

Data File : VU032373.D
Acq On : 30 May 2019 11:54
Operator : JC/SP
Sample : VU0530WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK45

Quant Time: May 31 04:37:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	729508	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	743398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	318412	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	233998	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.67	69	195621	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.10%
11) 1,1-Dichloroethene-d2	2.27	63	328575	34.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.80%
21) 2-Butanone-d5	4.17	46	359450	101.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.57%
24) Chloroform-d	4.64	84	437581	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.30	65	273373	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
32) Benzene-d6	5.34	84	912691	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
36) 1,2-Dichloropropane-d6	6.32	67	280877	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.82%
41) Toluene-d8	7.56	98	820631	45.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.22%
43) trans-1,3-Dichloropropene-	7.85	79	126210	45.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.08%
47) 2-Hexanone-d5	8.31	63	250870	98.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	429421	46.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	320574	49.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.74%

Target Compounds

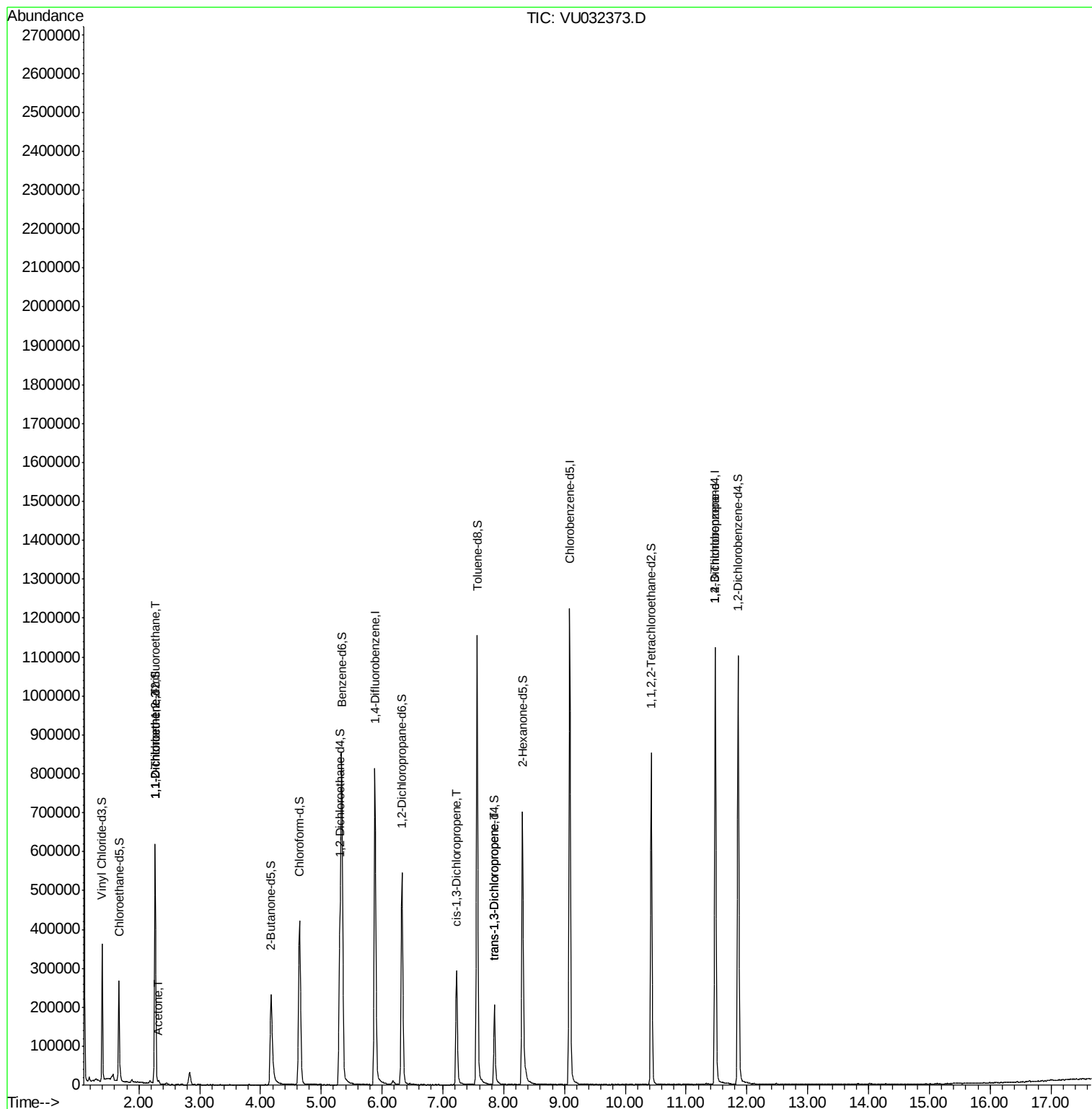
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3331	0.719	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2908	0.616	ug/L #	1
13) Acetone	2.32	43	3252	0.975	ug/L	75
39) cis-1,3-Dichloropropene	7.23	75	6773	0.843	ug/L #	27
44) trans-1,3-Dichloropropene	7.84	75	4953	0.704	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	33269	4.616	ug/L	96

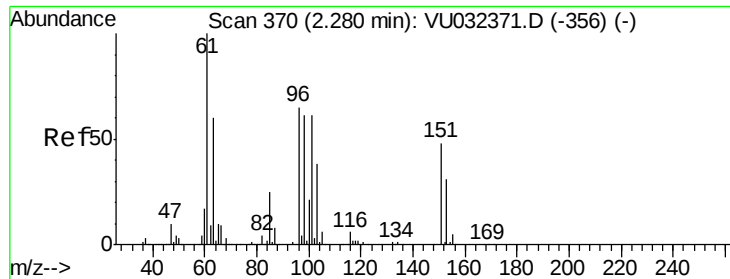
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.719 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

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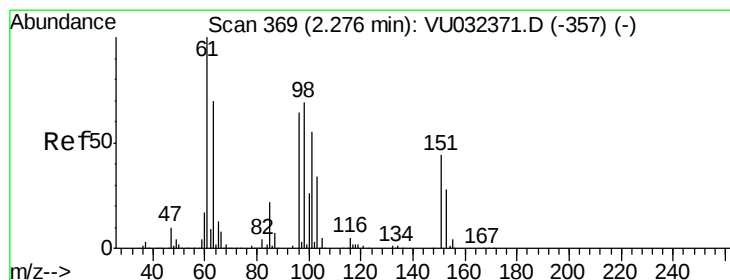
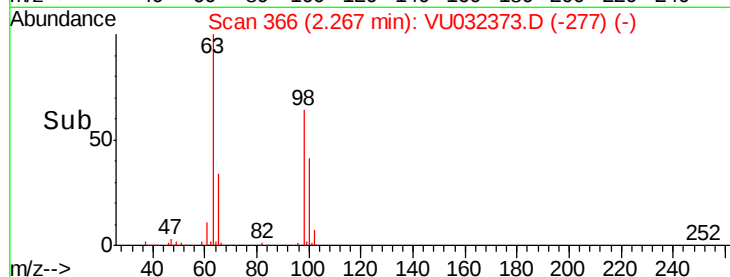
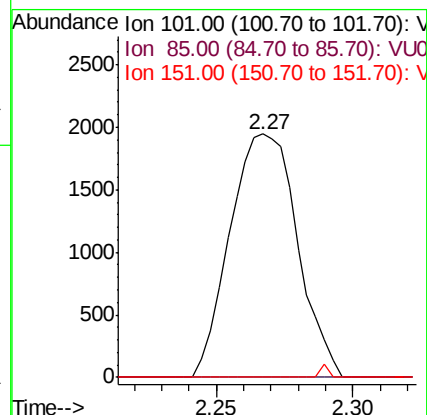
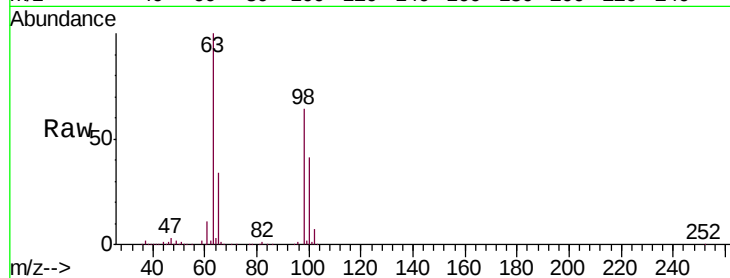
Tgt Ion: 101 Resp: 3331

Ion Ratio Lower Upper

101 100

85 0.0 33.4 50.0#

151 0.0 63.7 95.5#



#12

1,1-Dichloroethene

Concen: 0.616 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032373.D

Acq: 30 May 2019 11:54

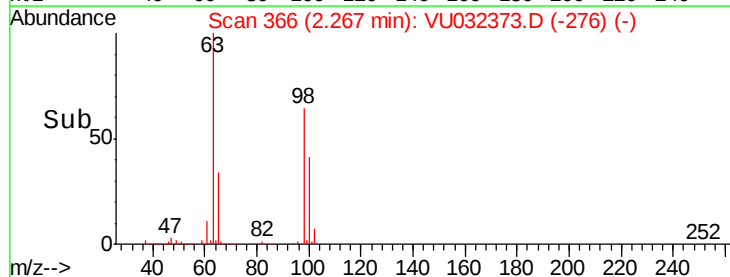
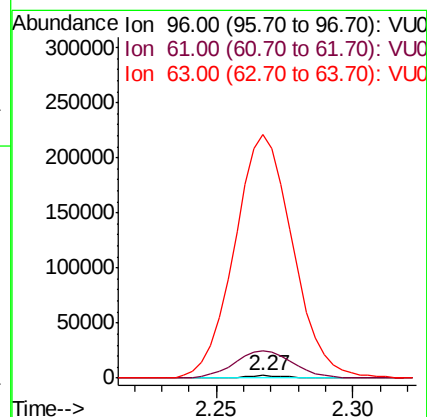
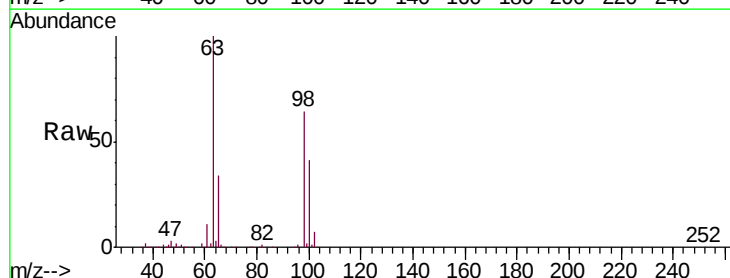
Tgt Ion: 96 Resp: 2908

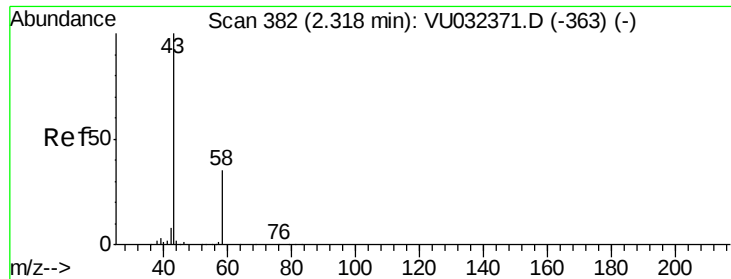
Ion Ratio Lower Upper

96 100

61 1126.6 109.8 203.8#

63 10114.1 74.4 138.2#





#13

Acetone

Concen: 0.975 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032373.D

Acq: 30 May 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

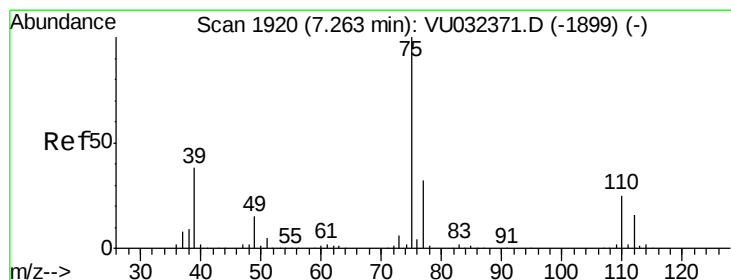
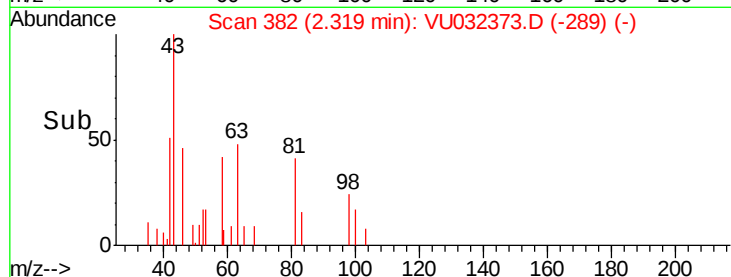
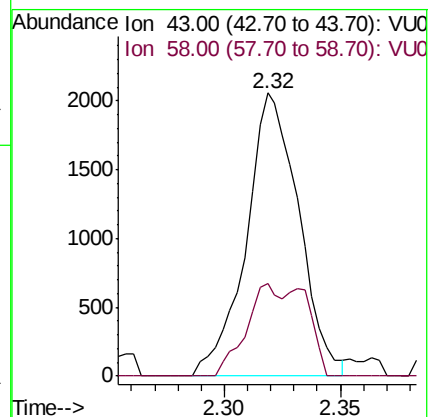
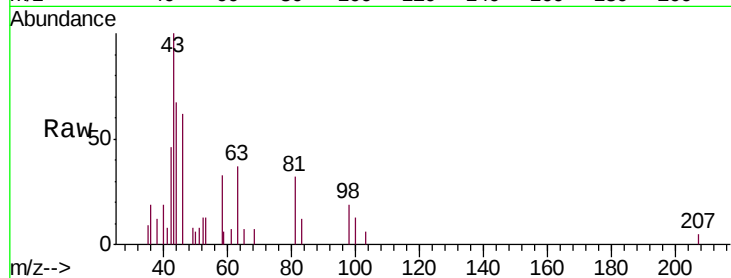
VBLK45

Tgt Ion: 43 Resp: 3252

Ion Ratio Lower Upper

43 100

58 22.1 0.0 73.6



#39

cis-1,3-Dichloropropene

Concen: 0.843 ug/L

RT: 7.23 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032373.D

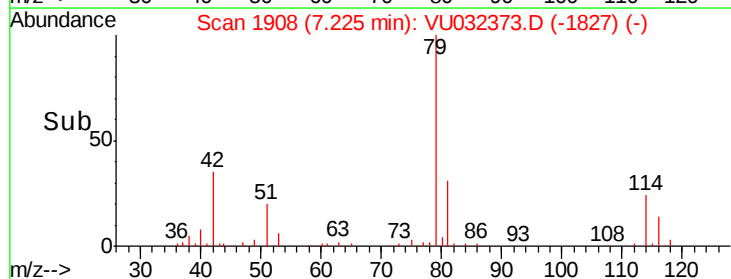
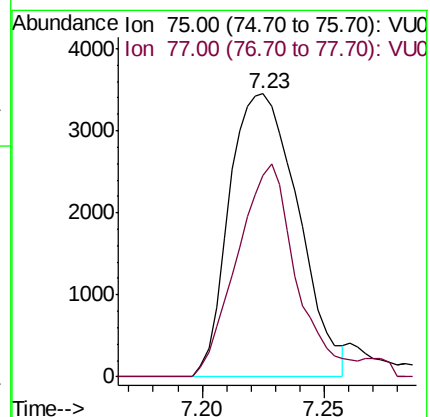
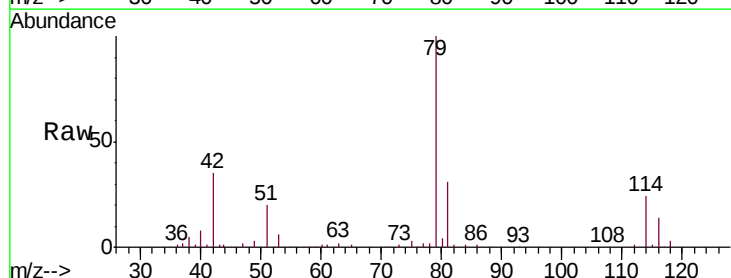
Acq: 30 May 2019 11:54

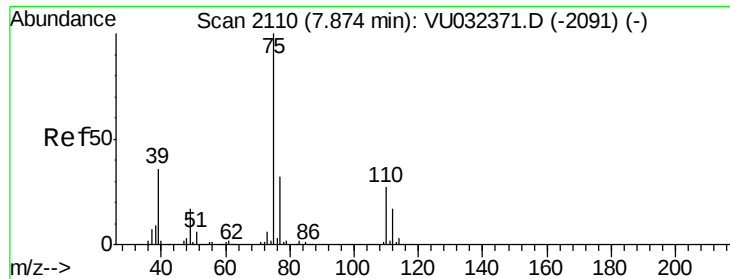
Tgt Ion: 75 Resp: 6773

Ion Ratio Lower Upper

75 100

77 71.1 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.704 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032373.D

Acq: 30 May 2019 11:54

Instrument :

MSVOA_U

ClientSampleId :

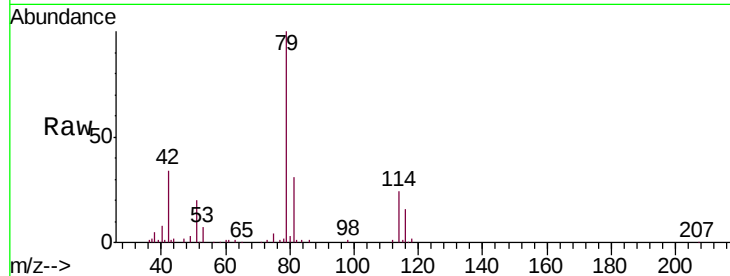
VBLK45

Tgt Ion: 75 Resp: 4953

Ion Ratio Lower Upper

75 100

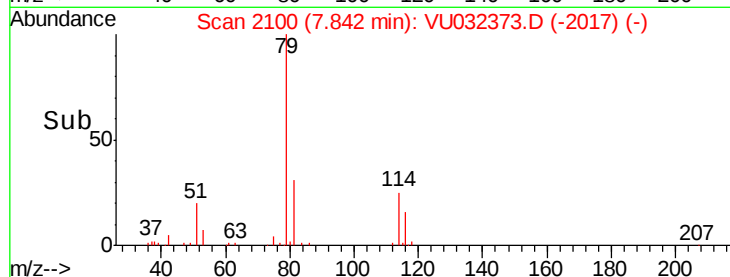
77 31.9 23.0 42.6



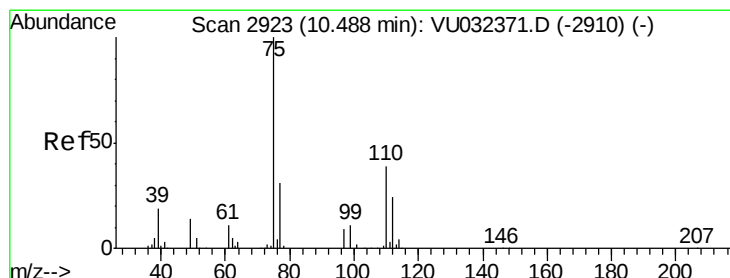
Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Time-->



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.616 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032373.D

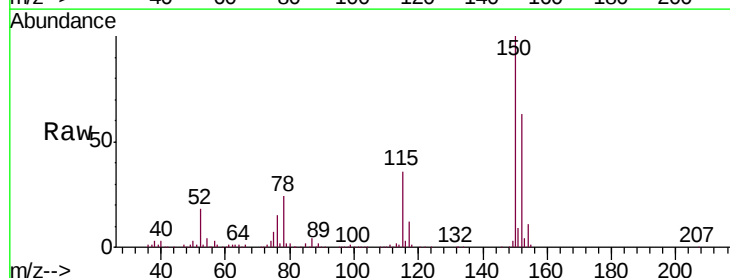
Acq: 30 May 2019 11:54

Tgt Ion: 75 Resp: 33269

Ion Ratio Lower Upper

75 100

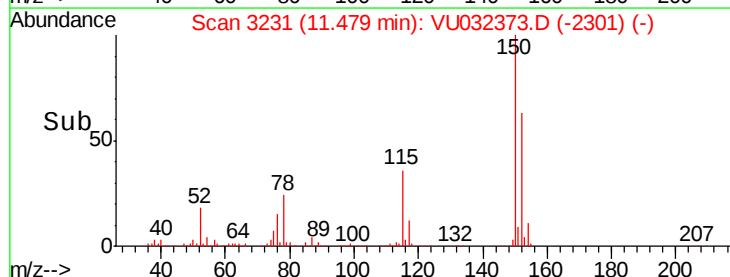
77 34.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Time-->



Time-->