

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031220.D
 Acq On : 16 Apr 2019 19:13
 Operator : JC/SP
 Sample : VU0417WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK32

Quant Time: Apr 17 04:16:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	511683	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	486730	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	197780	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	226934	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.32%
7) Chloroethane-d5	1.68	69	207991	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.68%
11) 1,1-Dichloroethene-d2	2.27	63	358164	38.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.74%
21) 2-Butanone-d5	4.19	46	323484	94.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	4.64	84	359046	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
26) 1,2-Dichloroethane-d4	5.31	65	239125	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
32) Benzene-d6	5.34	84	754511	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
36) 1,2-Dichloropropane-d6	6.32	67	248713	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.60%
41) Toluene-d8	7.56	98	655897	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%
43) trans-1,3-Dichloropropene-	7.85	79	108486	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.90%
47) 2-Hexanone-d5	8.31	63	245483	104.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	333200	48.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	226622	49.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.92%

Target Compounds

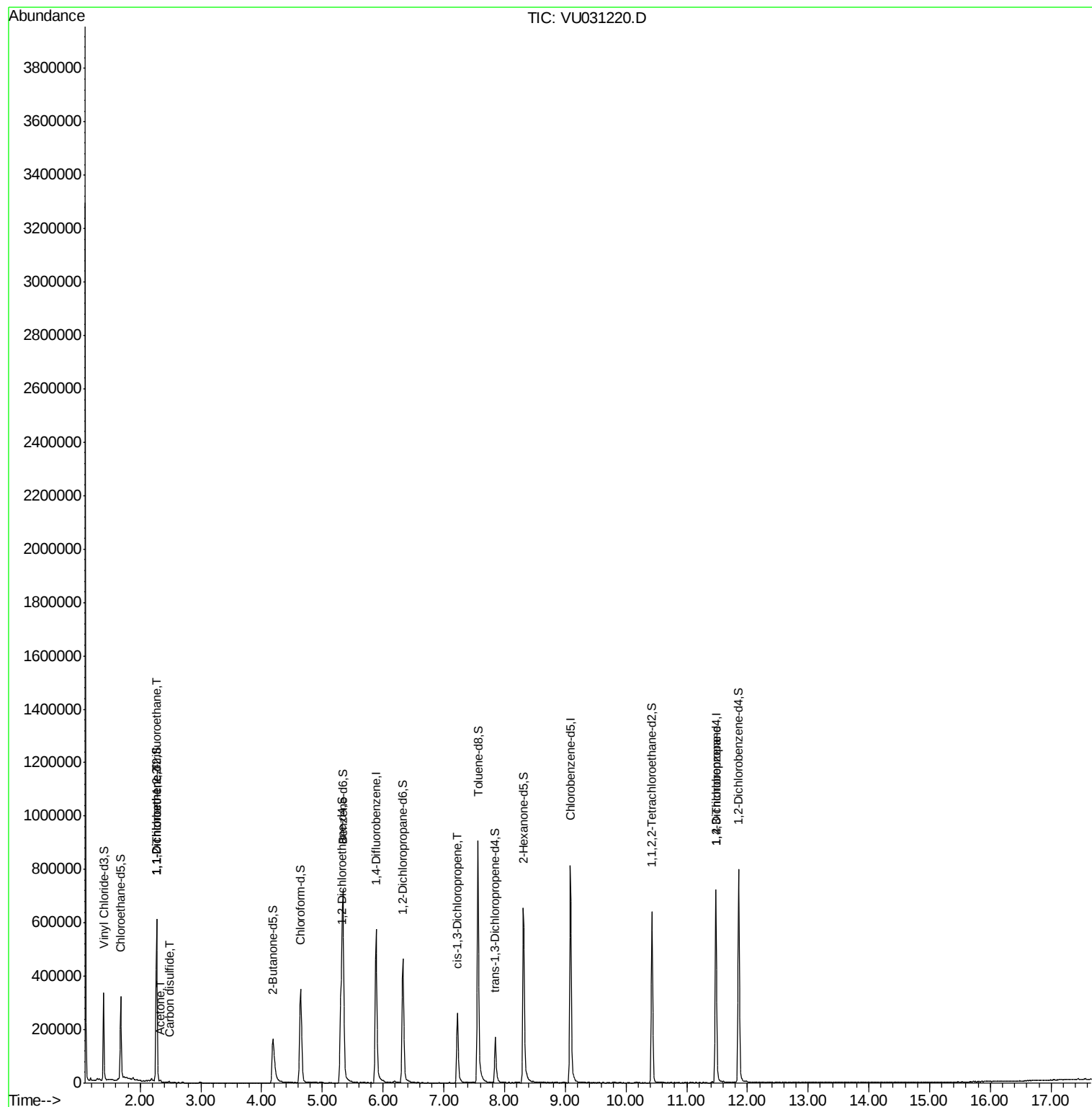
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3851	0.944 ug/L #	27
12) 1,1-Dichloroethene	2.27	96	3080	0.770 ug/L #	1
13) Acetone	2.34	43	1580	0.598 ug/L	62
14) Carbon disulfide	2.48	76	5365	0.495 ug/L #	83
39) cis-1,3-Dichloropropene	7.23	75	6666	1.026 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	23454	4.548 ug/L	90

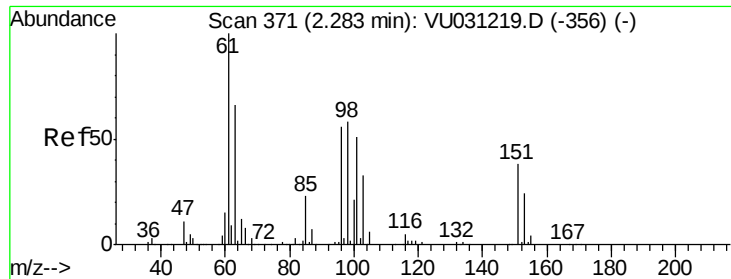
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.944 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031220.D

Acq: 16 Apr 2019 19:13

Instrument :

MSVOA_U

ClientSampled :

VBLK32

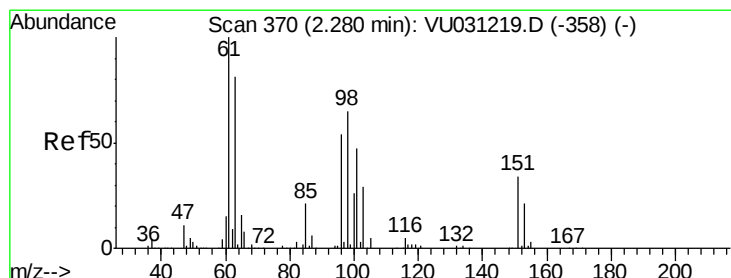
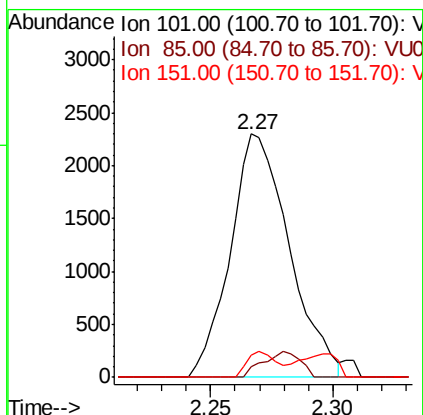
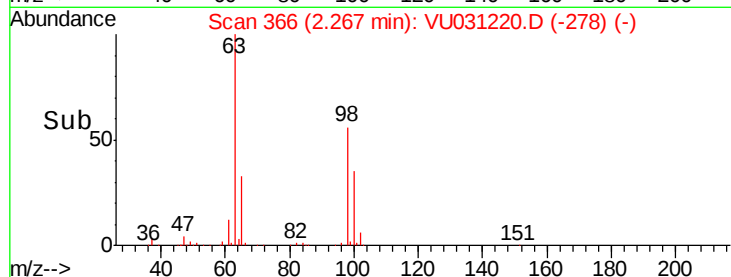
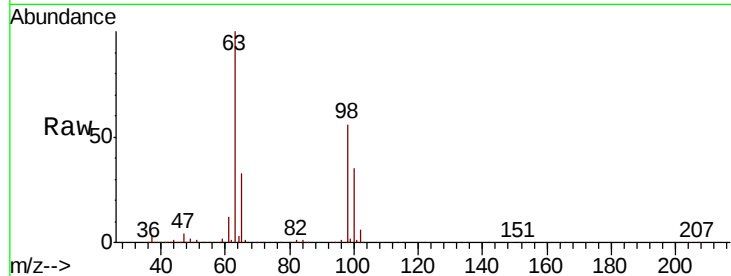
Tgt Ion: 101 Resp: 3851

Ion Ratio Lower Upper

101 100

85 6.8 35.4 53.0#

151 5.1 59.8 89.8#



#12

1,1-Dichloroethene

Concen: 0.770 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031220.D

Acq: 16 Apr 2019 19:13

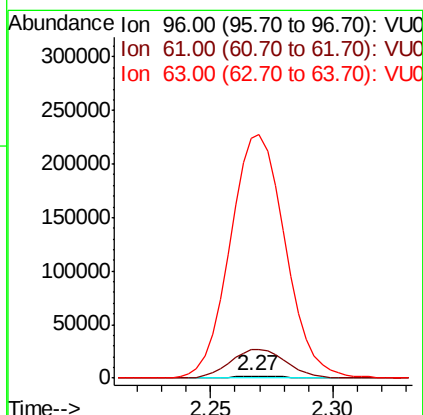
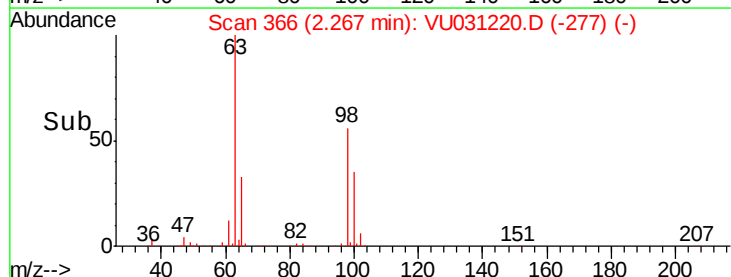
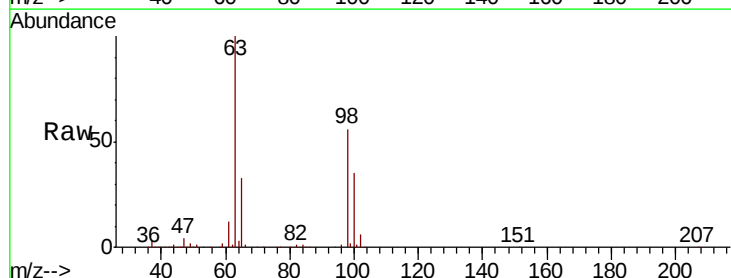
Tgt Ion: 96 Resp: 3080

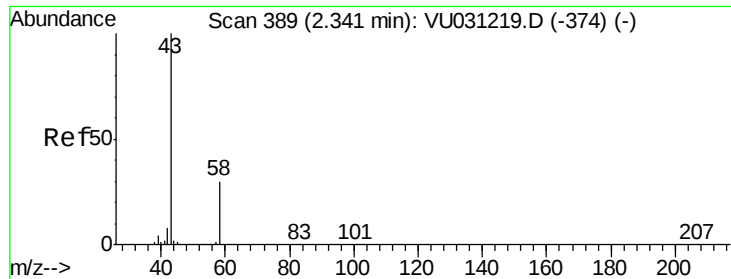
Ion Ratio Lower Upper

96 100

61 1476.1 130.4 242.2#

63 12573.7 108.9 202.3#





#13

Acetone

Concen: 0.598 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031220.D

Acq: 16 Apr 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

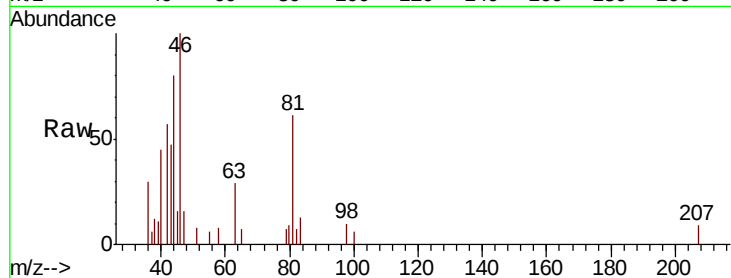
VBLK32

Tgt Ion: 43 Resp: 1580

Ion Ratio Lower Upper

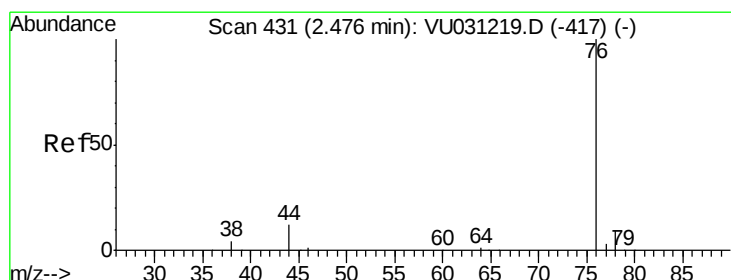
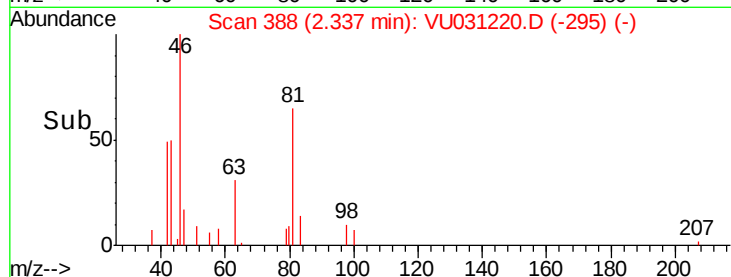
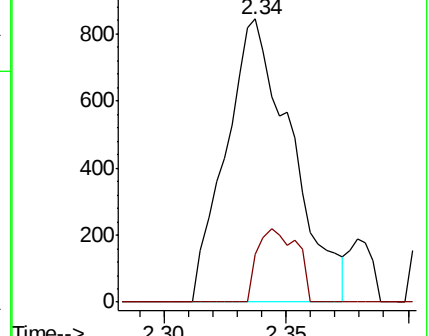
43 100

58 11.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU031219.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031219.D (-374) (-)



#14

Carbon disulfide

Concen: 0.495 ug/L

RT: 2.48 min Scan# 431

Delta R.T. -0.00 min

Lab File: VU031220.D

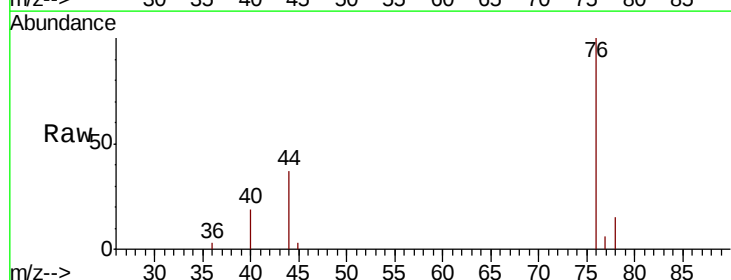
Acq: 16 Apr 2019 19:13

Tgt Ion: 76 Resp: 5365

Ion Ratio Lower Upper

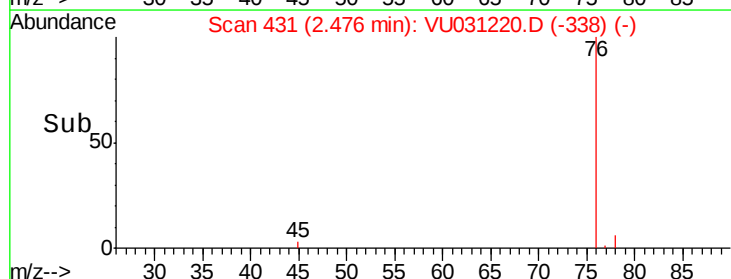
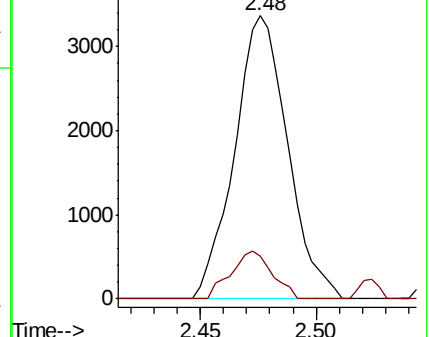
76 100

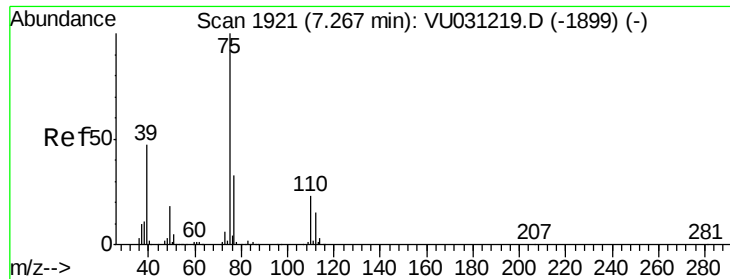
78 15.2 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VU031219.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU031219.D (-417) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.026 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.03 min

Lab File: VU031220.D

Acq: 16 Apr 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

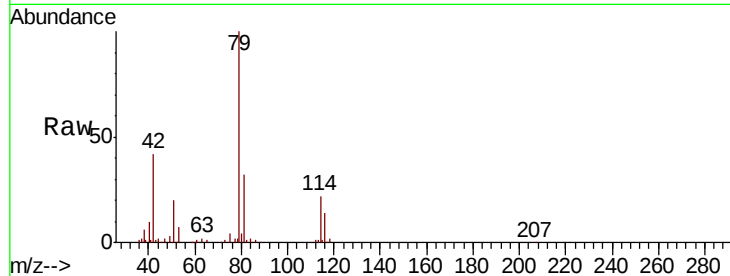
VBLK32

Tgt Ion: 75 Resp: 6666

Ion Ratio Lower Upper

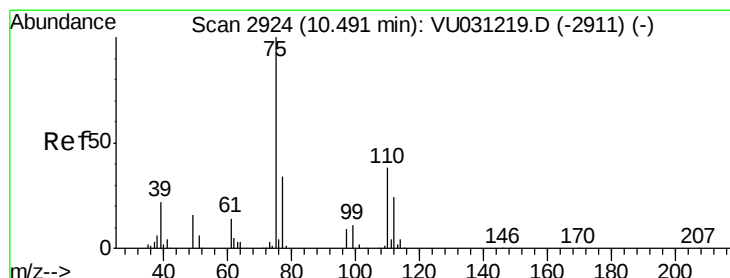
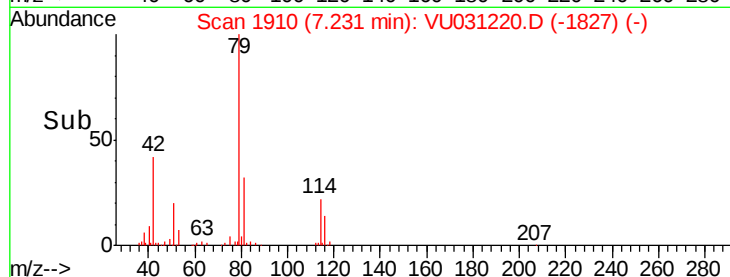
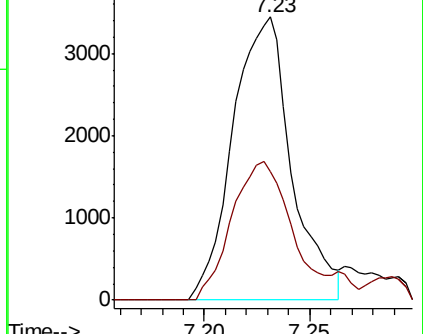
75 100

77 45.6 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031219.D (-1899) (-)

Ion 77.00 (76.70 to 77.70): VU031219.D (-1899) (-)



#59

1,2,3-Trichloropropane

Concen: 4.548 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031220.D

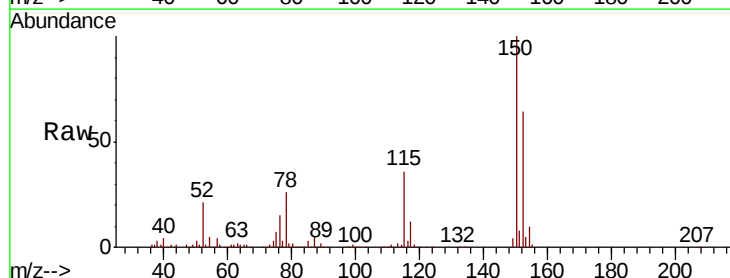
Acq: 16 Apr 2019 19:13

Tgt Ion: 75 Resp: 23454

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU031219.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU031219.D (-2911) (-)

