

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011420\
 Data File : VU036456.D
 Acq On : 14 Jan 2020 21:59
 Operator : JC/MD
 Sample : VU0114WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:45:05 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	487907	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	449594	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	171869	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	152303	48.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.30%
7) Chloroethane-d5	1.93	69	133473	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.48%
11) 1,1-Dichloroethene-d2	2.59	63	230988	38.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.06%
21) 2-Butanone-d5	4.68	46	284530	104.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	5.11	84	301470	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
26) 1,2-Dichloroethane-d4	5.75	65	214441	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.44%
32) Benzene-d6	5.77	84	620097	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.48%
36) 1,2-Dichloropropane-d6	6.73	67	200805	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.93	98	584448	52.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.10%
43) trans-1,3-Dichloropropene-	8.21	79	101735	49.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.78%
47) 2-Hexanone-d5	8.67	63	210070	107.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	285511	49.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.28%
64) 1,2-Dichlorobenzene-d4	12.22	152	173950	51.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.76%

Target Compounds

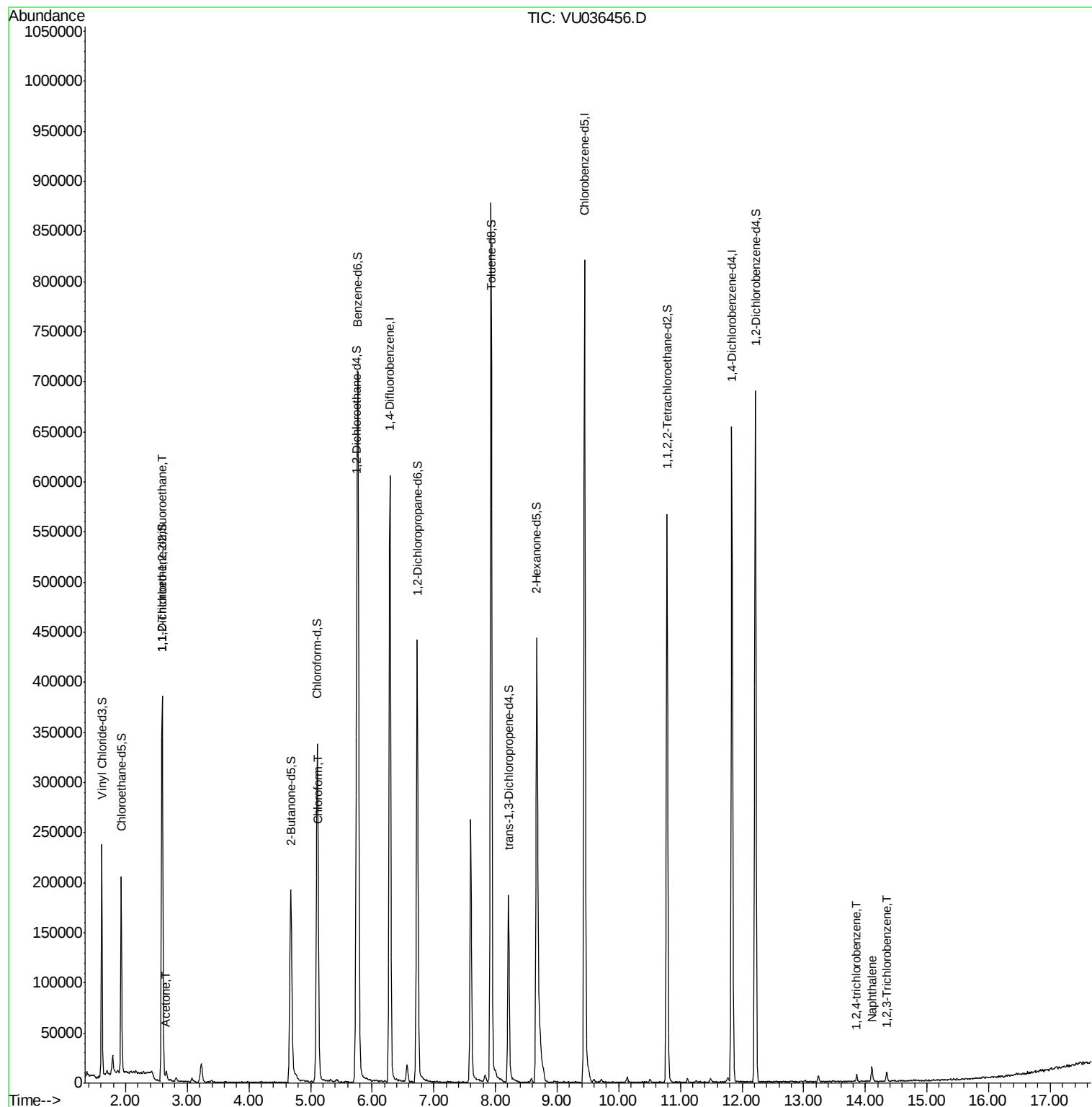
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2371	0.815 ug/L #	39
13) Acetone	2.66	43	9505	3.229 ug/L	94
25) Chloroform	5.13	83	10195	1.602 ug/L	88
68) 1,2,4-trichlorobenzene	13.86	180	2001	0.830 ug/L #	83
69) Naphthalene	14.11	128	10326	1.267 ug/L	98
70) 1,2,3-Trichlorobenzene	14.34	180	2454	0.981 ug/L #	93

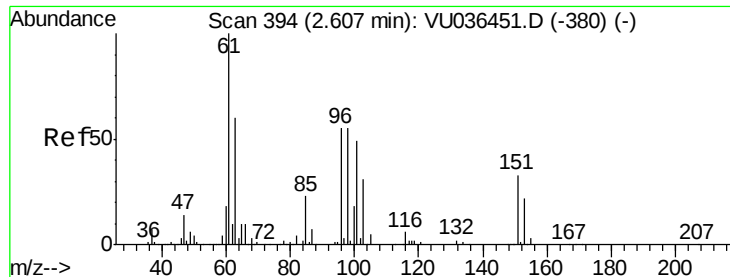
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.815 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036456.D

Acq: 14 Jan 2020 21:59

Instrument :

MSVOA_U

ClientSampleId :

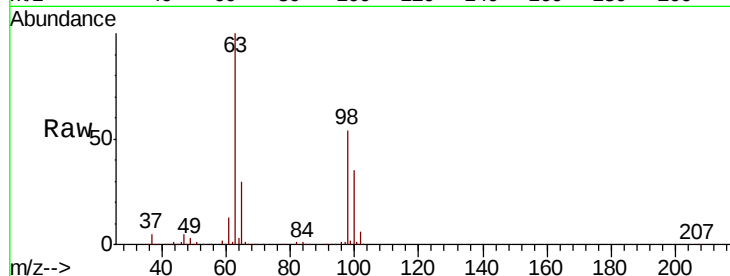
Tot Ion:101 Resp: 2371

Ion Ratio Lower Upper

101 100

85 14.2 36.7 55.1#

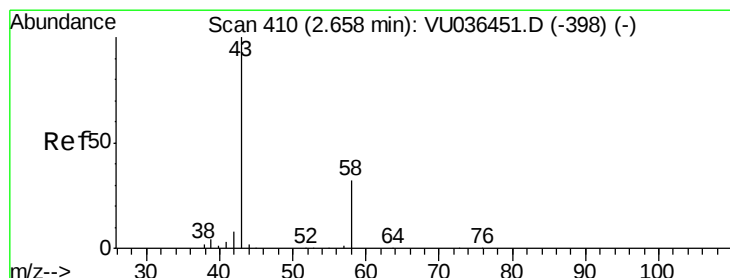
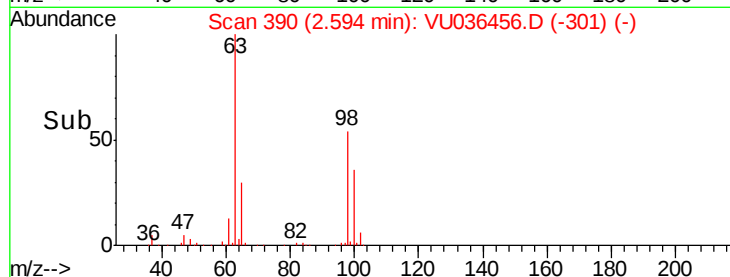
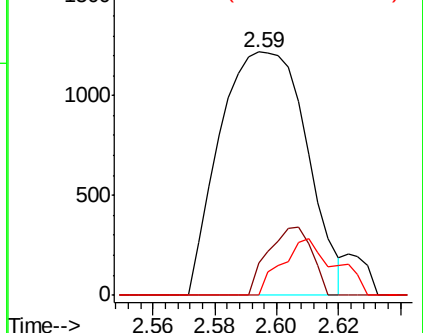
151 10.8 53.3 79.9#



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



#13

Acetone

Concen: 3.229 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036456.D

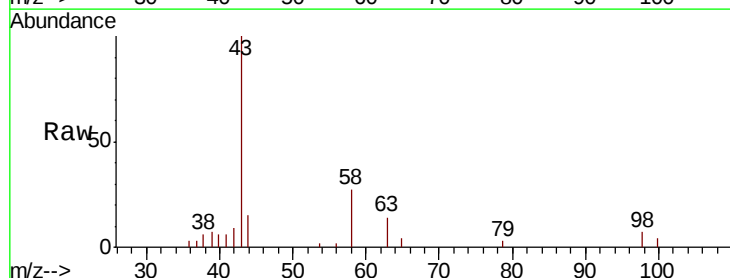
Acq: 14 Jan 2020 21:59

Tgt Ion: 43 Resp: 9505

Ion Ratio Lower Upper

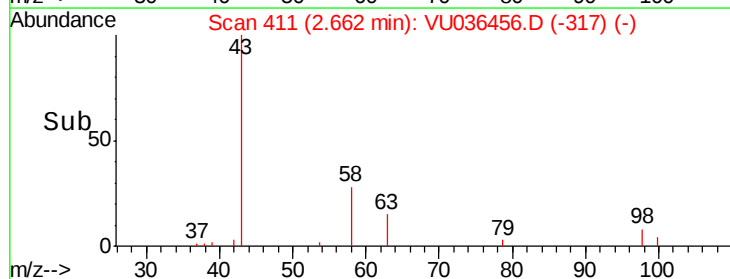
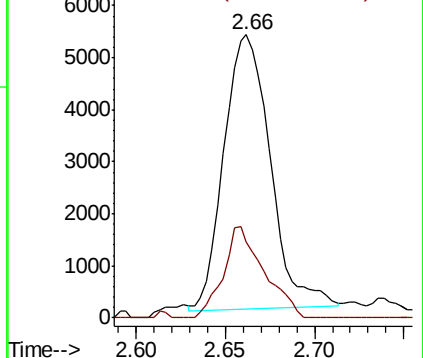
43 100

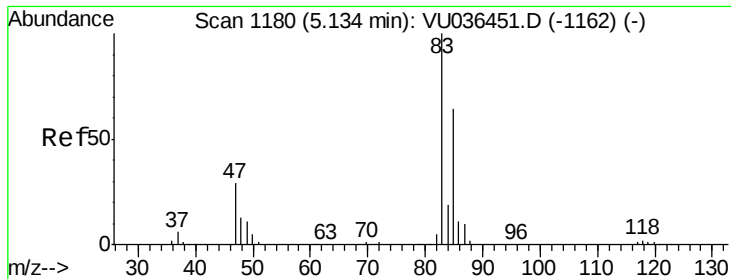
58 29.2 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#25

Chloroform

Concen: 1.602 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036456.D

Acq: 14 Jan 2020 21:59

Instrument :

MSVOA_U

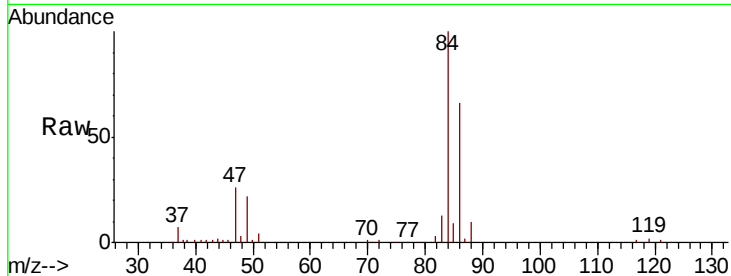
ClientSampled :

Tot Ion: 83 Resp: 10195

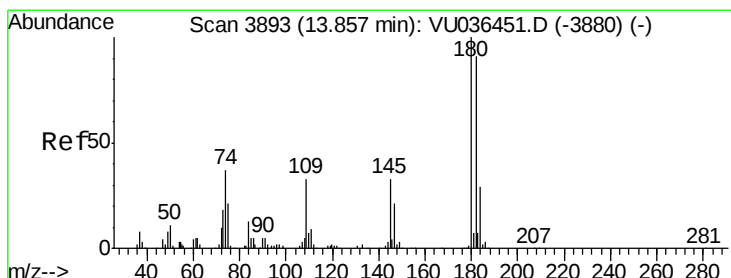
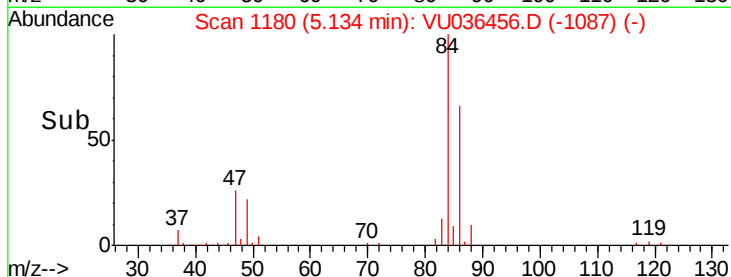
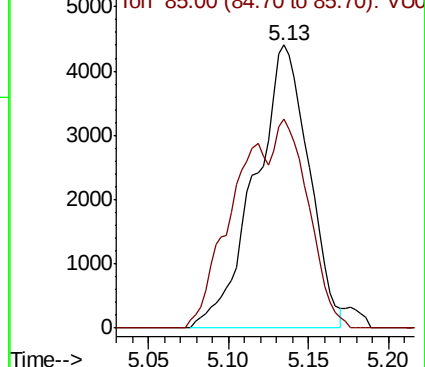
Ion Ratio Lower Upper

83 100

85 73.8 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU036451.D (-1162) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.830 ug/L

RT: 13.86 min Scan# 3894

Delta R.T. 0.00 min

Lab File: VU036456.D

Acq: 14 Jan 2020 21:59

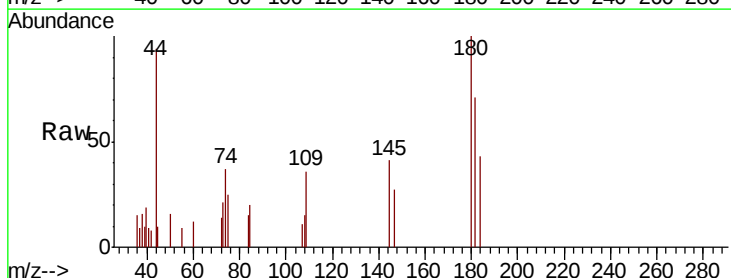
Tgt Ion: 180 Resp: 2001

Ion Ratio Lower Upper

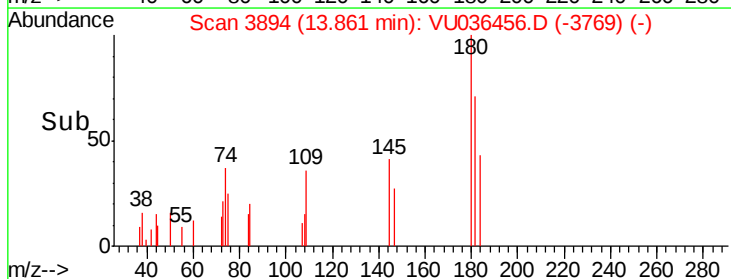
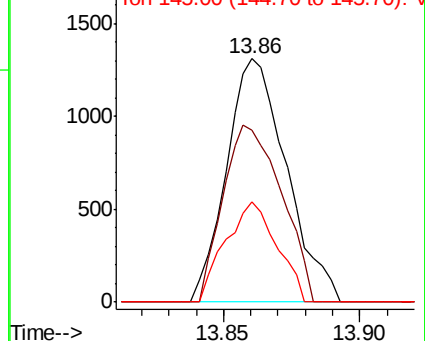
180 100

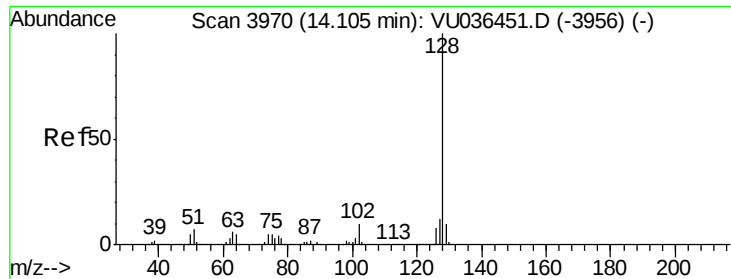
182 71.1 74.1 111.1#

145 35.4 26.6 40.0



Abundance Ion 180.00 (179.70 to 180.70): VU036451.D (-3880) (-)





#69

Naphthalene

Concen: 1.267 ug/L

RT: 14.11 min Scan# 3971

Delta R.T. 0.00 min

Lab File: VU036456.D

Acq: 14 Jan 2020 21:59

Instrument :

MSVOA_U

ClientSampleId :

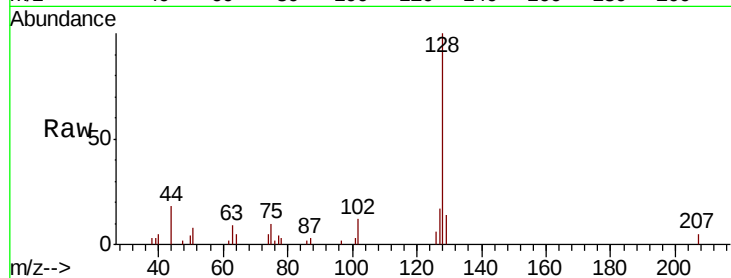
Tot Ion:128 Resp: 10326

Ion Ratio Lower Upper

128 100

127 13.7 10.0 15.0

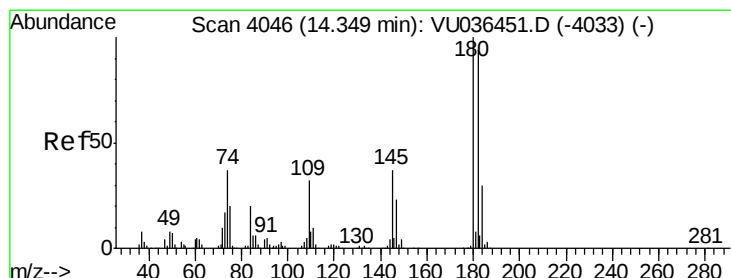
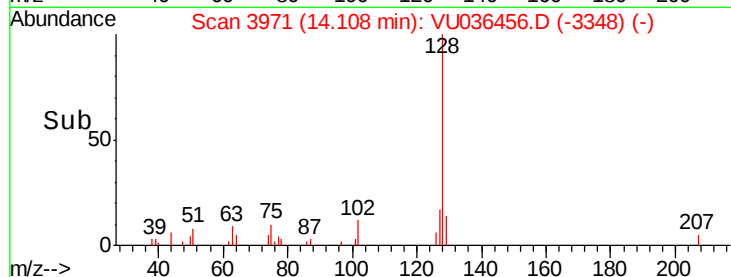
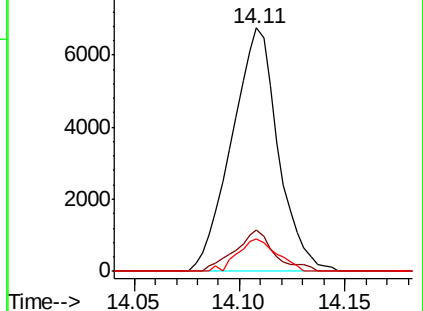
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.981 ug/L

RT: 14.34 min Scan# 4044

Delta R.T. -0.01 min

Lab File: VU036456.D

Acq: 14 Jan 2020 21:59

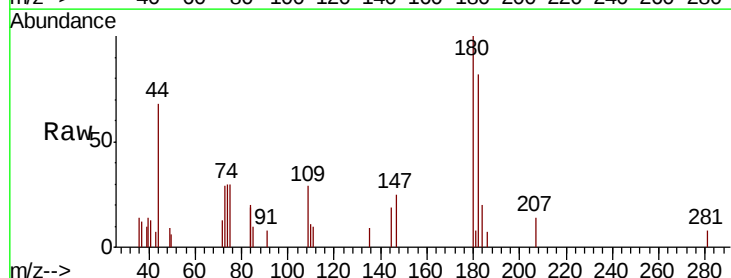
Tgt Ion:180 Resp: 2454

Ion Ratio Lower Upper

180 100

182 96.6 77.1 115.7

145 21.1 29.2 43.8#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

