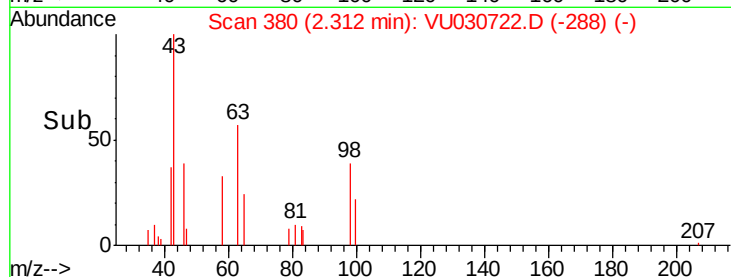
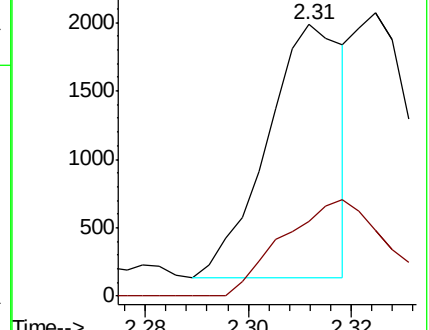
43 100

58 54.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030718.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VU030718.D (-364) (-)



#25

Chloroform

Concen: 2.319 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030722.D

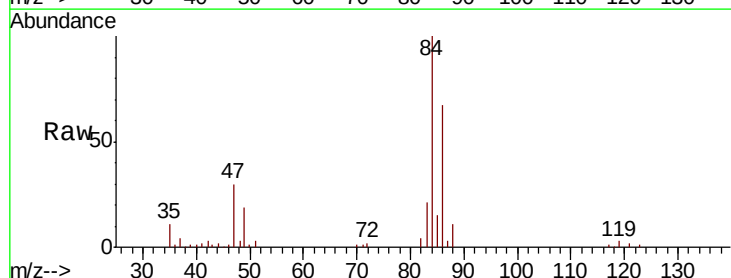
Acq: 05 Apr 2019 06:52

Tgt Ion: 83 Resp: 16862

Ion Ratio Lower Upper

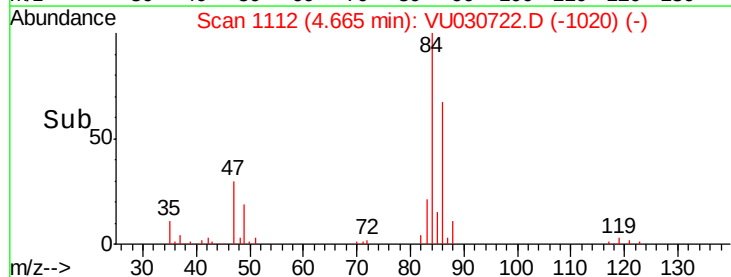
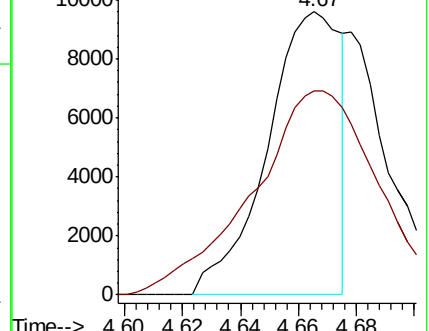
83 100

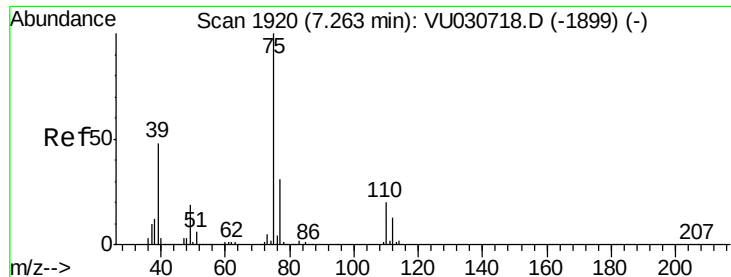
85 71.9 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030718.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU030718.D (-1095) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.923 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU030722.D

Acq: 05 Apr 2019 06:52

Instrument :

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ClientSampleId :

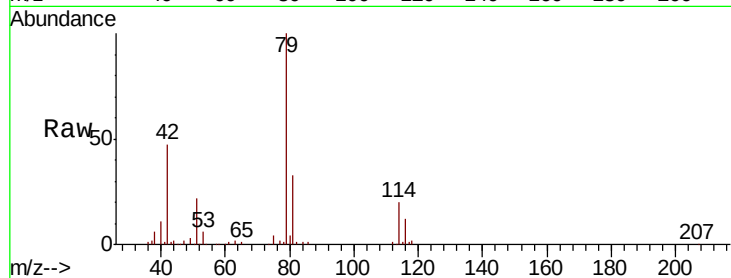
BFC80

Tot Ion: 75 Resp: 5488

Ion Ratio Lower Upper

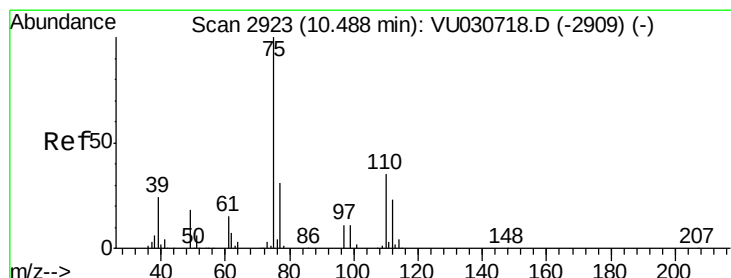
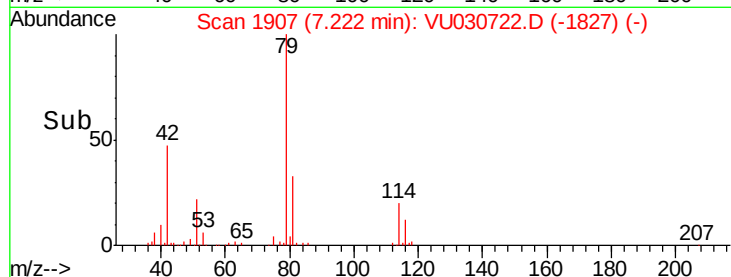
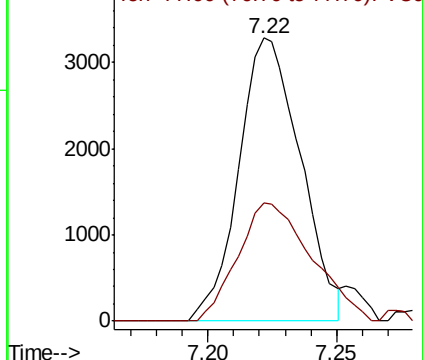
75 100

77 42.0 23.1 42.9



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: 4.806 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030722.D

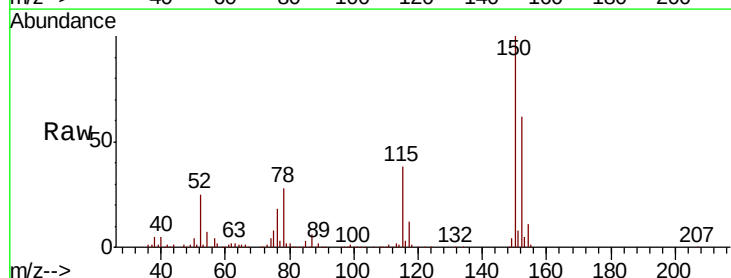
Acq: 05 Apr 2019 06:52

Tgt Ion: 75 Resp: 24052

Ion Ratio Lower Upper

75 100

77 37.8 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

