

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011420\
 Data File : VU036459.D
 Acq On : 14 Jan 2020 23:14
 Operator : JC/MD
 Sample : L1117-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 00:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	478618	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	449006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	163330	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	185413	59.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.50%
7) Chloroethane-d5	1.93	69	150134	55.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.78%
11) 1,1-Dichloroethene-d2	2.59	63	263080	44.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.30%
21) 2-Butanone-d5	4.68	46	284034	106.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.47%
24) Chloroform-d	5.11	84	341883	55.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.68%
26) 1,2-Dichloroethane-d4	5.75	65	231068	56.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.52%
32) Benzene-d6	5.77	84	671534	57.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.38%
36) 1,2-Dichloropropane-d6	6.73	67	219451	57.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.92%
41) Toluene-d8	7.93	98	619669	55.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.58%
43) trans-1,3-Dichloropropene-	8.21	79	105898	51.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.94%
47) 2-Hexanone-d5	8.67	63	213185	108.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.93%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	313083	54.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	181418	56.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.78%

Target Compounds

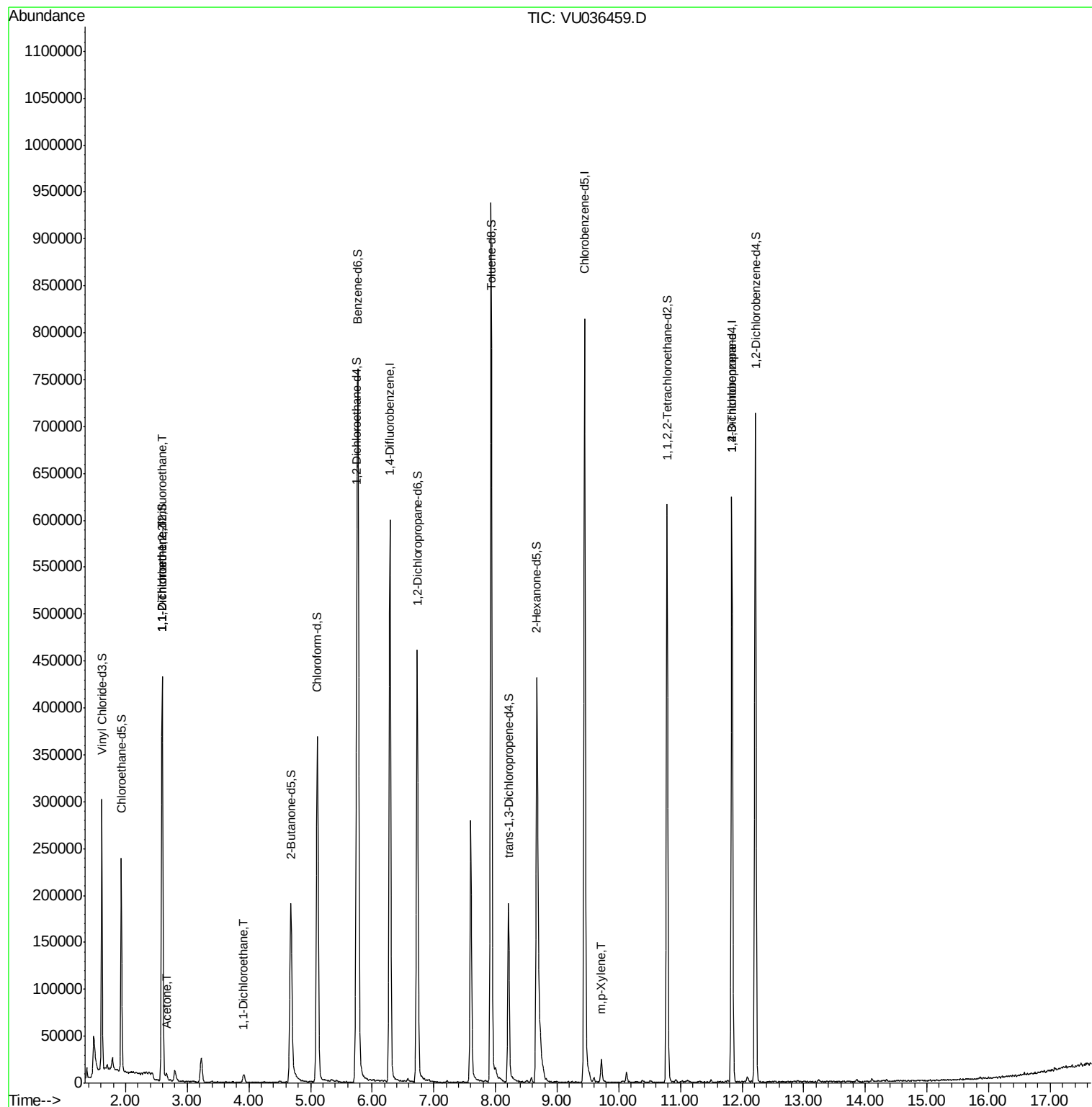
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2498	0.875	ug/L #	32
12) 1,1-Dichloroethene	2.60	96	2873	1.016	ug/L #	1
13) Acetone	2.66	43	7355	2.547	ug/L	97
19) 1,1-Dichloroethane	3.92	63	9976	1.704	ug/L	96
53) m,p-Xylene	9.72	106	7151	1.222	ug/L	88
59) 1,2,3-Trichloropropane	11.83	75	24339	5.162	ug/L	89

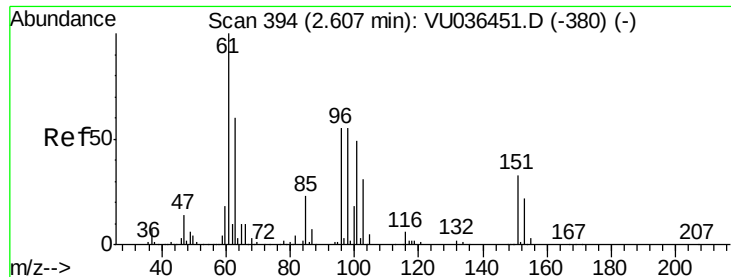
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jan 15 00:18:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.875 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU036459.D

Acq: 14 Jan 2020 23:14

Instrument :

MSVOA_U

ClientSampleId :

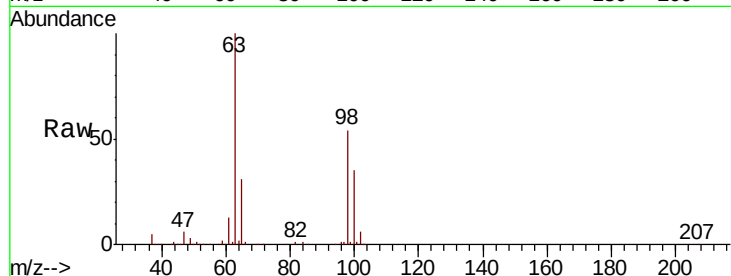
Tot Ion:101 Resp: 2498

Ion Ratio Lower Upper

101 100

85 3.0 36.7 55.1#

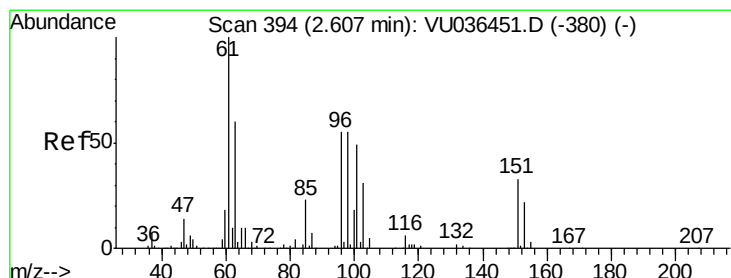
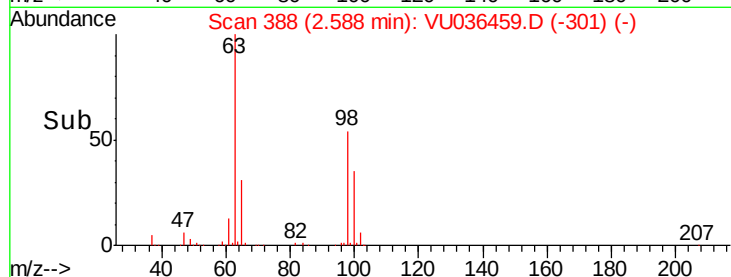
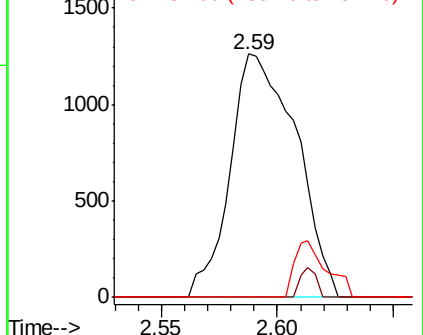
151 10.4 53.3 79.9#



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: 1.016 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036459.D

Acq: 14 Jan 2020 23:14

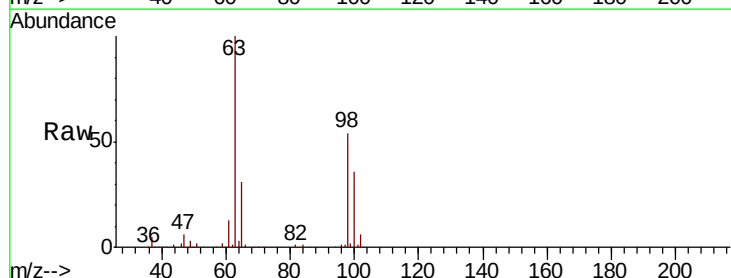
Tgt Ion: 96 Resp: 2873

Ion Ratio Lower Upper

96 100

61 1328.8 128.2 238.2#

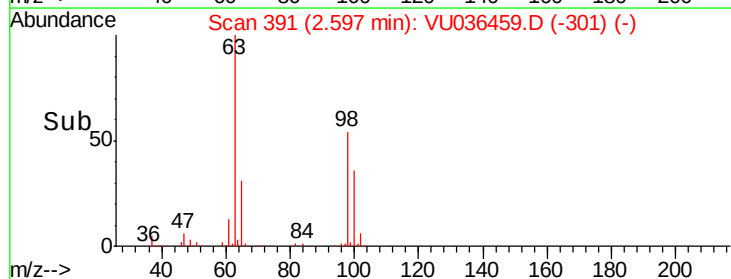
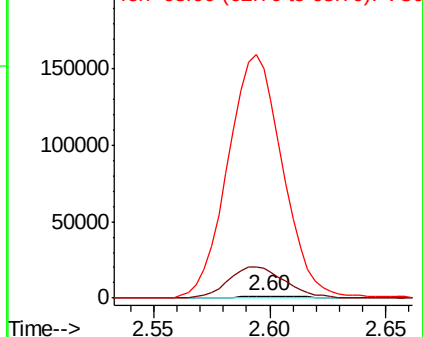
63 10175.9 79.1 146.9#

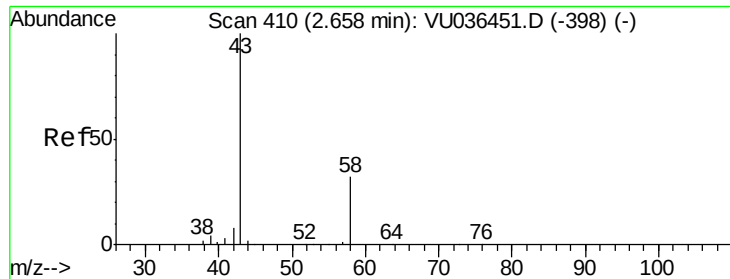


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.547 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036459.D

Acq: 14 Jan 2020 23:14

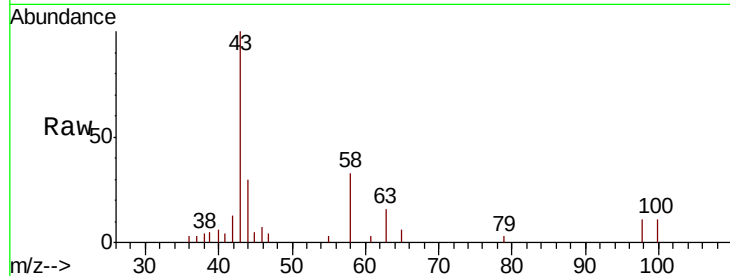
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 7355

Ion Ratio Lower Upper

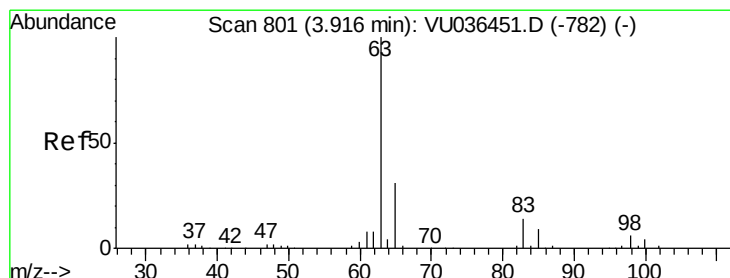
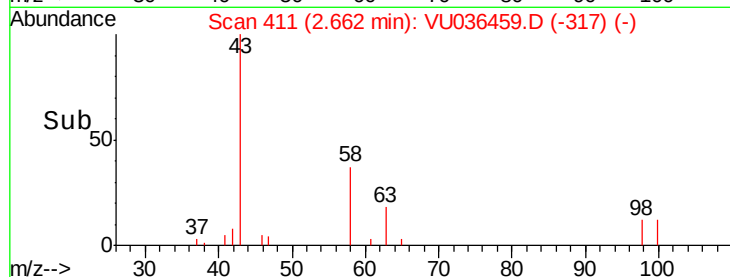
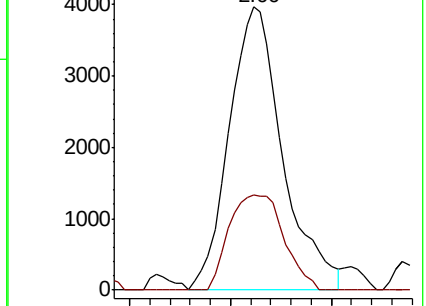
43 100

58 34.4 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU036451.D (-398) (-)

Ion 58.00 (57.70 to 58.70): VU036451.D (-398) (-)



#19

1,1-Dichloroethane

Concen: 1.704 ug/L

RT: 3.92 min Scan# 801

Delta R.T. -0.00 min

Lab File: VU036459.D

Acq: 14 Jan 2020 23:14

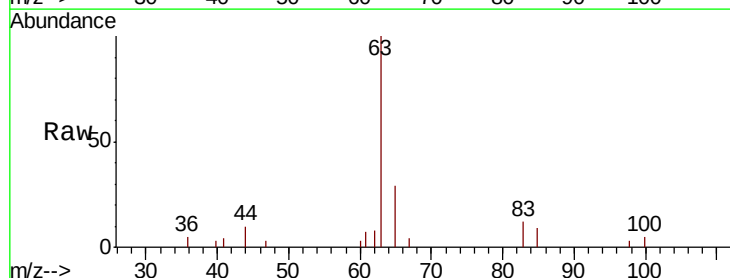
Tgt Ion: 63 Resp: 9976

Ion Ratio Lower Upper

63 100

65 28.6 21.8 40.4

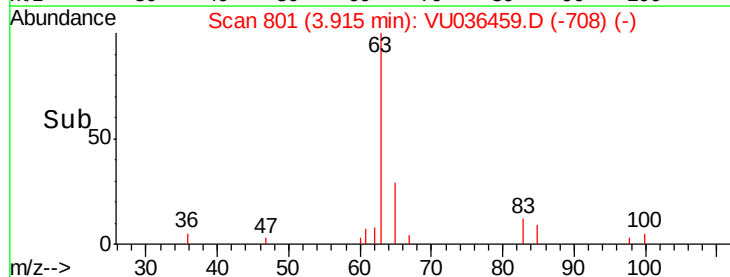
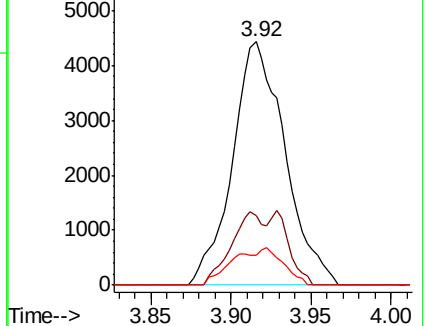
83 12.2 9.4 17.6

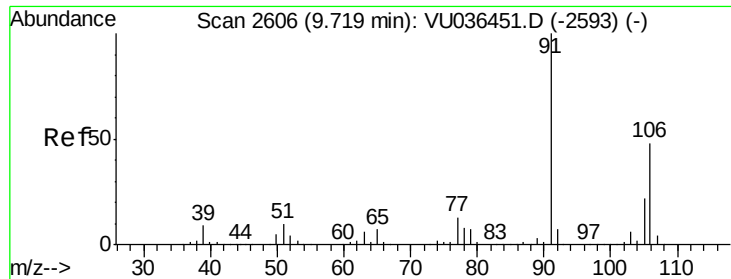


Abundance Ion 63.00 (62.70 to 63.70): VU036451.D (-782) (-)

Ion 65.00 (64.70 to 65.70): VU036451.D (-782) (-)

Ion 83.00 (82.70 to 83.70): VU036451.D (-782) (-)





#53

m,p-Xylene

Concen: 1.222 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VU036459.D

Acq: 14 Jan 2020 23:14

Instrument :

MSVOA_U

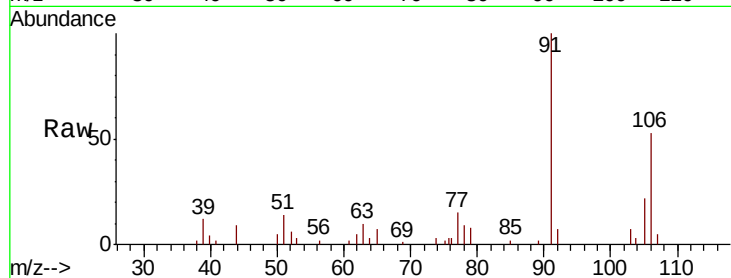
ClientSampled :

Tot Ion:106 Resp: 7151

Ion Ratio Lower Upper

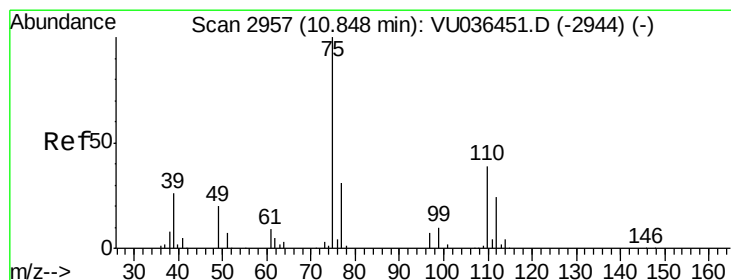
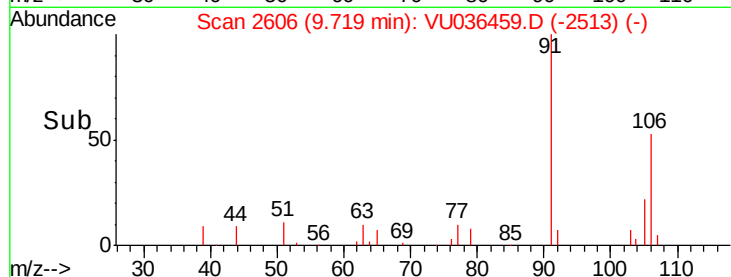
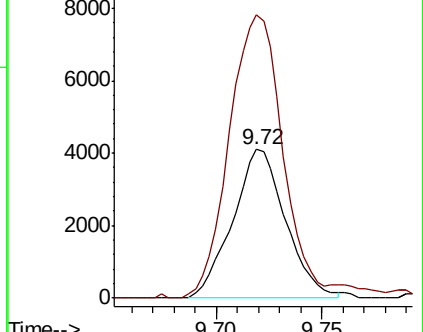
106 100

91 190.1 145.9 270.9



Abundance Ion 106.00 (105.70 to 106.70): VU036459.D (-2513) (-)

Ion 91.00 (90.70 to 91.70): VU036459.D (-2513) (-)



#59

1,2,3-Trichloropropane

Concen: 5.162 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036459.D

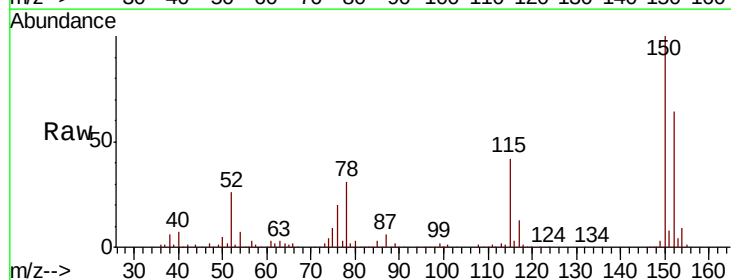
Acq: 14 Jan 2020 23:14

Tgt Ion: 75 Resp: 24339

Ion Ratio Lower Upper

75 100

77 37.3 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU036459.D (-2335) (-)

Ion 77.00 (76.70 to 77.70): VU036459.D (-2335) (-)

