

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052920\NOT REVIEWED DATA\
 Data File : VU038369.D
 Acq On : 29 May 2020 10:15
 Operator : JC/MD
 Sample : L2751-05RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 17:29:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 16:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	597591	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	585662	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	275946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	196251	52.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.62%
7) Chloroethane-d5	1.93	69	155643	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.59	63	301937	39.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.76%
21) 2-Butanone-d5	4.67	46	380007	106.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.62%
24) Chloroform-d	5.10	84	384460	52.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.38%
26) 1,2-Dichloroethane-d4	5.74	65	260265	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
32) Benzene-d6	5.76	84	803283	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.58%
36) 1,2-Dichloropropane-d6	6.72	67	247694	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.92	98	697323	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%
43) trans-1,3-Dichloropropene-	8.20	79	117717	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.26%
47) 2-Hexanone-d5	8.66	63	279319	112.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	347151	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	12.21	152	272418	53.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.52%

Target Compounds

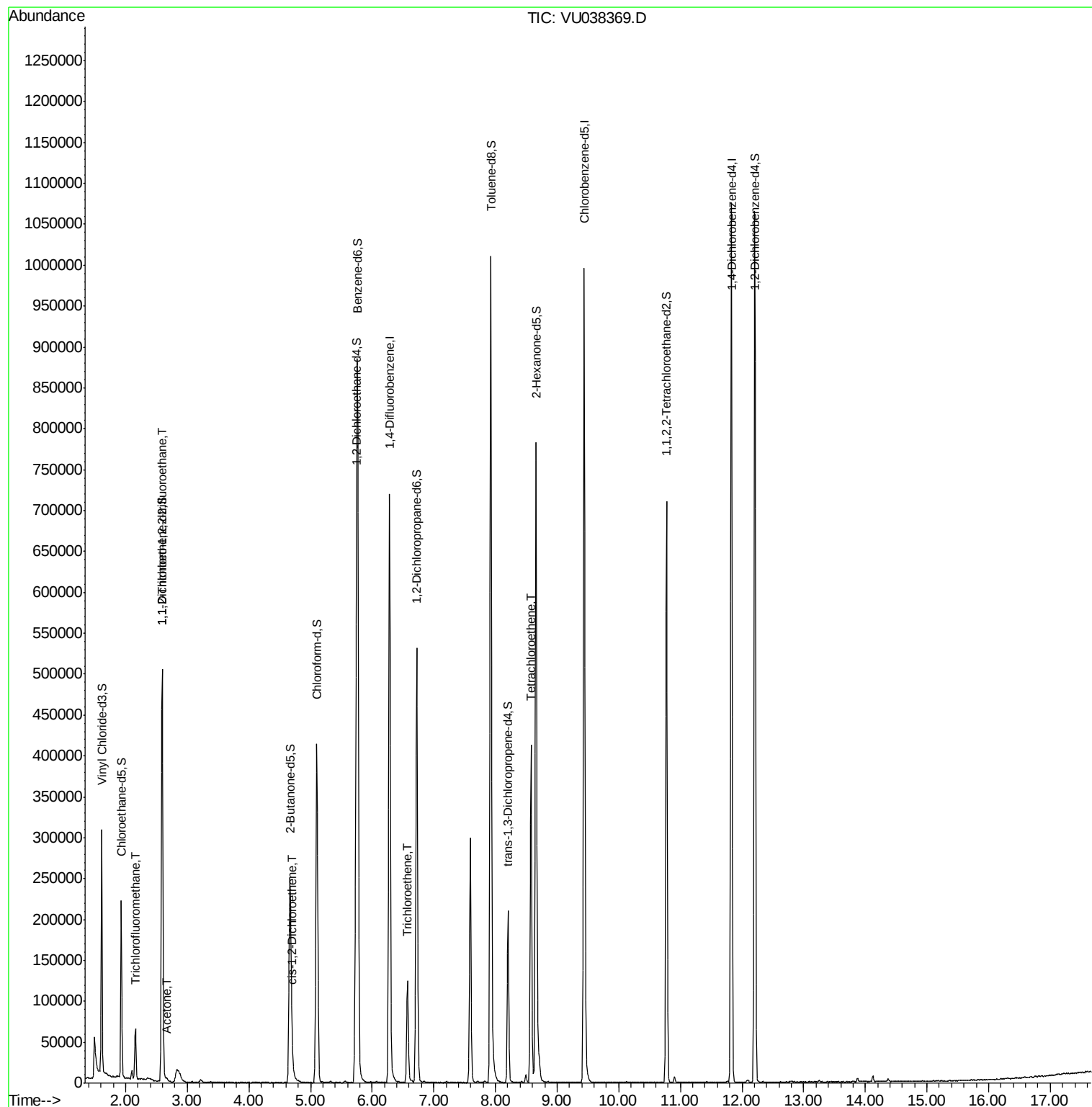
					Ovalue
9) Trichlorofluoromethane	2.16	101	38170	6.219 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2834	0.772 ug/L #	20
13) Acetone	2.66	43	5643	1.905 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	5096	1.195 ug/L	90
34) Trichloroethene	6.57	95	41448	9.849 ug/L	95
46) Tetrachloroethene	8.58	164	92625	30.105 ug/L	96

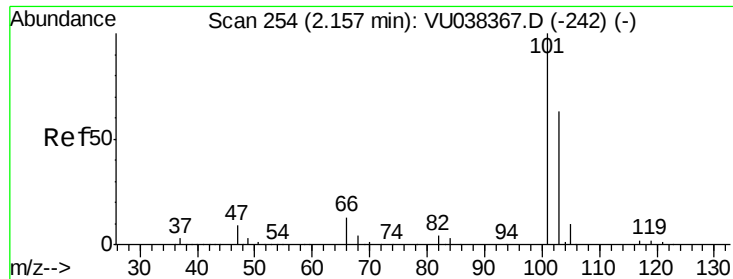
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 29 16:52:36 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 6.219 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU038369.D

Acq: 29 May 2020 10:15

Instrument :

MSVOA_U

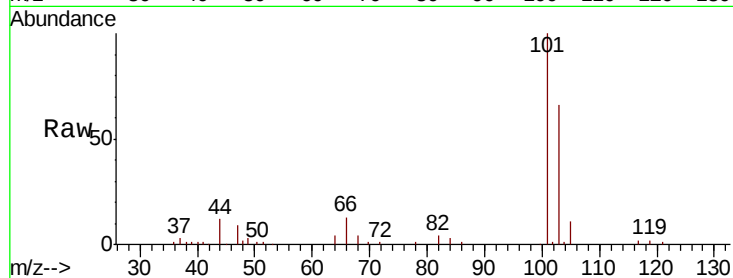
ClientSampleId :

Tot Ion:101 Resp: 38170

Ion Ratio Lower Upper

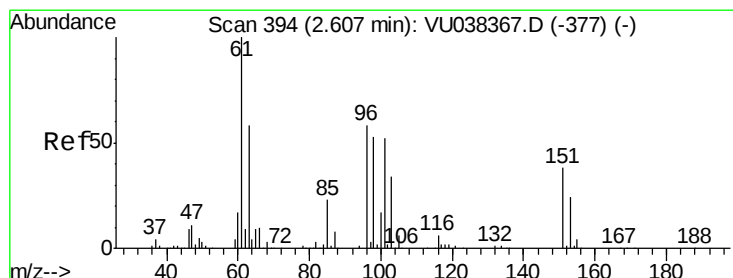
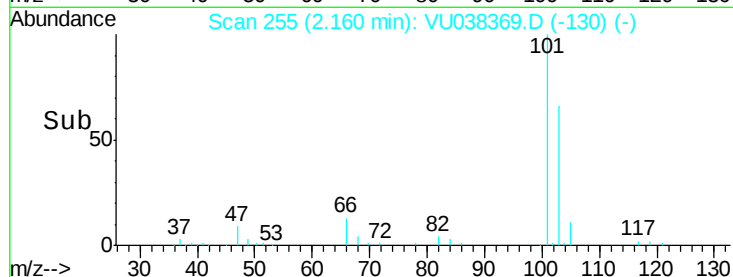
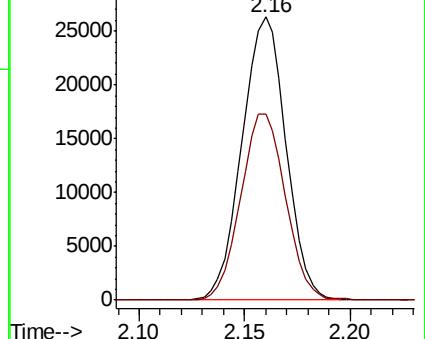
101 100

103 66.8 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.772 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU038369.D

Acq: 29 May 2020 10:15

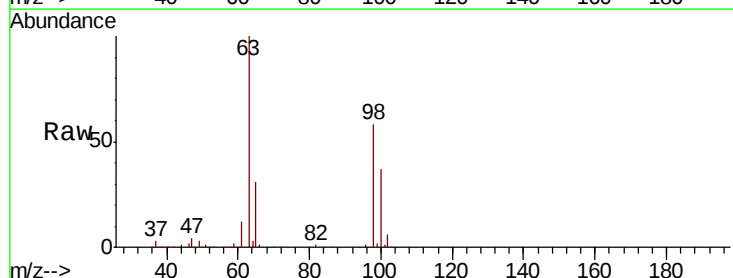
Tgt Ion:101 Resp: 2834

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

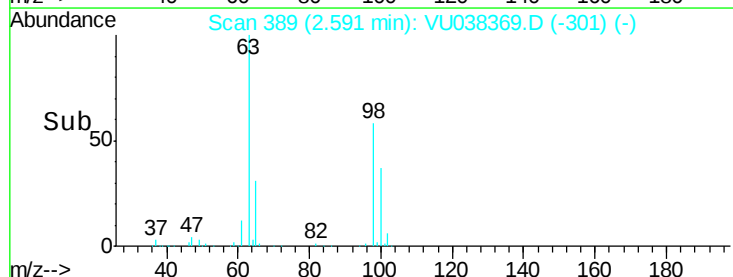
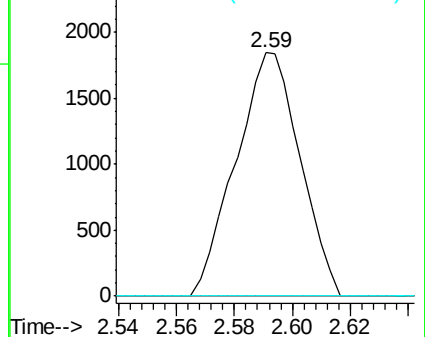
151 0.0 58.4 87.6#

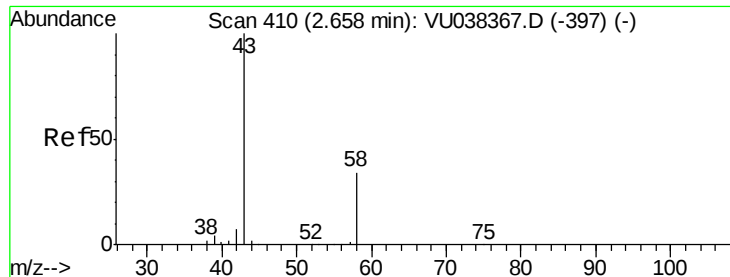


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 1.905 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU038369.D

Acq: 29 May 2020 10:15

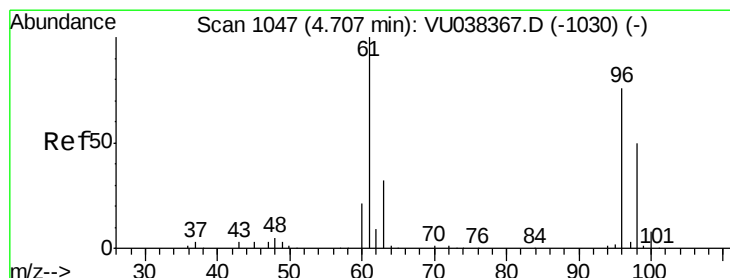
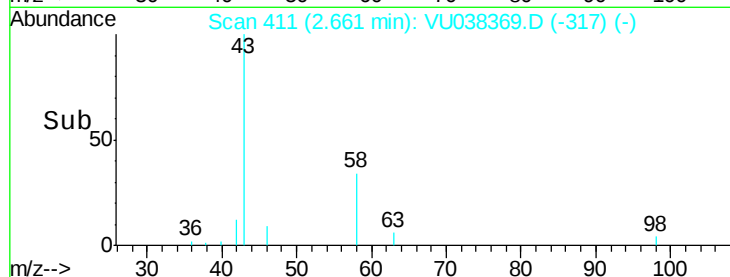
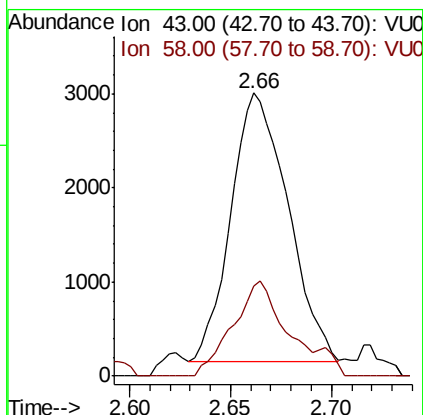
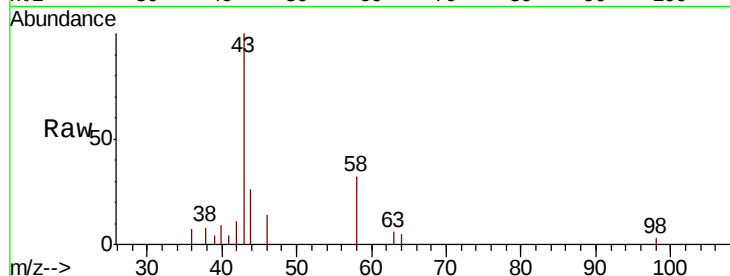
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 5643

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.4



#20

cis-1,2-Dichloroethene

Concen: 1.195 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU038369.D

Acq: 29 May 2020 10:15

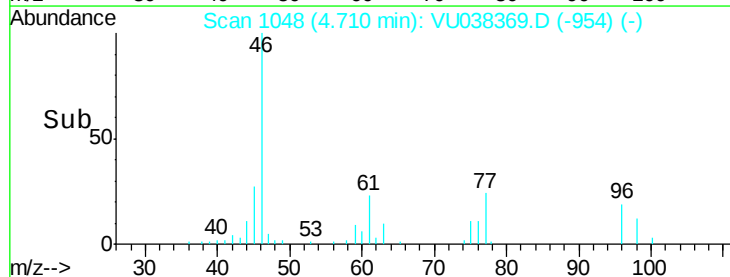
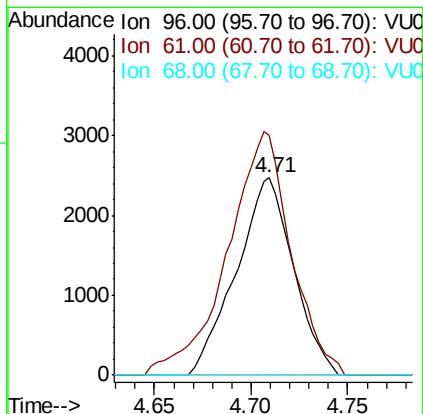
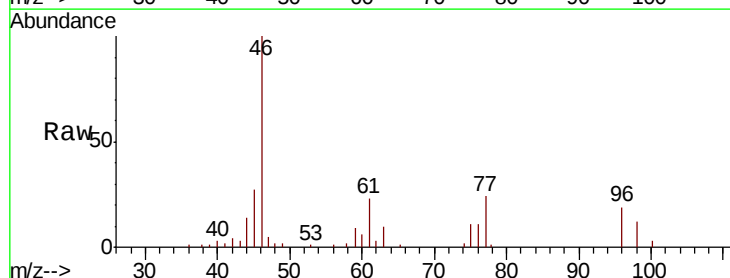
Tgt Ion: 96 Resp: 5096

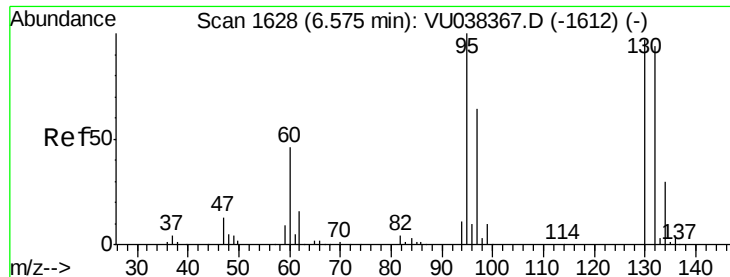
Ion Ratio Lower Upper

96 100

61 121.4 93.4 173.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 9.849 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038369.D

Acq: 29 May 2020 10:15

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 41448

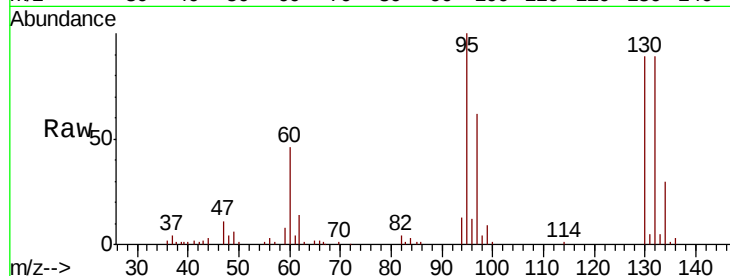
Ion Ratio Lower Upper

95 100

97 62.2 44.3 82.3

132 88.9 64.7 120.1

130 88.8 68.5 127.1

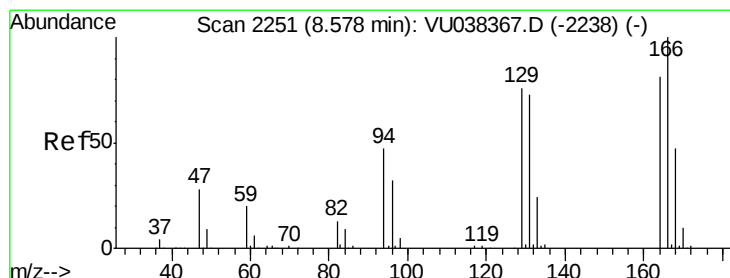
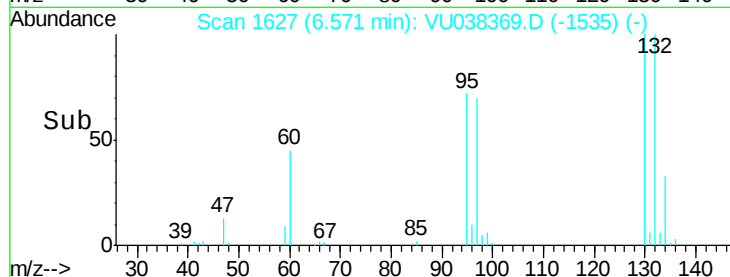
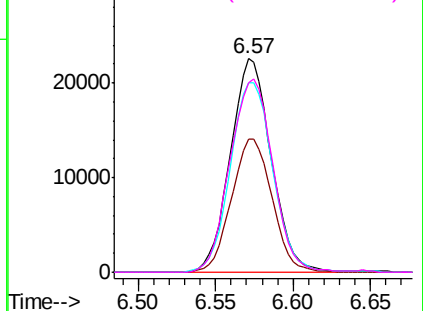


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 30.105 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU038369.D

Acq: 29 May 2020 10:15

Tgt Ion: 164 Resp: 92625

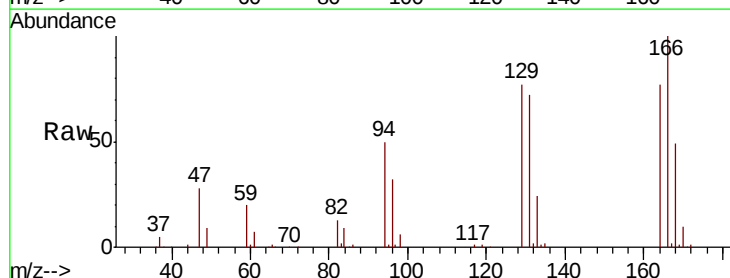
Ion Ratio Lower Upper

164 100

129 100.2 67.2 124.8

131 94.1 63.4 117.8

166 130.7 88.5 164.4



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

