

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\
 Data File : VU036944.D
 Acq On : 27 Feb 2020 15:25
 Operator : JC/MD
 Sample : L1687-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS6

Quant Time: Feb 27 23:08:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 22:00:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254232	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239962	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	90151	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78785	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.80%
7) Chloroethane-d5	1.93	69	75876	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.90%
11) 1,1-Dichloroethene-d2	2.59	63	108690	30.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.80%
21) 2-Butanone-d5	4.67	46	142788	99.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.71%
24) Chloroform-d	5.11	84	149526	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	5.74	65	104118	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
32) Benzene-d6	5.76	84	323072	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.72	67	107475	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.62%
41) Toluene-d8	7.93	98	286539	44.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.02%
43) trans-1,3-Dichloropropene-	8.20	79	45817	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
47) 2-Hexanone-d5	8.66	63	105308	95.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152672	48.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.34%
64) 1,2-Dichlorobenzene-d4	12.21	152	88322	50.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.24%

Target Compounds

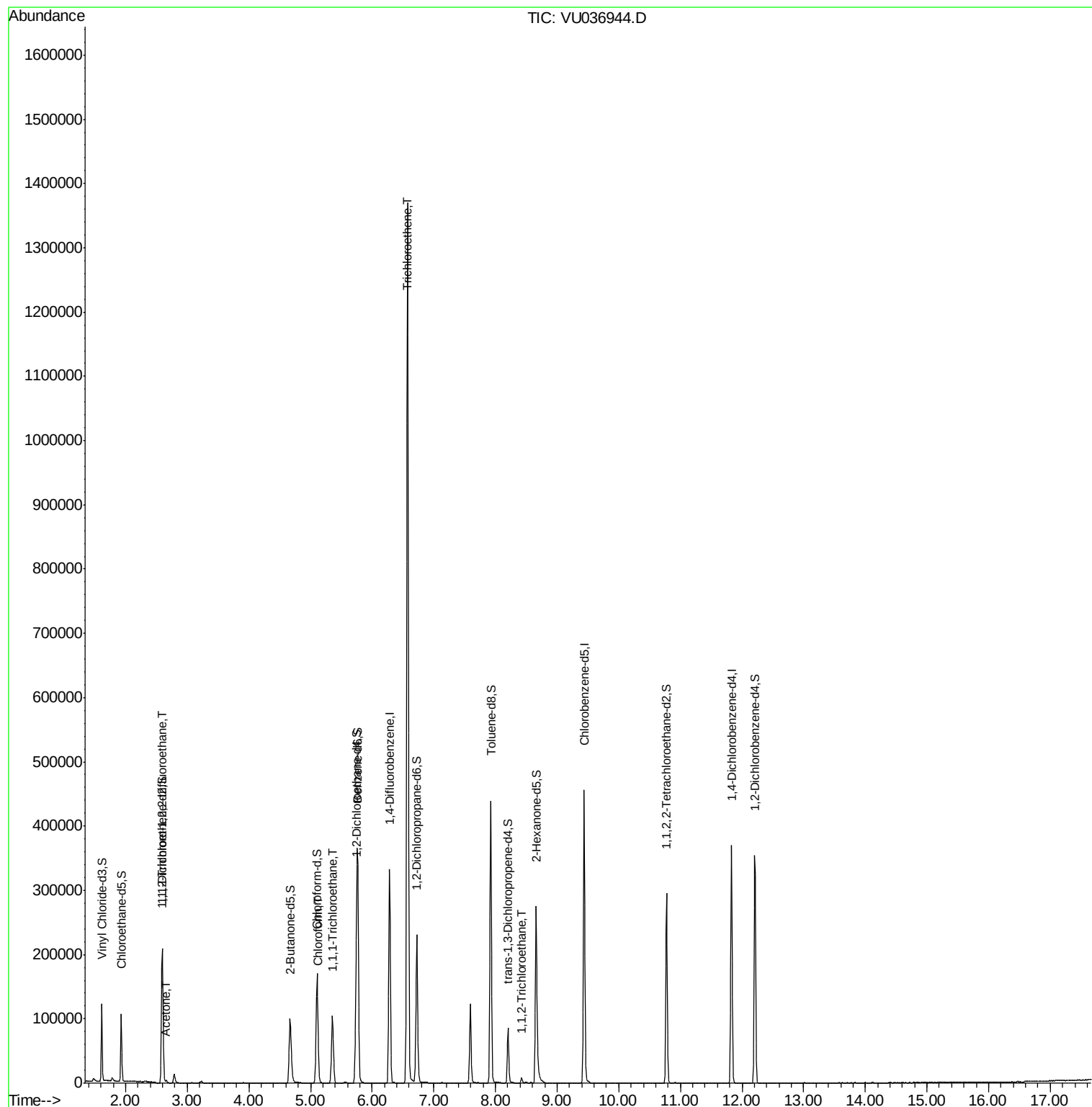
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	21625	13.320 ug/L	97
13) Acetone	2.66	43	4312	2.927 ug/L	97
25) Chloroform	5.13	83	5993	1.812 ug/L	95
30) 1,1,1-Trichloroethane	5.36	97	71774	27.898 ug/L	99
34) Trichloroethene	6.57	95	469971	252.235 ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	2609	1.437 ug/L	93

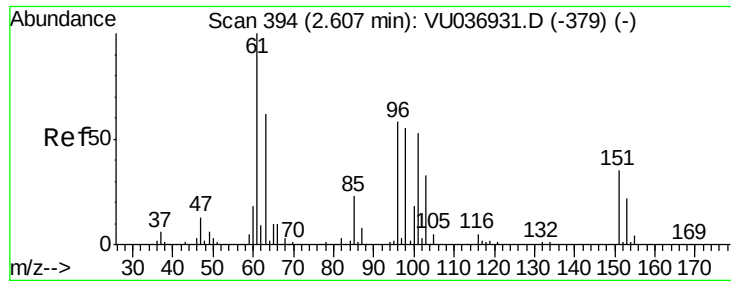
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 13.320 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU036944.D

Acq: 27 Feb 2020 15:25

Instrument :

MSVOA_U

ClientSampleId :

C0AS6

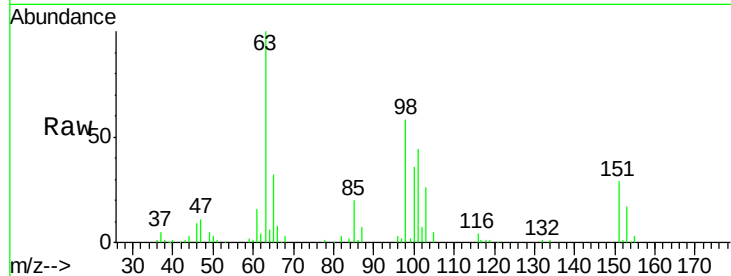
Tot Ion:101 Resp: 21625

Ion Ratio Lower Upper

101 100

85 42.9 36.4 54.6

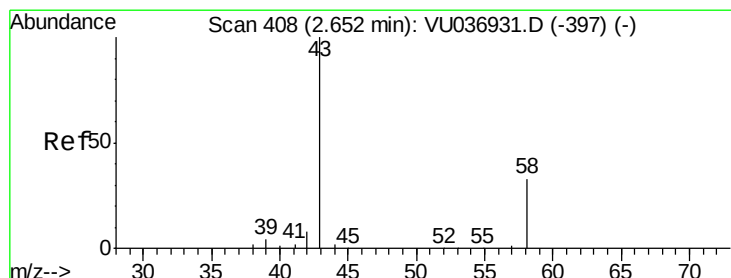
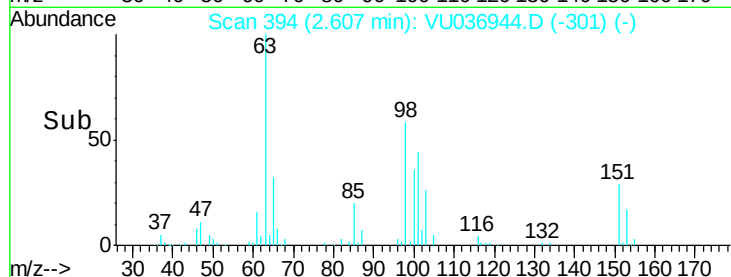
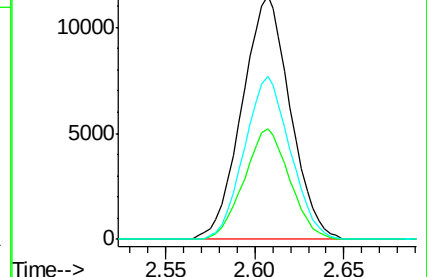
151 64.1 52.4 78.6



Abundance Ion 101.00 (100.70 to 101.70): VU036931.D (-379) (-)

Ion 85.00 (84.70 to 85.70): VU036931.D (-379) (-)

Ion 151.00 (150.70 to 151.70): VU036931.D (-379) (-)



#13

Acetone

Concen: 2.927 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036944.D

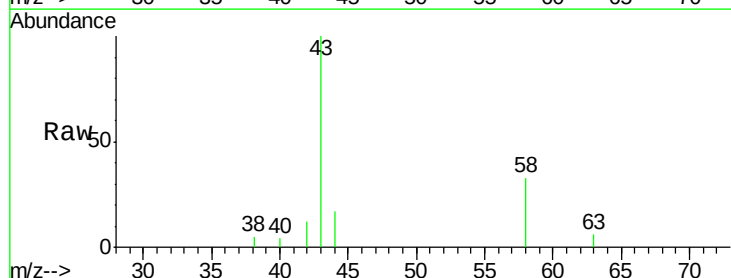
Acq: 27 Feb 2020 15:25

Tgt Ion: 43 Resp: 4312

Ion Ratio Lower Upper

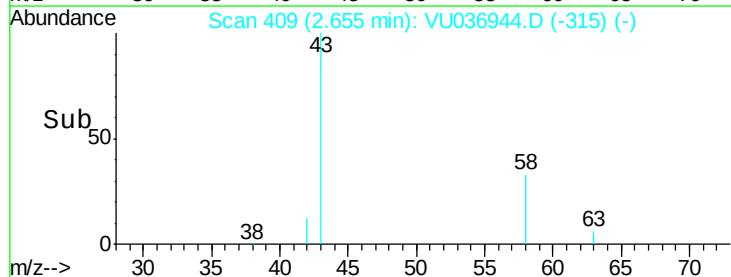
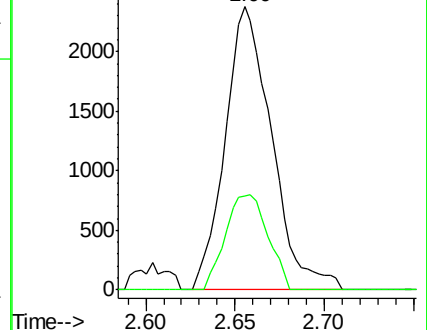
43 100

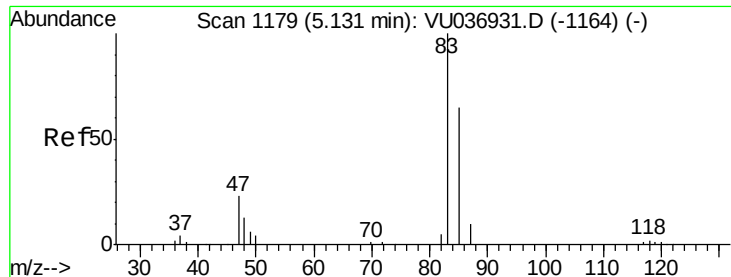
58 30.6 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036931.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036931.D (-397) (-)

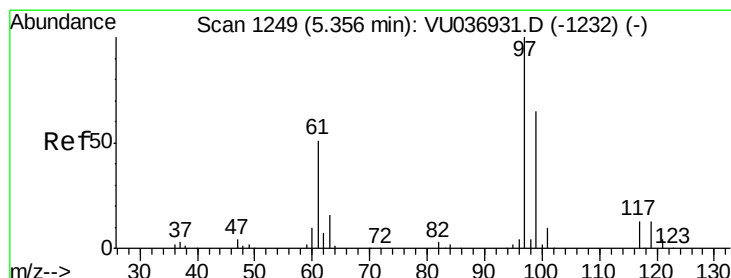
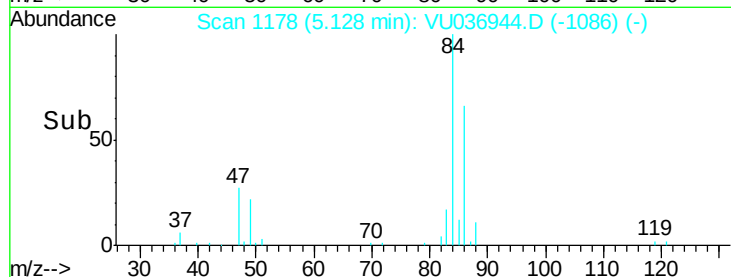
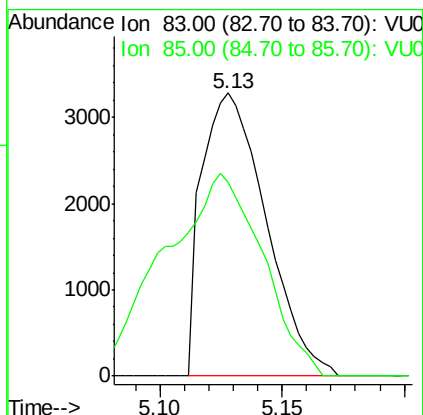
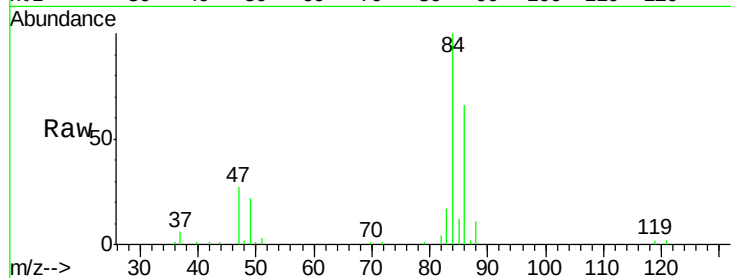




#25
Chloroform
Concen: 1.812 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU036944.D
Acq: 27 Feb 2020 15:25

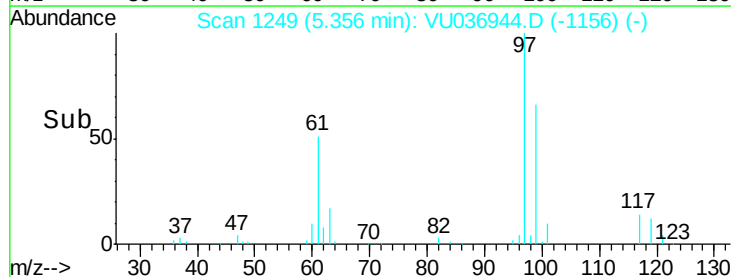
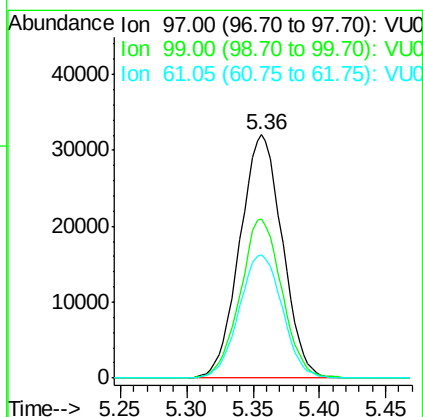
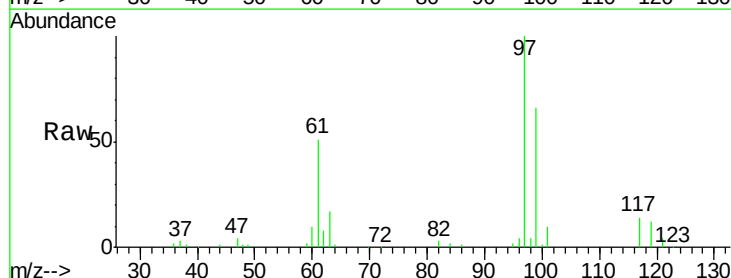
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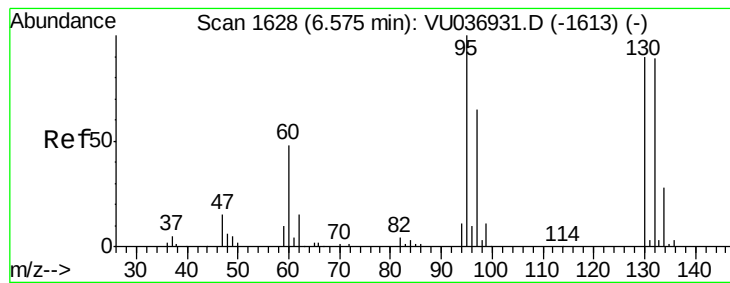
Tot Ion: 83 Resp: 5993
Ion Ratio Lower Upper
83 100
85 68.3 45.1 83.9



#30
1,1,1-Trichloroethane
Concen: 27.898 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU036944.D
Acq: 27 Feb 2020 15:25

Tgt Ion: 97 Resp: 71774
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 51.3 40.3 60.5





#34

Trichloroethene

Concen: 252.235 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU036944.D

Acq: 27 Feb 2020 15:25

Instrument :

MSVOA_U

ClientSampleId :

C0AS6

Tot Ion: 95 Resp: 469971

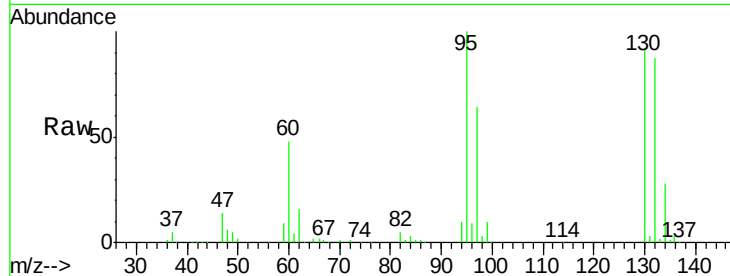
Ion Ratio Lower Upper

95 100

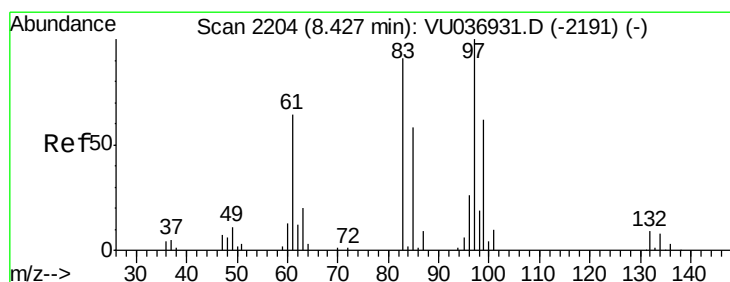
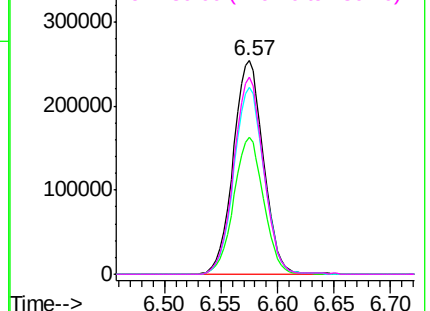
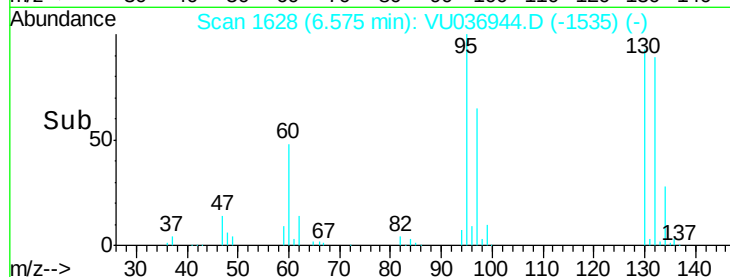
97 64.2 44.1 81.9

132 87.5 60.6 112.6

130 92.2 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU036944.D (-1535) (-)



#45

1,1,2-Trichloroethane

Concen: 1.437 ug/L

RT: 8.42 min Scan# 2203

Delta R.T. -0.00 min

Lab File: VU036944.D

Acq: 27 Feb 2020 15:25

Tgt Ion: 97 Resp: 2609

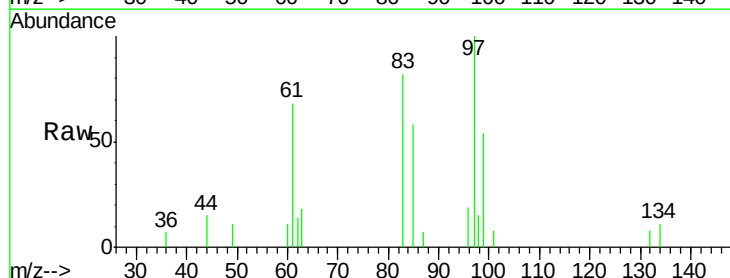
Ion Ratio Lower Upper

97 100

99 53.7 43.6 81.0

83 81.9 62.7 116.5

85 57.7 40.3 74.9



Abundance Ion 97.00 (96.70 to 97.70): VU036944.D (-2111) (-)

